Hydraulic Valves and Integrated Components

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Valvole di bilanciamento e blocco

Overcenter valves

Indice

codice	descrizione	pagine
001.001.0H0	OWC-40-H Reg. piombata (vecchio codice: 001.470.000)	1-01-01-01/1-01-01-02
001.001.0K0	OWC-40-K Reg. piombata plastica	1-01-01-01/1-01-01-02
001.001.0X0	OWC-40-X Reg. grano (vecchio codice: 001.001.000)	1-01-01-01/1-01-01-02
001.001.0Y0	OWC-40-Y Reg. RS (vecchio codice: 001.025.000)	1-01-01-01/1-01-01-02
001.001.0Z0	OWC-40-Z Reg. fissa (vecchio codice: 001.002.000)	1-01-01-01/1-01-01-02
001.003.0H0	OWC-SE-38-L-H Reg. piombata	1-03-01-01/1-03-01-02
001.003.0K0	OWC-SE-38-L-K Reg. piombata plastica	1-03-01-01/1-03-01-02
001.003.0X0	OWC-SE-38-L-X Reg. grano (vecchio codice: 001.003.000)	1-03-01-01/1-03-01-02
001.003.0Y0	OWC-SE-38-L-Y Reg. RS (vecchio codice: 001.150.000)	1-03-01-01/1-03-01-02
001.003.0Z0	OWC-SE-38-L-Z Reg. fissa	1-03-01-01/1-03-01-02
001.004.0H0	OWC-SE-38-14-H Reg. piombata	1-03-02-01/1-03-02-02
001.004.0K0	OWC-SE-38-14-K Reg. piombata plastica	1-03-02-01/1-03-02-02
001.004.0X0	OWC-SE-38-14-X Reg. grano (vecchio codice: 001.004.000)	1-03-02-01/1-03-02-02
001.004.0Y0	OWC-SE-38-14-Y Reg. RS (vecchio codice: 001.154.000)	1-03-02-01/1-03-02-02
001.004.0Z0	OWC-SE-38-14-Z Reg. fissa	1-03-02-01/1-03-02-02
001.005.0H0	OWC-DE-38-LU-H Reg. piombata	1-06-01-01/1-06-01-02
001.005.0K0	OWC-DE-38-LU-K Reg. piombata plastica	1-06-01-01/1-06-01-02
001.005.0X0	OWC-DE-38-LU-X Reg. grano (vecchio codice: 001.005.000)	1-06-01-01/1-06-01-02
001.005.0Y0	OWC-DE-38-LU-Y Reg. RS (vecchio codice: 001.158.000)	1-06-01-01/1-06-01-02
001.005.0Z0	OWC-DE-38-LU-Z Reg. fissa	1-06-01-01/1-06-01-02
001.008.0H0	OWC-SE-12-L-H Reg. piombata	1-03-01-01/1-03-01-02
001.008.0K0	OWC-SE-12-L-K Reg. piombata plastica	1-03-01-01/1-03-01-02
001.008.0X0	OWC-SE-12-L-X Reg. grano (vecchio codice: 001.008.000)	1-03-01-01/1-03-01-02
001.008.0Y0	OWC-SE-12-L-Y Reg. RS (vecchio codice: 001.152.000)	1-03-01-01/1-03-01-02
001.008.0Z0	OWC-SE-12-L-Z Reg. fissa	1-03-01-01/1-03-01-02
001.009.0H0	OWC-SE-12-14-H Reg. piombata	1-03-02-01/1-03-02-02
001.009.0K0	OWC-SE-12-14-K Reg. piombata plastica	1-03-02-01/1-03-02-02
001.009.0X0	OWC-SE-12-14-X Reg. grano (vecchio codice: 001.009.000)	1-03-02-01/1-03-02-02
001.009.0Y0	OWC-SE-12-14-Y Reg. RS (vecchio codice: 001.156.000)	1-03-02-01/1-03-02-02
001.009.0Z0	OWC-SE-12-14-Z Reg. fissa	1-03-02-01/1-03-02-02
001.010.0H0	OWC-DE-12-LU-H Reg. piombata	1-06-01-01/1-06-01-02
001.010.0K0	OWC-DE-12-LU-K Reg. piombata plastica	1-06-01-01/1-06-01-02
001.010.0X0	OWC-DE-12-LU-X Reg. grano (vecchio codice: 001.010.000)	1-06-01-01/1-06-01-02
001.010.0Y0	OWC-DE-12-LU-Y Reg. RS (vecchio codice: 001.160.000)	1-06-01-01/1-06-01-02
001.010.0Z0	OWC-DE-12-LU-Z Reg. fissa	1-06-01-01/1-06-01-02
001.011.0H0	WBC-40-CC-RPV9-H Reg. piombata	1-01-03-01/1-01-03-02
001.011.0X0	WBC-40-CC-RPV9-X Reg. fissa (vecchio codice: 001.011.000)	1-01-03-01/1-01-03-02
001.011.0Z0	WBC-40-CC-RPV9-Z Reg. grano (vecchio codice: 001.006.000)	1-01-03-01/1-01-03-02
001.013.0H0	WBC-40-RPV9-H Reg. piombata	1-01-02-03/1-01-02-04
001.013.0X0	WBC-40-RPV9-X Reg. grano (vecchio codice: 001.013.000)	1-01-02-03/1-01-02-04
001.013.0Z0	WBC-40-RPV9-Z Reg. fissa (vecchio codice: 001.014.000)	1-01-02-03/1-01-02-04
001.016.000	VBC-14-FF	3-15-01-01/3-15-01-02
001.017.000	VBC-14-MF	3-15-01-01/3-15-01-02
001.018.0H0	OWC-SE-38-FC1-BO4-H Reg. piombata (vecchio codice: 001.018.000)	1-05-02-01/1-05-02-02
001.018.0K0	OWC-SE-38-FC1-BO4-K Reg. piombata plastica	1-05-02-01/1-05-02-02
001.018.0X0	OWC-SE-38-FC1-BO4-X Reg. grano	1-05-02-01/1-05-02-02
001.018.0Y0	OWC-SE-38-FC1-BO4-Y Reg. RS	1-05-02-01/1-05-02-02
001.018.0Z0	OWC-SE-38-FC1-BO4-Z Reg. fissa	1-05-02-01/1-05-02-02
001.021.000	VB-14	3-15-01-01/3-15-01-02
001.022.0H0	OWC-DE-38-LU-FC2-H Reg. piombata	1-08-02-01/1-08-02-02
001.022.0K0	OWC-DE-38-LU-FC2-K Reg. piombata plastica	1-08-02-01/1-08-02-02
001.022.0X0	OWC-DE-38-LU-FC2-X Reg. grano (vecchio codice: 001.022.000)	1-08-02-01/1-08-02-02
001.022.0Y0	OWC-DE-38-LU-FC2-Y Reg. RS (vecchio codice: 001.196.000)	1-08-02-01/1-08-02-02
001.022.0Z0	OWC-DE-38-LU-FC2-Z Reg. fissa	1-08-02-01/1-08-02-02
001.023.0H0	OWC-DE-12-LU-FC2-H Reg. piombata	1-08-02-01/1-08-02-02
001.023.0K0	OWC-DE-12-LU-FC2-K Reg. piombata plastica	1-08-02-01/1-08-02-02
001.023.0X0	OWC-DE-12-LU-FC2-X Reg. grano (vecchio codice: 001.023.000)	1-08-02-01/1-08-02-02
001.023.0Y0	OWC-DE-12-LU-FC2-Y Reg. RS (vecchio codice: 001.198.000)	1-08-02-01/1-08-02-02
001.023.0Z0	OWC-DE-12-LU-FC2-Z Reg. fissa	1-08-02-01/1-08-02-02
001.024.0H0	OWC-SE-38-14FCB-H Reg. piombata	1-05-01-09/1-05-01-10
001.024.0K0	OWC-SE-38-14FCB-K Reg. piombata plastica	1-05-01-09/1-05-01-10
001.024.0X0	OWC-SE-38-14FCB-X Reg. grano (vecchio codice: 001.024.000)	1-05-01-09/1-05-01-10
001.024.0Y0	OWC-SE-38-14FCB-Y Reg. RS (vecchio codice: 001.188.000)	1-05-01-09/1-05-01-10
001.024.0Z0	OWC-SE-38-14FCB-Z Reg. fissa	1-05-01-09/1-05-01-10
001.026.0H0	WB-DE-38-LU-FC2-OIL-H Reg. piombata	1-08-02-05/1-08-02-06
001.026.0K0	WB-DE-38-LU-FC2-OIL-K Reg. piombata plastica	1-08-02-05/1-08-02-06
001.026.0X0	WB-DE-38-LU-FC2-OIL-X Reg. grano (vecchio codice: 001.026.000)	1-08-02-05/1-08-02-06
001.026.0Z0	WB-DE-38-LU-FC2-OIL-Z Reg. fissa	1-08-02-05/1-08-02-06
001.026.BH0	WB-DE-38-LU-FC2-OIL-B-H Reg. piombata	1-08-02-05/1-08-02-06
001.026.BK0	WB-DE-38-LU-FC2-OIL-B-K Reg. piombata plastica	1-08-02-05/1-08-02-06
001.026.BX0	WB-DE-38-LU-FC2-OIL-B-X Reg. grano	1-08-02-05/1-08-02-06

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001.026.BZ0	WB-DE-38-LU-FC2-OIL-B-Z Reg. fissa	1-08-02-05/1-08-02-06
001.026.DH0	WB-DE-38-LU-FC2-OIL-D-H Reg. piombata	1-08-02-05/1-08-02-06
001.026.DK0	WB-DE-38-LU-FC2-OIL-D-K Reg. piombata plastica	1-08-02-05/1-08-02-06
001.026.DX0	WB-DE-38-LU-FC2-OIL-D-X Reg. grano	1-08-02-05/1-08-02-06
001.026.DZ0	WB-DE-38-LU-FC2-OIL-D-Z Reg. fissa	1-08-02-05/1-08-02-06
001.027.0H0	OWC-DE-38-LU-FC2-OIL-H Reg. piombata	1-08-02-03/1-08-02-04
001.027.0K0	OWC-DE-38-LU-FC2-OIL-K Reg. piombata plastica	1-08-02-03/1-08-02-04
001.027.0X0	OWC-DE-38-LU-FC2-OIL-X Reg. grano (vecchio codice: 001.027.000)	1-08-02-03/1-08-02-04
001.027.0Y0	OWC-DE-38-LU-FC2-OIL-Y Reg. RS	1-08-02-03/1-08-02-04
001.027.0Z0	OWC-DE-38-LU-FC2-OIL-Z Reg. fissa	1-08-02-03/1-08-02-04
001.028.0H0	WB-DE-12-LU-FC2-OIL-H Reg. piombata	1-08-02-05/1-08-02-06
001.028.0K0	WB-DE-12-LU-FC2-OIL-K Reg. piombata plastica	1-08-02-05/1-08-02-06
001.028.0X0	WB-DE-12-LU-FC2-OIL-X Reg. grano (vecchio codice: 001.028.000)	1-08-02-05/1-08-02-06
001.028.0Z0	WB-DE-12-LU-FC2-OIL-Z Reg. fissa	1-08-02-05/1-08-02-06
001.028.BH0	WB-DE-12-LU-FC2-OIL-B-H Reg. piombata	1-08-02-05/1-08-02-06
001.028.BK0	WB-DE-12-LU-FC2-OIL-B-K Reg. piombata plastica	1-08-02-05/1-08-02-06
001.028.BX0	WB-DE-12-LU-FC2-OIL-B-X Reg. grano	1-08-02-05/1-08-02-06
001.028.BZ0	WB-DE-12-LU-FC2-OIL-B-Z Reg. fissa	1-08-02-05/1-08-02-06
001.028.DH0	WB-DE-12-LU-FC2-OIL-D-H Reg. piombata	1-08-02-05/1-08-02-06
001.028.DK0	WB-DE-12-LU-FC2-OIL-D-K Reg. piombata plastica	1-08-02-05/1-08-02-06
001.028.DX0	WB-DE-12-LU-FC2-OIL-D-X Reg. grano	1-08-02-05/1-08-02-06
001.028.DZ0	WB-DE-12-LU-FC2-OIL-D-Z Reg. fissa	1-08-02-05/1-08-02-06
001.029.0H0	OWC-DE-12-LU-FC2-OIL-H Reg. piombata	1-08-02-03/1-08-02-04
001.029.0K0	OWC-DE-12-LU-FC2-OIL-K Reg. piombata plastica	1-08-02-03/1-08-02-04
001.029.0X0	OWC-DE-12-LU-FC2-OIL-X Reg. grano (vecchio codice: 001.029.000)	1-08-02-03/1-08-02-04
001.029.0Y0	OWC-DE-12-LU-FC2-OIL-Y Reg. RS	1-08-02-03/1-08-02-04
001.029.0Z0	OWC-DE-12-LU-FC2-OIL-Z Reg. fissa	1-08-02-03/1-08-02-04
001.030.0H0	OWC-SE-12-14FCB-H Reg. piombata	1-05-01-09/1-05-01-10
001.030.0K0	OWC-SE-12-14FCB-K Reg. piombata plastica	1-05-01-09/1-05-01-10
001.030.0X0	OWC-SE-12-14FCB-X Reg. grano (vecchio codice: 001.030.000)	1-05-01-09/1-05-01-10
001.030.0Y0	OWC-SE-12-14FCB-Y Reg. RS (vecchio codice: 001.186.000)	1-05-01-09/1-05-01-10
001.030.0Z0	OWC-SE-12-14FCB-Z Reg. fissa	1-05-01-09/1-05-01-10
001.031.000	VB-38	3-15-01-01/3-15-01-02
001.032.000	VB-12	3-15-01-01/3-15-01-02
001.033.000	VB-34	3-15-01-01/3-15-01-02
001.034.000	VB-100	3-15-01-01/3-15-01-02
001.035.000	VB-14	3-15-01-01/3-15-01-02
001.036.000	VBC-38-MF	3-15-01-01/3-15-01-02
001.037.000	VBC-12-MF	3-15-01-01/3-15-01-02
001.038.000	VBC-34-MF	3-15-01-01/3-15-01-02
001.039.000	VBC-100-MF	3-15-01-01/3-15-01-02
001.040.000	VBC-14-MF	3-15-01-01/3-15-01-02
001.041.000	VBC-38-FF	3-15-01-01/3-15-01-02
001.042.000	VBC-12-FF	3-15-01-01/3-15-01-02
001.043.000	VBC-34-FF	3-15-01-01/3-15-01-02
001.044.000	VBC-100-FF	3-15-01-01/3-15-01-02
001.045.000	VBC-14-FF	3-15-01-01/3-15-01-02
001.046.0H0	OWC-40-H Reg. piombata (vecchio codice: 001.471.000)	1-01-01-01/1-01-01-02
001.046.0K0	OWC-40-K Reg. piombata plastica	1-01-01-01/1-01-01-02
001.046.0X0	OWC-40-X Reg. grano (vecchio codice: 001.046.000)	1-01-01-01/1-01-01-02
001.046.0Y0	OWC-40-Y Reg. RS (vecchio codice: 001.072.000)	1-01-01-01/1-01-01-02
001.046.0Z0	OWC-40-Z Reg. fissa	1-01-01-01/1-01-01-02
001.047.0H0	WB-DE-38-LU-FC2-OIL-H Reg. piombata	1-08-02-05/1-08-02-06
001.047.0K0	WB-DE-38-LU-FC2-OIL-K Reg. piombata plastica	1-08-02-05/1-08-02-06
001.047.0X0	WB-DE-38-LU-FC2-OIL-X Reg. grano (vecchio codice: 001.047.000)	1-08-02-05/1-08-02-06
001.047.0Z0	WB-DE-38-LU-FC2-OIL-Z Reg. fissa	1-08-02-05/1-08-02-06
001.047.BH0	WB-DE-38-LU-FC2-OIL-B-H Reg. piombata	1-08-02-05/1-08-02-06
001.047.BK0	WB-DE-38-LU-FC2-OIL-B-K Reg. piombata plastica	1-08-02-05/1-08-02-06
001.047.BX0	WB-DE-38-LU-FC2-OIL-B-X Reg. grano	1-08-02-05/1-08-02-06
001.047.BZ0	WB-DE-38-LU-FC2-OIL-B-Z Reg. fissa	1-08-02-05/1-08-02-06
001.047.DH0	WB-DE-38-LU-FC2-OIL-D-H Reg. piombata	1-08-02-05/1-08-02-06
001.047.DK0	WB-DE-38-LU-FC2-OIL-D-K Reg. piombata plastica	1-08-02-05/1-08-02-06
001.047.DX0	WB-DE-38-LU-FC2-OIL-D-X Reg. grano	1-08-02-05/1-08-02-06
001.047.DZ0	WB-DE-38-LU-FC2-OIL-D-Z Reg. fissa	1-08-02-05/1-08-02-06
001.048.0H0	OWC-DE-38-LU-FC2-OIL-H Reg. piombata	1-08-02-03/1-08-02-04
001.048.0K0	OWC-DE-38-LU-FC2-OIL-K Reg. piombata plastica	1-08-02-03/1-08-02-04
001.048.0X0	OWC-DE-38-LU-FC2-OIL-X Reg. grano (vecchio codice: 001.048.000)	1-08-02-03/1-08-02-04
001.048.0Y0	OWC-DE-38-LU-FC2-OIL-Y Reg. RS	1-08-02-03/1-08-02-04
001.048.0Z0	OWC-DE-38-LU-FC2-OIL-Z Reg. fissa	1-08-02-03/1-08-02-04
001.049.0H0	WB-DE-12-LU-FC2-OIL-H Reg. piombata	1-08-02-05/1-08-02-06
001.049.0K0	WB-DE-12-LU-FC2-OIL-K Reg. piombata plastica	1-08-02-05/1-08-02-06
001.049.0X0	WB-DE-12-LU-FC2-OIL-X Reg. grano (vecchio codice: 001.049.000)	1-08-02-05/1-08-02-06
001.049.0Z0	WB-DE-12-LU-FC2-OIL-Z Reg. fissa	1-08-02-05/1-08-02-06
001.049.BH0	WB-DE-12-LU-FC2-OIL-B-H Reg. piombata	1-08-02-05/1-08-02-06

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001.049.BK0	WB-DE-12-LU-FC2-OIL-B-K Reg. piombata plastica	1-08-02-05/1-08-02-06
001.049.BX0	WB-DE-12-LU-FC2-OIL-B-X Reg. grano	1-08-02-05/1-08-02-06
001.049.BZ0	WB-DE-12-LU-FC2-OIL-B-Z Reg. fissa	1-08-02-05/1-08-02-06
001.049.DH0	WB-DE-12-LU-FC2-OIL-D-H Reg. piombata	1-08-02-05/1-08-02-06
001.049.DK0	WB-DE-12-LU-FC2-OIL-D-K Reg. piombata plastica	1-08-02-05/1-08-02-06
001.049.DX0	WB-DE-12-LU-FC2-OIL-D-X Reg. grano	1-08-02-05/1-08-02-06
001.049.DZ0	WB-DE-12-LU-FC2-OIL-D-Z Reg. fissa	1-08-02-05/1-08-02-06
001.050.0H0	OWC-DE-12-LU-FC2-OIL-H Reg. piombata	1-08-02-03/1-08-02-04
001.050.0K0	OWC-DE-12-LU-FC2-OIL-K Reg. piombata plastica	1-08-02-03/1-08-02-04
001.050.0X0	OWC-DE-12-LU-FC2-OIL-X Reg. grano (vecchio codice: 001.050.000)	1-08-02-03/1-08-02-04
001.050.0Y0	OWC-DE-12-LU-FC2-OIL-Y Reg. RS	1-08-02-03/1-08-02-04
001.050.0Z0	OWC-DE-12-LU-FC2-OIL-Z Reg. fissa	1-08-02-03/1-08-02-04
001.053.0H0	OWC-SE-38-L-H Reg. piombata	1-03-01-01/1-03-01-02
001.053.0K0	OWC-SE-38-L-K Reg. piombata plastica	1-03-01-01/1-03-01-02
001.053.0X0	OWC-SE-38-L-X Reg. grano (vecchio codice: 001.053.000)	1-03-01-01/1-03-01-02
001.053.0Y0	OWC-SE-38-L-Y Reg. RS (vecchio codice: 001.151.000)	1-03-01-01/1-03-01-02
001.053.0Z0	OWC-SE-38-L-Z Reg. fissa	1-03-01-01/1-03-01-02
001.054.0H0	OWC-SE-38-14-H Reg. piombata	1-03-02-01/1-03-02-02
001.054.0K0	OWC-SE-38-14-K Reg. piombata plastica	1-03-02-01/1-03-02-02
001.054.0X0	OWC-SE-38-14-X Reg. grano (vecchio codice: 001.054.000)	1-03-02-01/1-03-02-02
001.054.0Y0	OWC-SE-38-14-Y Reg. RS (vecchio codice: 001.155.000)	1-03-02-01/1-03-02-02
001.054.0Z0	OWC-SE-38-14-Z Reg. fissa	1-03-02-01/1-03-02-02
001.055.0H0	OWC-DE-38-LU-H Reg. piombata	1-06-01-01/1-06-01-02
001.055.0K0	OWC-DE-38-LU-K Reg. piombata plastica	1-06-01-01/1-06-01-02
001.055.0X0	OWC-DE-38-LU-X Reg. grano (vecchio codice: 001.055.000)	1-06-01-01/1-06-01-02
001.055.0Y0	OWC-DE-38-LU-Y Reg. RS (vecchio codice: 001.159.000)	1-06-01-01/1-06-01-02
001.055.0Z0	OWC-DE-38-LU-Z Reg. fissa	1-06-01-01/1-06-01-02
001.058.0H0	OWC-SE-12-L-H Reg. piombata	1-03-01-01/1-03-01-02
001.058.0K0	OWC-SE-12-L-K Reg. piombata plastica	1-03-01-01/1-03-01-02
001.058.0X0	OWC-SE-12-L-X Reg. grano (vecchio codice: 001.058.000)	1-03-01-01/1-03-01-02
001.058.0Y0	OWC-SE-12-L-Y Reg. RS (vecchio codice: 001.153.000)	1-03-01-01/1-03-01-02
001.058.0Z0	OWC-SE-12-L-Z Reg. fissa	1-03-01-01/1-03-01-02
001.059.0H0	OWC-SE-12-14-H Reg. piombata	1-03-02-01/1-03-02-02
001.059.0K0	OWC-SE-12-14-K Reg. piombata plastica	1-03-02-01/1-03-02-02
001.059.0X0	OWC-SE-12-14-X Reg. grano (vecchio codice: 001.059.000)	1-03-02-01/1-03-02-02
001.059.0Y0	OWC-SE-12-14-Y Reg. RS (vecchio codice: 001.157.000)	1-03-02-01/1-03-02-02
001.059.0Z0	OWC-SE-12-14-Z Reg. fissa	1-03-02-01/1-03-02-02
001.060.0H0	OWC-DE-12-LU-H Reg. piombata	1-06-01-01/1-06-01-02
001.060.0K0	OWC-DE-12-LU-K Reg. piombata plastica	1-06-01-01/1-06-01-02
001.060.0X0	OWC-DE-12-LU-X Reg. grano (vecchio codice: 001.060.000)	1-06-01-01/1-06-01-02
001.060.0Y0	OWC-DE-12-LU-Y Reg. RS (vecchio codice: 001.161.000)	1-06-01-01/1-06-01-02
001.060.0Z0	OWC-DE-12-LU-Z Reg. fissa	1-06-01-01/1-06-01-02
001.065.0H0	OWC-SE-38-FC1-BO4-H Reg. piombata (vecchio codice: 001.065.000)	1-05-02-01/1-05-02-02
001.065.0K0	OWC-SE-38-FC1-BO4-K Reg. piombata plastica (vecchio codice: 001.065.000)	1-05-02-01/1-05-02-02
001.065.0X0	OWC-SE-38-FC1-BO4-X Reg. grano (vecchio codice: 001.065.000)	1-05-02-01/1-05-02-02
001.065.0Y0	OWC-SE-38-FC1-BO4-Y Reg. RS (vecchio codice: 001.065.000)	1-05-02-01/1-05-02-02
001.065.0Z0	OWC-SE-38-FC1-BO4-Z Reg. fissa (vecchio codice: 001.065.000)	1-05-02-01/1-05-02-02
001.069.0H0	OWC-DE-38-LU-FC2-H Reg. piombata	1-08-02-01/1-08-02-02
001.069.0K0	OWC-DE-38-LU-FC2-K Reg. piombata plastica	1-08-02-01/1-08-02-02
001.069.0X0	OWC-DE-38-LU-FC2-X Reg. grano (vecchio codice: 001.069.000)	1-08-02-01/1-08-02-02
001.069.0Y0	OWC-DE-38-LU-FC2-Y Reg. RS (vecchio codice: 001.197.000)	1-08-02-01/1-08-02-02
001.069.0Z0	OWC-DE-38-LU-FC2-Z Reg. fissa	1-08-02-01/1-08-02-02
001.070.0H0	OWC-DE-12-LU-FC2-H Reg. piombata	1-08-02-01/1-08-02-02
001.070.0K0	OWC-DE-12-LU-FC2-K Reg. piombata plastica	1-08-02-01/1-08-02-02
001.070.0X0	OWC-DE-12-LU-FC2-X Reg. grano (vecchio codice: 001.070.000)	1-08-02-01/1-08-02-02
001.070.0Y0	OWC-DE-12-LU-FC2-Y Reg. RS (vecchio codice: 001.199.000)	1-08-02-01/1-08-02-02
001.070.0Z0	OWC-DE-12-LU-FC2-Z Reg. fissa	1-08-02-01/1-08-02-02
001.071.0H0	OWC-SE-38-14FCB-H Reg. piombata	1-05-01-09/1-05-01-10
001.071.0K0	OWC-SE-38-14FCB-K Reg. piombata plastica	1-05-01-09/1-05-01-10
001.071.0X0	OWC-SE-38-14FCB-X Reg. grano (vecchio codice: 001.071.000)	1-05-01-09/1-05-01-10
001.071.0Y0	OWC-SE-38-14FCB-Y Reg. RS (vecchio codice: 001.189.000)	1-05-01-09/1-05-01-10
001.071.0Z0	OWC-SE-38-14FCB-Z Reg. fissa	1-05-01-09/1-05-01-10
001.073.0H0	OWC-SE-12-14FCB-H Reg. piombata	1-05-01-09/1-05-01-10
001.073.0K0	OWC-SE-12-14FCB-K Reg. piombata plastica	1-05-01-09/1-05-01-10
001.073.0X0	OWC-SE-12-14FCB-X Reg. grano (vecchio codice: 001.073.000)	1-05-01-09/1-05-01-10
001.073.0Y0	OWC-SE-12-14FCB-Y Reg. RS (vecchio codice: 001.187.000)	1-05-01-09/1-05-01-10
001.073.0Z0	OWC-SE-12-14FCB-Z Reg. fissa	1-05-01-09/1-05-01-10
001.078.0H0	A-OWB-DE-14-LU-H Reg. piombata	1-06-01-11/1-06-01-12
001.078.0K0	A-OWB-DE-14-LU-K Reg. piombata plastica	1-06-01-11/1-06-01-12
001.078.0X0	A-OWB-DE-14-LU-X Reg. grano (vecchio codice: 001.078.000)	1-06-01-11/1-06-01-12
001.078.0Y0	A-OWB-DE-14-LU-Y Reg. RS	1-06-01-11/1-06-01-12
001.078.0Z0	A-OWB-DE-14-LU-Z Reg. fissa	1-06-01-11/1-06-01-12
001.079.0H0	A-OWB-DE-14-LU-H Reg. piombata	1-06-01-11/1-06-01-12
001.079.0K0	A-OWB-DE-14-LU-K Reg. piombata plastica	1-06-01-11/1-06-01-12

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001.079.0X0	A-OWB-DE-14-LU-X Reg. grano (vecchio codice: 001.079.000)	1-06-01-11/1-06-01-12
001.079.0Y0	A-OWB-DE-14-LU-Y Reg. RS	1-06-01-11/1-06-01-12
001.079.0Z0	A-OWB-DE-14-LU-Z Reg. fissa	1-06-01-11/1-06-01-12
001.080.0H0	A-OWB-DE-38-LU-H Reg. piombata	1-06-01-11/1-06-01-12
001.080.0K0	A-OWB-DE-38-LU-K Reg. piombata plastica	1-06-01-11/1-06-01-12
001.080.0X0	A-OWB-DE-38-LU-X Reg. grano (vecchio codice: 001.080.000)	1-06-01-11/1-06-01-12
001.080.0Y0	A-OWB-DE-38-LU-Y Reg. RS	1-06-01-11/1-06-01-12
001.080.0Z0	A-OWB-DE-38-LU-Z Reg. fissa	1-06-01-11/1-06-01-12
001.081.0H0	A-OWB-DE-38-LU-H Reg. piombata	1-06-01-11/1-06-01-12
001.081.0K0	A-OWB-DE-38-LU-K Reg. piombata plastica	1-06-01-11/1-06-01-12
001.081.0X0	A-OWB-DE-38-LU-X Reg. grano (vecchio codice: 001.081.000)	1-06-01-11/1-06-01-12
001.081.0Y0	A-OWB-DE-38-LU-Y Reg. RS	1-06-01-11/1-06-01-12
001.081.0Z0	A-OWB-DE-38-LU-Z Reg. fissa	1-06-01-11/1-06-01-12
001.082.0H0	A-OWB-DE-12-LU-H Reg. piombata	1-06-01-11/1-06-01-12
001.082.0K0	A-OWB-DE-12-LU-K Reg. piombata plastica	1-06-01-11/1-06-01-12
001.082.0X0	A-OWB-DE-12-LU-X Reg. grano (vecchio codice: 001.082.000)	1-06-01-11/1-06-01-12
001.082.0Y0	A-OWB-DE-12-LU-Y Reg. RS	1-06-01-11/1-06-01-12
001.082.0Z0	A-OWB-DE-12-LU-Z Reg. fissa	1-06-01-11/1-06-01-12
001.083.0H0	A-OWB-DE-12-LU-H Reg. piombata	1-06-01-11/1-06-01-12
001.083.0K0	A-OWB-DE-12-LU-K Reg. piombata plastica	1-06-01-11/1-06-01-12
001.083.0X0	A-OWB-DE-12-LU-X Reg. grano (vecchio codice: 001.083.000)	1-06-01-11/1-06-01-12
001.083.0Y0	A-OWB-DE-12-LU-Y Reg. RS	1-06-01-11/1-06-01-12
001.083.0Z0	A-OWB-DE-12-LU-Z Reg. fissa	1-06-01-11/1-06-01-12
001.084.0H0	A-OWC-SE-14-L-FR-H Reg. piombata	1-03-01-03/1-03-01-04
001.084.0K0	A-OWC-SE-14-L-FR-K Reg. piombata plastica	1-03-01-03/1-03-01-04
001.084.0X0	A-OWC-SE-14-L-FR-X Reg. grano (vecchio codice: 001.084.000)	1-03-01-03/1-03-01-04
001.084.0Y0	A-OWC-SE-14-L-FR-Y Reg. RS	1-03-01-03/1-03-01-04
001.084.0Z0	A-OWC-SE-14-L-FR-Z Reg. fissa	1-03-01-03/1-03-01-04
001.085.0H0	A-OWC-SE-14-L-FR-H Reg. piombata	1-03-01-03/1-03-01-04
001.085.0K0	A-OWC-SE-14-L-FR-K Reg. piombata plastica	1-03-01-03/1-03-01-04
001.085.0X0	A-OWC-SE-14-L-FR-X Reg. grano (vecchio codice: 001.085.000)	1-03-01-03/1-03-01-04
001.085.0Y0	A-OWC-SE-14-L-FR-Y Reg. RS	1-03-01-03/1-03-01-04
001.085.0Z0	A-OWC-SE-14-L-FR-Z Reg. fissa	1-03-01-03/1-03-01-04
001.086.0H0	A-OWC-SE-38-L-FR-H Reg. piombata	1-03-01-03/1-03-01-04
001.086.0K0	A-OWC-SE-38-L-FR-K Reg. piombata plastica	1-03-01-03/1-03-01-04
001.086.0X0	A-OWC-SE-38-L-FR-X Reg. grano (vecchio codice: 001.086.000)	1-03-01-03/1-03-01-04
001.086.0Y0	A-OWC-SE-38-L-FR-Y Reg. RS	1-03-01-03/1-03-01-04
001.086.0Z0	A-OWC-SE-38-L-FR-Z Reg. fissa	1-03-01-03/1-03-01-04
001.087.0H0	A-OWC-SE-38-L-FR-H Reg. piombata	1-03-01-03/1-03-01-04
001.087.0K0	A-OWC-SE-38-L-FR-K Reg. piombata plastica	1-03-01-03/1-03-01-04
001.087.0X0	A-OWC-SE-38-L-FR-X Reg. grano (vecchio codice: 001.087.000)	1-03-01-03/1-03-01-04
001.087.0Y0	A-OWC-SE-38-L-FR-Y Reg. RS	1-03-01-03/1-03-01-04
001.087.0Z0	A-OWC-SE-38-L-FR-Z Reg. fissa	1-03-01-03/1-03-01-04
001.088.0H0	A-OWC-SE-12-L-FR-H Reg. piombata	1-03-01-03/1-03-01-04
001.088.0K0	A-OWC-SE-12-L-FR-K Reg. piombata plastica	1-03-01-03/1-03-01-04
001.088.0X0	A-OWC-SE-12-L-FR-X Reg. grano (vecchio codice: 001.088.000)	1-03-01-03/1-03-01-04
001.088.0Y0	A-OWC-SE-12-L-FR-Y Reg. RS	1-03-01-03/1-03-01-04
001.088.0Z0	A-OWC-SE-12-L-FR-Z Reg. fissa	1-03-01-03/1-03-01-04
001.091.000(	OWC-40-H Reg. piombata (vecchio codice: 001.091.000)	1-01-01-01/1-01-01-02
001.093.0H0	A-OWC-SE-12-L-FR-H Reg. piombata	1-03-01-03/1-03-01-04
001.093.0K0	A-OWC-SE-12-L-FR-K Reg. piombata plastica	1-03-01-03/1-03-01-04
001.093.0X0	A-OWC-SE-12-L-FR-X Reg. grano (vecchio codice: 001.093.000)	1-03-01-03/1-03-01-04
001.093.0Y0	A-OWC-SE-12-L-FR-Y Reg. RS	1-03-01-03/1-03-01-04
001.093.0Z0	A-OWC-SE-12-L-FR-Z Reg. fissa	1-03-01-03/1-03-01-04
001.094.0H0	OWC-DE-VFF-100-14-FVM2-90-108-H Reg. piombata	1-08-03-01/1-08-03-02
001.094.0K0	OWC-DE-VFF-100-14-FVM2-90-108-K Reg. piombata plastica	1-08-03-01/1-08-03-02
001.094.0X0	OWC-DE-VFF-100-14-FVM2-90-108-X Reg. grano (vecchio codice: 001.094.000)	1-08-03-01/1-08-03-02
001.094.0Z0	OWC-DE-VFF-100-14-FVM2-90-108-Z Reg. fissa	1-08-03-01/1-08-03-02
001.095.0H0	OWC-DE-VFF-12-14-FVM2-20-30-H Reg. piombata	1-08-03-01/1-08-03-02
001.095.0K0	OWC-DE-VFF-12-14-FVM2-20-30-K Reg. piombata plastica	1-08-03-01/1-08-03-02
001.095.0X0	OWC-DE-VFF-12-14-FVM2-20-30-X Reg. grano (vecchio codice: 001.095.000)	1-08-03-01/1-08-03-02
001.095.0Z0	OWC-DE-VFF-12-14-FVM2-20-30-Z Reg. fissa	1-08-03-01/1-08-03-02
001.101.0H0	OWC-DE-VFF-34-14-FVM2-45-55-75-H Reg. piombata	1-08-03-01/1-08-03-02
001.101.0K0	OWC-DE-VFF-34-14-FVM2-45-55-75-K Reg. piombata plastica	1-08-03-01/1-08-03-02
001.101.0X0	OWC-DE-VFF-34-14-FVM2-45-55-75-X Reg. grano (vecchio codice: 010.450.102)	1-08-03-01/1-08-03-02
001.101.0Z0	OWC-DE-VFF-34-14-FVM2-45-55-75-Z Reg. fissa	1-08-03-01/1-08-03-02
001.102.0H0	OWC-DE-VFF-100-14-FH2V-75-108-H Reg. piombata	1-08-03-03/1-08-03-04
001.102.0K0	OWC-DE-VFF-100-14-FH2V-75-108-K Reg. piombata plastica	1-08-03-03/1-08-03-04
001.102.0X0	OWC-DE-VFF-100-14-FH2V-75-108-X Reg. grano (vecchio codice: 010.451.101)	1-08-03-03/1-08-03-04
001.102.0Z0	OWC-DE-VFF-100-14-FH2V-75-108-Z Reg. fissa	1-08-03-03/1-08-03-04
001.103.0H0	OWC-DE-VFF-100-14-FH2V-160-226-H Reg. piombata	1-08-03-03/1-08-03-04
001.103.0K0	OWC-DE-VFF-100-14-FH2V-160-226-K Reg. piombata plastica	1-08-03-03/1-08-03-04
001.103.0X0	OWC-DE-VFF-100-14-FH2V-160-226-X Reg. grano (vecchio codice: 010.451.102)	1-08-03-03/1-08-03-04
001.103.0Z0	OWC-DE-VFF-100-14-FH2V-160-226-Z Reg. fissa	1-08-03-03/1-08-03-04

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001.104.0H0	OWC-DE-VFF-34-14-FH2V-55-H Reg. piombata	1-08-03-01/1-08-03-02
001.104.0K0	OWC-DE-VFF-34-14-FH2V-55-K Reg. piombata plastica	1-08-03-01/1-08-03-02
001.104.0X0	OWC-DE-VFF-34-14-FH2V-55-X Reg. grano (vecchio codice: 001.104.000)	1-08-03-01/1-08-03-02
001.104.0Z0	OWC-DE-VFF-34-14-FH2V-55-Z Reg. fissa	1-08-03-01/1-08-03-02
001.106.0H0	OWC-DE-14-LU-H Reg. piombata	1-06-01-01/1-06-01-02
001.106.0K0	OWC-DE-14-LU-K Reg. piombata plastica	1-06-01-01/1-06-01-02
001.106.0X0	OWC-DE-14-LU-X Reg. grano (vecchio codice: 001.106.000)	1-06-01-01/1-06-01-02
001.106.0Y0	OWC-DE-14-LU-Y Reg. RS	1-06-01-01/1-06-01-02
001.106.0Z0	OWC-DE-14-LU-Z Reg. fissa	1-06-01-01/1-06-01-02
001.107.0H0	OWC-DE-14-LU-H Reg. piombata	1-06-01-01/1-06-01-02
001.107.0K0	OWC-DE-14-LU-K Reg. piombata plastica	1-06-01-01/1-06-01-02
001.107.0X0	OWC-DE-14-LU-X Reg. grano (vecchio codice: 001.107.000)	1-06-01-01/1-06-01-02
001.107.0Y0	OWC-DE-14-LU-Y Reg. RS	1-06-01-01/1-06-01-02
001.107.0Z0	OWC-DE-14-LU-Z Reg. fissa	1-06-01-01/1-06-01-02
001.119.0H0	WB-SE-38-14FCB-PL-H Reg. piombata	1-05-01-07/1-05-01-08
001.119.0K0	WB-SE-38-14FCB-PL-K Reg. piombata plastica	1-05-01-07/1-05-01-08
001.119.0X0	WB-SE-38-14FCB-PL-X Reg. grano (vecchio codice: 001.119.000)	1-05-01-07/1-05-01-08
001.119.0Z0	WB-SE-38-14FCB-PL-Z Reg. fissa	1-05-01-07/1-05-01-08
001.119.AH0	WB-SE-38-14FCB-PL-A-H Reg. piombata	1-05-01-07/1-05-01-08
001.119.AK0	WB-SE-38-14FCB-PL-A-K Reg. piombata plastica	1-05-01-07/1-05-01-08
001.119.AX0	WB-SE-38-14FCB-PL-A-X Reg. grano	1-05-01-07/1-05-01-08
001.119.AZ0	WB-SE-38-14FCB-PL-A-Z Reg. fissa	1-05-01-07/1-05-01-08
001.119.BH0	WB-SE-38-14FCB-PL-B-H Reg. piombata	1-05-01-07/1-05-01-08
001.119.BK0	WB-SE-38-14FCB-PL-B-K Reg. piombata plastica	1-05-01-07/1-05-01-08
001.119.BX0	WB-SE-38-14FCB-PL-B-X Reg. grano	1-05-01-07/1-05-01-08
001.119.BZ0	WB-SE-38-14FCB-PL-B-Z Reg. fissa	1-05-01-07/1-05-01-08
001.119.CH0	WB-SE-38-14FCB-PL-C-H Reg. piombata	1-05-01-07/1-05-01-08
001.119.CK0	WB-SE-38-14FCB-PL-C-K Reg. piombata plastica	1-05-01-07/1-05-01-08
001.119.CX0	WB-SE-38-14FCB-PL-C-X Reg. grano	1-05-01-07/1-05-01-08
001.119.CZ0	WB-SE-38-14FCB-PL-C-Z Reg. fissa	1-05-01-07/1-05-01-08
001.120.0H0	WB-CCN-DE-38-LU-FC2-OIL-H Reg. piombata	1-07-04-01/1-07-04-02
001.120.0X0	WB-CCN-DE-38-LU-FC2-OIL-X Reg. grano	1-07-04-01/1-07-04-02
001.120.0Z0	WB-CCN-DE-38-LU-FC2-OIL-Z Reg. fissa	1-07-04-01/1-07-04-02
001.120.DH0	WB-CCN-DE-38-LU-FC2-OIL-D-H Reg. piombata	1-07-04-01/1-07-04-02
001.120.DX0	WB-CCN-DE-38-LU-FC2-OIL-D-X Reg. grano	1-07-04-01/1-07-04-02
001.120.DZ0	WB-CCN-DE-38-LU-FC2-OIL-D-Z Reg. fissa	1-07-04-01/1-07-04-02
001.120.WH0	WB-CCN-DE-38-LU-FC2-OIL-W-H Reg. piombata	1-07-04-01/1-07-04-02
001.120.WX0	WB-CCN-DE-38-LU-FC2-OIL-W-X Reg. grano	1-07-04-01/1-07-04-02
001.120.WZ0	WB-CCN-DE-38-LU-FC2-OIL-W-Z Reg. fissa	1-07-04-01/1-07-04-02
001.121.0H0	WB-CCN-DE-38-LU-FC2-OIL-H Reg. piombata	1-07-04-01/1-07-04-02
001.121.0X0	WB-CCN-DE-38-LU-FC2-OIL-X Reg. grano	1-07-04-01/1-07-04-02
001.121.0Z0	WB-CCN-DE-38-LU-FC2-OIL-Z Reg. fissa	1-07-04-01/1-07-04-02
001.121.DH0	WB-CCN-DE-38-LU-FC2-OIL-D-H Reg. piombata	1-07-04-01/1-07-04-02
001.121.DX0	WB-CCN-DE-38-LU-FC2-OIL-D-X Reg. grano	1-07-04-01/1-07-04-02
001.121.DZ0	WB-CCN-DE-38-LU-FC2-OIL-D-Z Reg. fissa	1-07-04-01/1-07-04-02
001.121.WH0	WB-CCN-DE-38-LU-FC2-OIL-W-H Reg. piombata	1-07-04-01/1-07-04-02
001.121.WX0	WB-CCN-DE-38-LU-FC2-OIL-W-X Reg. grano	1-07-04-01/1-07-04-02
001.121.WZ0	WB-CCN-DE-38-LU-FC2-OIL-W-Z Reg. fissa	1-07-04-01/1-07-04-02
001.122.0H0	WB-CCN-DE-12-LU-FC2-OIL-H Reg. piombata	1-07-04-01/1-07-04-02
001.122.0X0	WB-CCN-DE-12-LU-FC2-OIL-X Reg. grano	1-07-04-01/1-07-04-02
001.122.0Z0	WB-CCN-DE-12-LU-FC2-OIL-Z Reg. fissa	1-07-04-01/1-07-04-02
001.122.DH0	WB-CCN-DE-12-LU-FC2-OIL-D-H Reg. piombata	1-07-04-01/1-07-04-02
001.122.DX0	WB-CCN-DE-12-LU-FC2-OIL-D-X Reg. grano	1-07-04-01/1-07-04-02
001.122.DZ0	WB-CCN-DE-12-LU-FC2-OIL-D-Z Reg. fissa	1-07-04-01/1-07-04-02
001.122.WH0	WB-CCN-DE-12-LU-FC2-OIL-W-H Reg. piombata	1-07-04-01/1-07-04-02
001.122.WX0	WB-CCN-DE-12-LU-FC2-OIL-W-X Reg. grano	1-07-04-01/1-07-04-02
001.122.WZ0	WB-CCN-DE-12-LU-FC2-OIL-W-Z Reg. fissa	1-07-04-01/1-07-04-02
001.123.0H0	WB-CCN-DE-12-LU-FC2-OIL-H Reg. piombata	1-07-04-01/1-07-04-02
001.123.0X0	WB-CCN-DE-12-LU-FC2-OIL-X Reg. grano	1-07-04-01/1-07-04-02
001.123.0Z0	WB-CCN-DE-12-LU-FC2-OIL-Z Reg. fissa	1-07-04-01/1-07-04-02
001.123.DH0	WB-CCN-DE-12-LU-FC2-OIL-D-H Reg. piombata	1-07-04-01/1-07-04-02
001.123.DX0	WB-CCN-DE-12-LU-FC2-OIL-D-X Reg. grano	1-07-04-01/1-07-04-02
001.123.DZ0	WB-CCN-DE-12-LU-FC2-OIL-D-Z Reg. fissa	1-07-04-01/1-07-04-02
001.123.WH0	WB-CCN-DE-12-LU-FC2-OIL-W-H Reg. piombata	1-07-04-01/1-07-04-02
001.123.WX0	WB-CCN-DE-12-LU-FC2-OIL-W-X Reg. grano	1-07-04-01/1-07-04-02
001.123.WZ0	WB-CCN-DE-12-LU-FC2-OIL-W-Z Reg. fissa	1-07-04-01/1-07-04-02
001.202.0H0	OWC-SE-12-FMD-G-H Reg. piombata	1-05-04-03/1-05-04-04
001.202.0K0	OWC-SE-12-FMD-G-K Reg. piombata plastica	1-05-04-03/1-05-04-04
001.202.0X0	OWC-SE-12-FMD-G-X Reg. grano (vecchio codice: 001.202.000)	1-05-04-03/1-05-04-04
001.202.0Y0	OWC-SE-12-FMD-G-Y Reg. RS (vecchio codice: 001.202.000)	1-05-04-03/1-05-04-04
001.202.0Z0	OWC-SE-12-FMD-G-Z Reg. fissa (vecchio codice: 001.202.000)	1-05-04-03/1-05-04-04
001.209.0H0	A-OWC-SE-38-FC1-BO4-H Reg. piombata (vecchio codice: 001.209.000)	1-05-02-01/1-05-02-02
001.209.0K0	A-OWC-SE-38-FC1-BO4-K Reg. piombata plastica	1-05-02-01/1-05-02-02
001.209.0X0	A-OWC-SE-38-FC1-BO4-X Reg. grano	1-05-02-01/1-05-02-02

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001.209.0Y0	A-OWC-SE-38-FC1-BO4-Y Reg. RS (vecchio codice: 001.176.000)	1-05-02-01/1-05-02-02
001.209.0Z0	A-OWC-SE-38-FC1-BO4-Z Reg. fissa	1-05-02-01/1-05-02-02
001.210.0H0	A-OWC-SE-38-FC1-BO4-H Reg. piombata (vecchio codice: 001.210.000)	1-05-02-01/1-05-02-02
001.210.0K0	A-OWC-SE-38-FC1-BO4-K Reg. piombata plastica	1-05-02-01/1-05-02-02
001.210.0X0	A-OWC-SE-38-FC1-BO4-X Reg. grano	1-05-02-01/1-05-02-02
001.210.0Y0	A-OWC-SE-38-FC1-BO4-Y Reg. RS (vecchio codice: 001.177.000)	1-05-02-01/1-05-02-02
001.210.0Z0	A-OWC-SE-38-FC1-BO4-Z Reg. fissa	1-05-02-01/1-05-02-02
001.219.0H0	OWC-SE-34-L-H Reg. piombata	1-03-01-07/1-03-01-08
001.219.0K0	OWC-SE-34-L-K Reg. piombata plastica	1-03-01-07/1-03-01-08
001.219.0X0	OWC-SE-34-L-X Reg. grano (vecchio codice: 001.219.000)	1-03-01-07/1-03-01-08
001.219.0Z0	OWC-SE-34-L-Z Reg. fissa	1-03-01-07/1-03-01-08
001.226.0H0	OWC-DE-L6-H Reg. piombata	1-11-04-01/1-11-04-02
001.226.0K0	OWC-DE-L6-K Reg. piombata plastica	1-11-04-01/1-11-04-02
001.226.0X0	OWC-DE-L6-X Reg. grano	1-11-04-01/1-11-04-02
001.226.0Y0	OWC-DE-L6-Y Reg. RS (vecchio codice: 001.226.000)	1-11-04-01/1-11-04-02
001.226.0Z0	OWC-DE-L6-Z Reg. fissa	1-11-04-01/1-11-04-02
001.227.0H0	OWC-DE-L6-H Reg. piombata	1-11-04-01/1-11-04-02
001.227.0K0	OWC-DE-L6-K Reg. piombata plastica	1-11-04-01/1-11-04-02
001.227.0X0	OWC-DE-L6-X Reg. grano	1-11-04-01/1-11-04-02
001.227.0Y0	OWC-DE-L6-Y Reg. RS (vecchio codice: 001.227.000)	1-11-04-01/1-11-04-02
001.227.0Z0	OWC-DE-L6-Z Reg. fissa	1-11-04-01/1-11-04-02
001.228.0H0	OWC-SE-L6-A-H Reg. piombata	1-11-02-01/1-11-02-02
001.228.0K0	OWC-SE-L6-A-K Reg. piombata	1-11-02-01/1-11-02-02
001.228.0X0	OWC-SE-L6-A-X Reg. grano	1-11-02-01/1-11-02-02
001.228.0Y0	OWC-SE-L6-A-Y Reg. RS (vecchio codice: 001.228.000)	1-11-02-01/1-11-02-02
001.228.0Z0	OWC-SE-L6-A-Z Reg. fissa	1-11-02-01/1-11-02-02
001.229.0H0	OWC-SE-L6-A-H Reg. piombata	1-11-02-01/1-11-02-02
001.229.0K0	OWC-SE-L6-A-K Reg. piombata	1-11-02-01/1-11-02-02
001.229.0X0	OWC-SE-L6-A-X Reg. grano	1-11-02-01/1-11-02-02
001.229.0Y0	OWC-SE-L6-A-Y Reg. RS (vecchio codice: 001.229.000)	1-11-02-01/1-11-02-02
001.229.0Z0	OWC-SE-L6-A-Z Reg. fissa	1-11-02-01/1-11-02-02
001.230.0H0	OWC-SE-L6-B-H Reg. piombata	1-11-03-01/1-11-03-02
001.230.0K0	OWC-SE-L6-B-K Reg. piombata	1-11-03-01/1-11-03-02
001.230.0X0	OWC-SE-L6-B-X Reg. grano	1-11-03-01/1-11-03-02
001.230.0Y0	OWC-SE-L6-B-Y Reg. RS (vecchio codice: 001.230.000)	1-11-03-01/1-11-03-02
001.230.0Z0	OWC-SE-L6-B-Z Reg. fissa	1-11-03-01/1-11-03-02
001.231.0H0	OWC-SE-L6-B-H Reg. piombata	1-11-03-01/1-11-03-02
001.231.0K0	OWC-SE-L6-B-K Reg. piombata	1-11-03-01/1-11-03-02
001.231.0X0	OWC-SE-L6-B-X Reg. grano	1-11-03-01/1-11-03-02
001.231.0Y0	OWC-SE-L6-B-Y Reg. RS (vecchio codice: 001.231.000)	1-11-03-01/1-11-03-02
001.231.0Z0	OWC-SE-L6-B-Z Reg. fissa	1-11-03-01/1-11-03-02
001.233.0H0	OWC-SE-34-FMD-A-H Reg. grano	1-05-04-05/1-05-04-06
001.233.0K0	OWC-SE-34-FMD-A-K Reg. grano	1-05-04-05/1-05-04-06
001.233.0X0	OWC-SE-34-FMD-A-X Reg. grano (vecchio codice: 001.233.000)	1-05-04-05/1-05-04-06
001.233.0Z0	OWC-SE-34-FMD-A-Z Reg. grano	1-05-04-05/1-05-04-06
001.234.0H0	WBC-40-H Reg. piombata	1-01-02-01/1-01-02-02
001.234.0K0	WBC-40-K Reg. piombata plastica	1-01-02-01/1-01-02-02
001.234.0X0	WBC-40-X Reg. grano (vecchio codice: 001.242.000)	1-01-02-01/1-01-02-02
001.234.0Z0	WBC-40-Z Reg. fissa	1-01-02-01/1-01-02-02
001.234.BH0	WBC-40-B-H Reg. piombata	1-01-02-01/1-01-02-02
001.234.BK0	WBC-40-B-K Reg. piombata plastica	1-01-02-01/1-01-02-02
001.234.BX0	WBC-40-B-X Reg. grano (vecchio codice: 001.234.000)	1-01-02-01/1-01-02-02
001.234.BZ0	WBC-40-B-Z Reg. fissa (vecchio codice: 001.234.000)	1-01-02-01/1-01-02-02
001.234.CH0	WBC-40-C-H Reg. piombata	1-01-02-01/1-01-02-02
001.234.CK0	WBC-40-C-K Reg. piombata plastica	1-01-02-01/1-01-02-02
001.234.CX0	WBC-40-C-X Reg. grano (vecchio codice: 001.278.000)	1-01-02-01/1-01-02-02
001.234.CZ0	WBC-40-C-Z Reg. fissa	1-01-02-01/1-01-02-02
001.235.0H0	WBC-40-H Reg. piombata	1-01-02-01/1-01-02-02
001.235.0K0	WBC-40-K Reg. piombata plastica	1-01-02-01/1-01-02-02
001.235.0X0	WBC-40-X Reg. grano (vecchio codice: 001.243.000)	1-01-02-01/1-01-02-02
001.235.0Z0	WBC-40-Z Reg. fissa	1-01-02-01/1-01-02-02
001.235.BH0	WBC-40-B-H Reg. piombata	1-01-02-01/1-01-02-02
001.235.BK0	WBC-40-B-K Reg. piombata plastica	1-01-02-01/1-01-02-02
001.235.BX0	WBC-40-B-X Reg. grano (vecchio codice: 001.235.000)	1-01-02-01/1-01-02-02
001.235.BZ0	WBC-40-B-Z Reg. fissa	1-01-02-01/1-01-02-02
001.235.CH0	WBC-40-C-H Reg. piombata	1-01-02-01/1-01-02-02
001.235.CK0	WBC-40-C-K Reg. piombata plastica	1-01-02-01/1-01-02-02
001.235.CX0	WBC-40-C-X Reg. grano (vecchio codice: 001.279.000)	1-01-02-01/1-01-02-02
001.235.CZ0	WBC-40-C-Z Reg. fissa (vecchio codice: 001.279.000)	1-01-02-01/1-01-02-02
001.236.0H0	A-WB-C-SE-14-14-H Reg. piombata	1-03-02-03/1-03-02-04
001.236.0K0	A-WB-C-SE-14-14-K Reg. piombata plastica	1-03-02-03/1-03-02-04
001.236.0X0	A-WB-C-SE-14-14-X Reg. grano (vecchio codice: 001.236.000)	1-03-02-03/1-03-02-04
001.236.0Z0	A-WB-C-SE-14-14-Z Reg. fissa	1-03-02-03/1-03-02-04
001.237.0H0	A-WB-C-SE-14-14-H Reg. piombata	1-03-02-03/1-03-02-04

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001.237.0K0	A-WB-C-SE-14-14-K Reg. piombata plastica	1-03-02-03/1-03-02-04
001.237.0X0	A-WB-C-SE-14-14-X Reg. grano (vecchio codice: 001.237.000)	1-03-02-03/1-03-02-04
001.237.0Z0	A-WB-C-SE-14-14-Z Reg. fissa	1-03-02-03/1-03-02-04
001.238.0H0	A-WB-C-SE-38-14-H Reg. piombata	1-03-02-03/1-03-02-04
001.238.0K0	A-WB-C-SE-38-14-K Reg. piombata plastica	1-03-02-03/1-03-02-04
001.238.0X0	A-WB-C-SE-38-14-X Reg. grano (vecchio codice: 001.238.000)	1-03-02-03/1-03-02-04
001.238.0Z0	A-WB-C-SE-38-14-Z Reg. fissa	1-03-02-03/1-03-02-04
001.239.0H0	A-WB-C-SE-38-14-H Reg. piombata	1-03-02-03/1-03-02-04
001.239.0K0	A-WB-C-SE-38-14-K Reg. piombata plastica	1-03-02-03/1-03-02-04
001.239.0X0	A-WB-C-SE-38-14-X Reg. grano (vecchio codice: 001.239.000)	1-03-02-03/1-03-02-04
001.239.0Z0	A-WB-C-SE-38-14-Z Reg. fissa	1-03-02-03/1-03-02-04
001.240.0H0	A-WB-C-SE-12-14-H Reg. piombata	1-03-02-03/1-03-02-04
001.240.0K0	A-WB-C-SE-12-14-K Reg. piombata plastica	1-03-02-03/1-03-02-04
001.240.0X0	A-WB-C-SE-12-14-X Reg. grano (vecchio codice: 001.240.000)	1-03-02-03/1-03-02-04
001.240.0Z0	A-WB-C-SE-12-14-Z Reg. fissa	1-03-02-03/1-03-02-04
001.241.0H0	A-WB-C-SE-12-14-H Reg. piombata	1-03-02-03/1-03-02-04
001.241.0K0	A-WB-C-SE-12-14-K Reg. piombata plastica	1-03-02-03/1-03-02-04
001.241.0X0	A-WB-C-SE-12-14-X Reg. grano (vecchio codice: 001.241.000)	1-03-02-03/1-03-02-04
001.241.0Z0	A-WB-C-SE-12-14-Z Reg. fissa	1-03-02-03/1-03-02-04
001.244.0H0	WBC-C-SE-38-14-H Reg. piombata	1-02-02-01/1-02-02-02
001.244.0K0	WBC-C-SE-38-14-K Reg. piombata plastica	1-02-02-01/1-02-02-02
001.244.0X0	WBC-C-SE-38-14-X Reg. grano (vecchio codice: 001.244.000)	1-02-02-01/1-02-02-02
001.244.0Z0	WBC-C-SE-38-14-Z Reg. fissa	1-02-02-01/1-02-02-02
001.244.BH0	WBC-C-SE-38-14-B-H Reg. piombata	1-02-02-01/1-02-02-02
001.244.BK0	WBC-C-SE-38-14-B-K Reg. piombata plastica	1-02-02-01/1-02-02-02
001.244.BX0	WBC-C-SE-38-14-B-X Reg. grano	1-02-02-01/1-02-02-02
001.244.BZ0	WBC-C-SE-38-14-B-Z Reg. fissa	1-02-02-01/1-02-02-02
001.244.CH0	WBC-C-SE-38-14-C-H Reg. piombata	1-02-02-01/1-02-02-02
001.244.CK0	WBC-C-SE-38-14-C-K Reg. piombata plastica	1-02-02-01/1-02-02-02
001.244.CX0	WBC-C-SE-38-14-C-X Reg. grano	1-02-02-01/1-02-02-02
001.244.CZ0	WBC-C-SE-38-14-C-Z Reg. fissa	1-02-02-01/1-02-02-02
001.245.0H0	WBC-C-SE-38-14-H Reg. piombata	1-02-02-01/1-02-02-02
001.245.0K0	WBC-C-SE-38-14-K Reg. piombata plastica	1-02-02-01/1-02-02-02
001.245.0X0	WBC-C-SE-38-14-X Reg. grano (vecchio codice: 001.245.000)	1-02-02-01/1-02-02-02
001.245.0Z0	WBC-C-SE-38-14-Z Reg. fissa	1-02-02-01/1-02-02-02
001.245.BH0	WBC-C-SE-38-14-B-H Reg. piombata	1-02-02-01/1-02-02-02
001.245.BK0	WBC-C-SE-38-14-B-K Reg. piombata plastica	1-02-02-01/1-02-02-02
001.245.BX0	WBC-C-SE-38-14-B-X Reg. grano	1-02-02-01/1-02-02-02
001.245.BZ0	WBC-C-SE-38-14-B-Z Reg. fissa	1-02-02-01/1-02-02-02
001.245.CH0	WBC-C-SE-38-14-C-H Reg. piombata	1-02-02-01/1-02-02-02
001.245.CK0	WBC-C-SE-38-14-C-K Reg. piombata plastica	1-02-02-01/1-02-02-02
001.245.CX0	WBC-C-SE-38-14-C-X Reg. grano	1-02-02-01/1-02-02-02
001.245.CZ0	WBC-C-SE-38-14-C-Z Reg. fissa	1-02-02-01/1-02-02-02
001.246.0H0	WBC-C-SE-12-14-H Reg. piombata	1-02-02-01/1-02-02-02
001.246.0K0	WBC-C-SE-12-14-K Reg. piombata plastica	1-02-02-01/1-02-02-02
001.246.0X0	WBC-C-SE-12-14-X Reg. grano (vecchio codice: 001.246.000)	1-02-02-01/1-02-02-02
001.246.0Z0	WBC-C-SE-12-14-Z Reg. fissa	1-02-02-01/1-02-02-02
001.246.BH0	WBC-C-SE-12-14-B-H Reg. piombata	1-02-02-01/1-02-02-02
001.246.BK0	WBC-C-SE-12-14-B-K Reg. piombata plastica	1-02-02-01/1-02-02-02
001.246.BX0	WBC-C-SE-12-14-B-X Reg. grano	1-02-02-01/1-02-02-02
001.246.BZ0	WBC-C-SE-12-14-B-Z Reg. fissa	1-02-02-01/1-02-02-02
001.246.CH0	WBC-C-SE-12-14-C-H Reg. piombata	1-02-02-01/1-02-02-02
001.246.CK0	WBC-C-SE-12-14-C-K Reg. piombata plastica	1-02-02-01/1-02-02-02
001.246.CX0	WBC-C-SE-12-14-C-X Reg. grano	1-02-02-01/1-02-02-02
001.246.CZ0	WBC-C-SE-12-14-C-Z Reg. fissa	1-02-02-01/1-02-02-02
001.247.0H0	WBC-C-SE-12-14-H Reg. piombata	1-02-02-01/1-02-02-02
001.247.0K0	WBC-C-SE-12-14-K Reg. piombata plastica	1-02-02-01/1-02-02-02
001.247.0X0	WBC-C-SE-12-14-X Reg. grano (vecchio codice: 001.247.000)	1-02-02-01/1-02-02-02
001.247.0Z0	WBC-C-SE-12-14-Z Reg. fissa	1-02-02-01/1-02-02-02
001.247.BH0	WBC-C-SE-12-14-B-H Reg. piombata	1-02-02-01/1-02-02-02
001.247.BK0	WBC-C-SE-12-14-B-K Reg. piombata plastica	1-02-02-01/1-02-02-02
001.247.BX0	WBC-C-SE-12-14-B-X Reg. grano	1-02-02-01/1-02-02-02
001.247.BZ0	WBC-C-SE-12-14-B-Z Reg. fissa	1-02-02-01/1-02-02-02
001.247.CH0	WBC-C-SE-12-14-C-H Reg. piombata	1-02-02-01/1-02-02-02
001.247.CK0	WBC-C-SE-12-14-C-K Reg. piombata plastica	1-02-02-01/1-02-02-02
001.247.CX0	WBC-C-SE-12-14-C-X Reg. grano	1-02-02-01/1-02-02-02
001.247.CZ0	WBC-C-SE-12-14-C-Z Reg. fissa	1-02-02-01/1-02-02-02
001.254.0H0	WB-C-DE-LU-14-H Reg. piombata (vecchio codice: 001.254.000)	1-06-01-05/1-06-01-06
001.254.0K0	WB-C-DE-LU-14-K Reg. piombata plastica (vecchio codice: 001.254.000)	1-06-01-05/1-06-01-06
001.254.0X0	WB-C-DE-LU-14-X Reg. grano (vecchio codice: 001.254.000)	1-06-01-05/1-06-01-06
001.254.0Z0	WB-C-DE-LU-14-Z Reg. fissa (vecchio codice: 001.254.000)	1-06-01-05/1-06-01-06
001.255.0H0	WB-C-DE-LU-14-H Reg. piombata (vecchio codice: 001.255.000)	1-06-01-05/1-06-01-06
001.255.0K0	WB-C-DE-LU-14-K Reg. piombata plastica (vecchio codice: 001.255.000)	1-06-01-05/1-06-01-06
001.255.0X0	WB-C-DE-LU-14-X Reg. grano (vecchio codice: 001.255.000)	1-06-01-05/1-06-01-06

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001.255.0Z0	WB-C-DE-LU-14-Z Reg. fissa (vecchio codice: 001.255.000)	1-06-01-05/1-06-01-06
001.256.0H0	WB-C-DE-LU-38-H Reg. piombata (vecchio codice: 001.256.000)	1-06-01-05/1-06-01-06
001.256.0K0	WB-C-DE-LU-38-K Reg. piombata plastica (vecchio codice: 001.256.000)	1-06-01-05/1-06-01-06
001.256.0X0	WB-C-DE-LU-38-X Reg. grano (vecchio codice: 001.256.000)	1-06-01-05/1-06-01-06
001.256.0Z0	WB-C-DE-LU-38-Z Reg. fissa (vecchio codice: 001.256.000)	1-06-01-05/1-06-01-06
001.257.0H0	WB-C-DE-LU-38-H Reg. piombata (vecchio codice: 001.257.000)	1-06-01-05/1-06-01-06
001.257.0K0	WB-C-DE-LU-38-K Reg. piombata plastica (vecchio codice: 001.257.000)	1-06-01-05/1-06-01-06
001.257.0X0	WB-C-DE-LU-38-X Reg. grano (vecchio codice: 001.257.000)	1-06-01-05/1-06-01-06
001.257.0Z0	WB-C-DE-LU-38-Z Reg. fissa (vecchio codice: 001.257.000)	1-06-01-05/1-06-01-06
001.258.0H0	WB-C-DE-LU-12-H Reg. piombata (vecchio codice: 001.258.000)	1-06-01-05/1-06-01-06
001.258.0K0	WB-C-DE-LU-12-K Reg. piombata plastica (vecchio codice: 001.258.000)	1-06-01-05/1-06-01-06
001.258.0X0	WB-C-DE-LU-12-X Reg. grano (vecchio codice: 001.258.000)	1-06-01-05/1-06-01-06
001.258.0Z0	WB-C-DE-LU-12-Z Reg. fissa (vecchio codice: 001.258.000)	1-06-01-05/1-06-01-06
001.259.0H0	WB-C-DE-LU-12-H Reg. piombata (vecchio codice: 001.259.000)	1-06-01-05/1-06-01-06
001.259.0K0	WB-C-DE-LU-12-K Reg. piombata plastica (vecchio codice: 001.259.000)	1-06-01-05/1-06-01-06
001.259.0X0	WB-C-DE-LU-12-X Reg. grano (vecchio codice: 001.259.000)	1-06-01-05/1-06-01-06
001.259.0Z0	WB-C-DE-LU-12-Z Reg. fissa (vecchio codice: 001.259.000)	1-06-01-05/1-06-01-06
001.265.0H0	A-OWC-SE-34-L-H Reg. piombata	1-03-01-07/1-03-01-08
001.265.0K0	A-OWC-SE-34-L-K Reg. piombata plastica	1-03-01-07/1-03-01-08
001.265.0X0	A-OWC-SE-34-L-X Reg. grano (vecchio codice: 001.265.000)	1-03-01-07/1-03-01-08
001.265.0Z0	A-OWC-SE-34-L-Z Reg. fissa	1-03-01-07/1-03-01-08
001.266.0H0	A-OWC-SE-100-L-H Reg. piombata	1-03-01-07/1-03-01-08
001.266.0K0	A-OWC-SE-100-L-K Reg. piombata plastica	1-03-01-07/1-03-01-08
001.266.0X0	A-OWC-SE-100-L-X Reg. grano (vecchio codice: 001.266.000)	1-03-01-07/1-03-01-08
001.266.0Z0	A-OWC-SE-100-L-Z Reg. fissa	1-03-01-07/1-03-01-08
001.267.0H0	OWC-SE-100-L-H Reg. piombata	1-03-01-07/1-03-01-08
001.267.0K0	OWC-SE-100-L-K Reg. piombata plastica	1-03-01-07/1-03-01-08
001.267.0X0	OWC-SE-100-L-X Reg. grano (vecchio codice: 001.267.000)	1-03-01-07/1-03-01-08
001.267.0Z0	OWC-SE-100-L-Z Reg. fissa	1-03-01-07/1-03-01-08
001.280.0H0	WBC-C-SE-38-L-H Reg. piombata	1-02-01-01/1-02-01-02
001.280.0K0	WBC-C-SE-38-L-K Reg. piombata plastica	1-02-01-01/1-02-01-02
001.280.0X0	WBC-C-SE-38-L-X Reg. grano (vecchio codice: 001.280.000)	1-02-01-01/1-02-01-02
001.280.0Z0	WBC-C-SE-38-L-Z Reg. fissa	1-02-01-01/1-02-01-02
001.280.BH0	WBC-C-SE-38-L-B-H Reg. piombata	1-02-01-01/1-02-01-02
001.280.BK0	WBC-C-SE-38-L-B-K Reg. piombata plastica	1-02-01-01/1-02-01-02
001.280.BX0	WBC-C-SE-38-L-B-X Reg. grano	1-02-01-01/1-02-01-02
001.280.BZ0	WBC-C-SE-38-L-B-Z Reg. fissa	1-02-01-01/1-02-01-02
001.280.CH0	WBC-C-SE-38-L-C-H Reg. piombata	1-02-01-01/1-02-01-02
001.280.CK0	WBC-C-SE-38-L-C-K Reg. piombata plastica	1-02-01-01/1-02-01-02
001.280.CX0	WBC-C-SE-38-L-C-X Reg. grano	1-02-01-01/1-02-01-02
001.280.CZ0	WBC-C-SE-38-L-C-Z Reg. fissa (vecchio codice: 001.280.000)	1-02-01-01/1-02-01-02
001.281.0H0	WBC-C-SE-38-L-H Reg. piombata	1-02-01-01/1-02-01-02
001.281.0K0	WBC-C-SE-38-L-K Reg. piombata plastica	1-02-01-01/1-02-01-02
001.281.0X0	WBC-C-SE-38-L-X Reg. grano (vecchio codice: 001.281.000)	1-02-01-01/1-02-01-02
001.281.0Z0	WBC-C-SE-38-L-Z Reg. fissa	1-02-01-01/1-02-01-02
001.281.BH0	WBC-C-SE-38-L-B-H Reg. piombata	1-02-01-01/1-02-01-02
001.281.BK0	WBC-C-SE-38-L-B-K Reg. piombata plastica	1-02-01-01/1-02-01-02
001.281.BX0	WBC-C-SE-38-L-B-X Reg. grano	1-02-01-01/1-02-01-02
001.281.BZ0	WBC-C-SE-38-L-B-Z Reg. fissa	1-02-01-01/1-02-01-02
001.281.CH0	WBC-C-SE-38-L-C-H Reg. piombata	1-02-01-01/1-02-01-02
001.281.CK0	WBC-C-SE-38-L-C-K Reg. piombata plastica	1-02-01-01/1-02-01-02
001.281.CX0	WBC-C-SE-38-L-C-X Reg. grano	1-02-01-01/1-02-01-02
001.281.CZ0	WBC-C-SE-38-L-C-Z Reg. fissa	1-02-01-01/1-02-01-02
001.282.0H0	WBC-C-SE-12-L-H Reg. piombata	1-02-01-01/1-02-01-02
001.282.0K0	WBC-C-SE-12-L-K Reg. piombata plastica	1-02-01-01/1-02-01-02
001.282.0X0	WBC-C-SE-12-L-X Reg. grano (vecchio codice: 001.282.000)	1-02-01-01/1-02-01-02
001.282.0Z0	WBC-C-SE-12-L-Z Reg. fissa (vecchio codice: 001.282.0X0)	1-02-01-01/1-02-01-02
001.282.BH0	WBC-C-SE-12-L-B-H Reg. piombata	1-02-01-01/1-02-01-02
001.282.BK0	WBC-C-SE-12-L-B-K Reg. piombata plastica	1-02-01-01/1-02-01-02
001.282.BX0	WBC-C-SE-12-L-B-X Reg. grano	1-02-01-01/1-02-01-02
001.282.BZ0	WBC-C-SE-12-L-B-Z Reg. fissa	1-02-01-01/1-02-01-02
001.282.CH0	WBC-C-SE-12-L-C-H Reg. piombata	1-02-01-01/1-02-01-02
001.282.CK0	WBC-C-SE-12-L-C-K Reg. piombata plastica	1-02-01-01/1-02-01-02
001.282.CX0	WBC-C-SE-12-L-C-X Reg. grano	1-02-01-01/1-02-01-02
001.282.CZ0	WBC-C-SE-12-L-C-Z Reg. fissa	1-02-01-01/1-02-01-02
001.283.0H0	WBC-C-SE-12-L-H Reg. piombata	1-02-01-01/1-02-01-02
001.283.0K0	WBC-C-SE-12-L-K Reg. piombata plastica	1-02-01-01/1-02-01-02
001.283.0X0	WBC-C-SE-12-L-X Reg. grano (vecchio codice: 001.283.000)	1-02-01-01/1-02-01-02
001.283.0Z0	WBC-C-SE-12-L-Z Reg. fissa	1-02-01-01/1-02-01-02
001.283.BH0	WBC-C-SE-12-L-B-H Reg. piombata	1-02-01-01/1-02-01-02
001.283.BK0	WBC-C-SE-12-L-B-K Reg. piombata plastica	1-02-01-01/1-02-01-02
001.283.BX0	WBC-C-SE-12-L-B-X Reg. grano	1-02-01-01/1-02-01-02
001.283.BZ0	WBC-C-SE-12-L-B-Z Reg. fissa	1-02-01-01/1-02-01-02
001.283.CH0	WBC-C-SE-12-L-C-H Reg. piombata	1-02-01-01/1-02-01-02

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001.283.CK0	WBC-C-SE-12-L-C-K Reg. piombata plastica	1-02-01-01/1-02-01-02
001.283.CX0	WBC-C-SE-12-L-C-X Reg. grano	1-02-01-01/1-02-01-02
001.283.CZ0	WBC-C-SE-12-L-C-Z Reg. fissa	1-02-01-01/1-02-01-02
001.284.0H0	WB-SE-L-38FCB-H Reg. piombata (vecchio codice: 001.284.000)	1-05-01-05/1-05-01-06
001.284.0K0	WB-SE-L-38FCB-K Reg. piombata plastica (vecchio codice: 001.284.000)	1-05-01-05/1-05-01-06
001.284.0X0	WB-SE-L-38FCB-X Reg. grano (vecchio codice: 001.284.000)	1-05-01-05/1-05-01-06
001.284.0Z0	WB-SE-L-38FCB-Z Reg. fissa (vecchio codice: 001.286.000)	1-05-01-05/1-05-01-06
001.285.0H0	WB-SE-L-12FCB-H Reg. piombata (vecchio codice: 001.285.000)	1-05-01-05/1-05-01-06
001.285.0K0	WB-SE-L-12FCB-K Reg. piombata plastica (vecchio codice: 001.285.000)	1-05-01-05/1-05-01-06
001.285.0X0	WB-SE-L-12FCB-X Reg. grano (vecchio codice: 001.285.000)	1-05-01-05/1-05-01-06
001.285.0Z0	WB-SE-L-12FCB-Z Reg. fissa (vecchio codice: 001.287.000)	1-05-01-05/1-05-01-06
001.288.0H0	WB-DE-38FCB-H Reg. piombata (vecchio codice: 001.288.000)	1-08-01-01/1-08-01-02
001.288.0K0	WB-DE-38FCB-K Reg. piombata plastica (vecchio codice: 001.288.000)	1-08-01-01/1-08-01-02
001.288.0X0	WB-DE-38FCB-X Reg. grano (vecchio codice: 001.288.000)	1-08-01-01/1-08-01-02
001.288.0Z0	WB-DE-38FCB-Z Reg. fissa (vecchio codice: 001.290.000)	1-08-01-01/1-08-01-02
001.289.0H0	WB-DE-12FCB-H Reg. piombata (vecchio codice: 001.289.000)	1-08-01-01/1-08-01-02
001.289.0K0	WB-DE-12FCB-K Reg. piombata plastica (vecchio codice: 001.289.000)	1-08-01-01/1-08-01-02
001.289.0X0	WB-DE-12FCB-X Reg. grano (vecchio codice: 001.289.000)	1-08-01-01/1-08-01-02
001.289.0Z0	WB-DE-12FCB-Z Reg. fissa (vecchio codice: 001.291.000)	1-08-01-01/1-08-01-02
001.292.0H0	OWC-DE-L10-H Reg. piombata	1-11-04-03/1-11-04-04
001.292.0K0	OWC-DE-L10-K Reg. piombata plastica	1-11-04-03/1-11-04-04
001.292.0X0	OWC-DE-L10-X Reg. grano (vecchio codice: 001.292.000)	1-11-04-03/1-11-04-04
001.292.0Z0	OWC-DE-L10-Z Reg. fissa	1-11-04-03/1-11-04-04
001.311.0H0	OWC-SE-14-14-H Reg. piombata	1-03-02-01/1-03-02-02
001.311.0K0	OWC-SE-14-14-K Reg. piombata plastica	1-03-02-01/1-03-02-02
001.311.0X0	OWC-SE-14-14-X Reg. grano (vecchio codice: 001.311.000)	1-03-02-01/1-03-02-02
001.311.0Y0	OWC-SE-14-14-Y Reg. RS (vecchio codice: 001.313.000)	1-03-02-01/1-03-02-02
001.311.0Z0	OWC-SE-14-14-Z Reg. fissa	1-03-02-01/1-03-02-02
001.312.0H0	OWC-SE-14-14-H Reg. piombata	1-03-02-01/1-03-02-02
001.312.0K0	OWC-SE-14-14-K Reg. piombata plastica	1-03-02-01/1-03-02-02
001.312.0X0	OWC-SE-14-14-X Reg. grano (vecchio codice: 001.312.000)	1-03-02-01/1-03-02-02
001.312.0Y0	OWC-SE-14-14-Y Reg. RS (vecchio codice: 001.314.000)	1-03-02-01/1-03-02-02
001.312.0Z0	OWC-SE-14-14-Z Reg. fissa (vecchio codice: 001.312.000)	1-03-02-01/1-03-02-02
001.316.0H0	OWC-SE-14-L-H Reg. piombata	1-03-01-01/1-03-01-02
001.316.0K0	OWC-SE-14-L-K Reg. piombata plastica	1-03-01-01/1-03-01-02
001.316.0X0	OWC-SE-14-L-X Reg. grano (vecchio codice: 001.316.000)	1-03-01-01/1-03-01-02
001.316.0Y0	OWC-SE-14-L-Y Reg. RS (vecchio codice: 001.318.000)	1-03-01-01/1-03-01-02
001.316.0Z0	OWC-SE-14-L-Z Reg. fissa	1-03-01-01/1-03-01-02
001.317.0H0	OWC-SE-14-L-H Reg. piombata	1-03-01-01/1-03-01-02
001.317.0K0	OWC-SE-14-L-K Reg. piombata plastica	1-03-01-01/1-03-01-02
001.317.0X0	OWC-SE-14-L-X Reg. grano (vecchio codice: 001.317.000)	1-03-01-01/1-03-01-02
001.317.0Y0	OWC-SE-14-L-Y Reg. RS (vecchio codice: 001.319.000)	1-03-01-01/1-03-01-02
001.317.0Z0	OWC-SE-14-L-Z Reg. fissa	1-03-01-01/1-03-01-02
001.320.0H0	A-OWC-SE-14-FC1-BO4-H Reg. piombata (vecchio codice: 001.320.000)	1-05-02-01/1-05-02-02
001.320.0K0	A-OWC-SE-14-FC1-BO4-K Reg. piombata plastica	1-05-02-01/1-05-02-02
001.320.0X0	A-OWC-SE-14-FC1-BO4-X Reg. grano	1-05-02-01/1-05-02-02
001.320.0Y0	A-OWC-SE-14-FC1-BO4-Y Reg. RS	1-05-02-01/1-05-02-02
001.320.0Z0	A-OWC-SE-14-FC1-BO4-Z Reg. fissa	1-05-02-01/1-05-02-02
001.321.0H0	A-OWC-SE-14-FC1-BO4-H Reg. piombata (vecchio codice: 001.321.000)	1-05-02-01/1-05-02-02
001.321.0K0	A-OWC-SE-14-FC1-BO4-K Reg. piombata plastica	1-05-02-01/1-05-02-02
001.321.0X0	A-OWC-SE-14-FC1-BO4-X Reg. grano	1-05-02-01/1-05-02-02
001.321.0Y0	A-OWC-SE-14-FC1-BO4-Y Reg. RS	1-05-02-01/1-05-02-02
001.321.0Z0	A-OWC-SE-14-FC1-BO4-Z Reg. fissa	1-05-02-01/1-05-02-02
001.327.0H0	A-WB-C-SE-38-L-H Reg. piombata	1-03-01-05/1-03-01-06
001.327.0K0	A-WB-C-SE-38-L-K Reg. piombata plastica	1-03-01-05/1-03-01-06
001.327.0X0	A-WB-C-SE-38-L-X Reg. grano (vecchio codice: 001.327.000)	1-03-01-05/1-03-01-06
001.327.0Z0	A-WB-C-SE-38-L-Z Reg. fissa	1-03-01-05/1-03-01-06
001.328.0H0	A-WB-C-SE-38-L-H Reg. piombata	1-03-01-05/1-03-01-06
001.328.0K0	A-WB-C-SE-38-L-K Reg. piombata plastica	1-03-01-05/1-03-01-06
001.328.0X0	A-WB-C-SE-38-L-X Reg. grano (vecchio codice: 001.328.000)	1-03-01-05/1-03-01-06
001.328.0Z0	A-WB-C-SE-38-L-Z Reg. fissa	1-03-01-05/1-03-01-06
001.329.0H0	A-WB-C-SE-12-L-H Reg. piombata	1-03-01-05/1-03-01-06
001.329.0K0	A-WB-C-SE-12-L-K Reg. piombata plastica	1-03-01-05/1-03-01-06
001.329.0X0	A-WB-C-SE-12-L-X Reg. grano (vecchio codice: 001.329.000)	1-03-01-05/1-03-01-06
001.329.0Z0	A-WB-C-SE-12-L-Z Reg. fissa	1-03-01-05/1-03-01-06
001.330.0H0	A-WB-C-SE-12-L-H Reg. piombata	1-03-01-05/1-03-01-06
001.330.0K0	A-WB-C-SE-12-L-K Reg. piombata plastica	1-03-01-05/1-03-01-06
001.330.0X0	A-WB-C-SE-12-L-X Reg. grano (vecchio codice: 001.330.000)	1-03-01-05/1-03-01-06
001.330.0Z0	A-WB-C-SE-12-L-Z Reg. fissa	1-03-01-05/1-03-01-06
001.331.0H0	A-WB-C-SE-14-L-H Reg. piombata	1-03-01-05/1-03-01-06
001.331.0K0	A-WB-C-SE-14-L-K Reg. piombata plastica	1-03-01-05/1-03-01-06
001.331.0X0	A-WB-C-SE-14-L-X Reg. grano (vecchio codice: 001.331.000)	1-03-01-05/1-03-01-06
001.331.0Z0	A-WB-C-SE-14-L-Z Reg. fissa	1-03-01-05/1-03-01-06
001.332.0H0	A-WB-C-SE-14-L-H Reg. piombata	1-03-01-05/1-03-01-06

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001.332.0K0	A-WB-C-SE-14-L-K Reg. piombata plastica	1-03-01-05/1-03-01-06
001.332.0X0	A-WB-C-SE-14-L-X Reg. grano (vecchio codice: 001.332.000)	1-03-01-05/1-03-01-06
001.332.0Z0	A-WB-C-SE-14-L-Z Reg. fissa	1-03-01-05/1-03-01-06
001.436.0H0	WB-M-DE-VFF-FSH-12-14-H Reg. piombata	1-08-05-01/1-08-05-02
001.436.0K0	WB-M-DE-VFF-FSH-12-14-K Reg. piombata plastica	1-08-05-01/1-08-05-02
001.436.0X0	WB-M-DE-VFF-FSH-12-14-X Reg. grano (vecchio codice: 001.436.000)	1-08-05-01/1-08-05-02
001.436.0Z0	WB-M-DE-VFF-FSH-12-14-Z Reg. fissa	1-08-05-01/1-08-05-02
001.437.0H0	WB-M-DE-VFF-FOLD-12-14-H Reg. piombata	1-08-05-01/1-08-05-02
001.437.0K0	WB-M-DE-VFF-FOLD-12-14-K Reg. piombata plastica	1-08-05-01/1-08-05-02
001.437.0X0	WB-M-DE-VFF-FOLD-12-14-X Reg. grano (vecchio codice: 001.437.000)	1-08-05-01/1-08-05-02
001.437.0Z0	WB-M-DE-VFF-FOLD-12-14-Z Reg. fissa	1-08-05-01/1-08-05-02
001.438.0H0	WB-M-DE-VFF-FOMS-12-14-H Reg. piombata	1-08-05-01/1-08-05-02
001.438.0K0	WB-M-DE-VFF-FOMS-12-14-K Reg. piombata plastica	1-08-05-01/1-08-05-02
001.438.0X0	WB-M-DE-VFF-FOMS-12-14-X Reg. grano (vecchio codice: 001.438.000)	1-08-05-01/1-08-05-02
001.438.0Z0	WB-M-DE-VFF-FOMS-12-14-Z Reg. fissa	1-08-05-01/1-08-05-02
001.439.0H0	WB-M-DE-VFF-FOMR-OMP-12-14-H Reg. piombata	1-08-05-01/1-08-05-02
001.439.0K0	WB-M-DE-VFF-FOMR-OMP-12-14-K Reg. piombata plastica	1-08-05-01/1-08-05-02
001.439.0X0	WB-M-DE-VFF-FOMR-OMP-12-14-X Reg. grano (vecchio codice: 001.439.000)	1-08-05-01/1-08-05-02
001.439.0Z0	WB-M-DE-VFF-FOMR-OMP-12-14-Z Reg. fissa	1-08-05-01/1-08-05-02
001.440.0H0	WB-VS-M-DI-VFF-FSH-12-14-H Reg. piombata	1-08-06-01/1-08-06-02
001.440.0K0	WB-VS-M-DI-VFF-FSH-12-14-K Reg. piombata plastica	1-08-06-01/1-08-06-02
001.440.0X0	WB-VS-M-DI-VFF-FSH-12-14-X Reg. grano (vecchio codice: 001.440.000)	1-08-06-01/1-08-06-02
001.440.0Z0	WB-VS-M-DI-VFF-FSH-12-14-Z Reg. fissa	1-08-06-01/1-08-06-02
001.441.0H0	WB-VS-M-DI-VFF-FOLD-12-14-H Reg. piombata	1-08-06-01/1-08-06-02
001.441.0K0	WB-VS-M-DI-VFF-FOLD-12-14-K Reg. piombata plastica	1-08-06-01/1-08-06-02
001.441.0X0	WB-VS-M-DI-VFF-FOLD-12-14-X Reg. grano (vecchio codice: 001.441.000)	1-08-06-01/1-08-06-02
001.441.0Z0	WB-VS-M-DI-VFF-FOLD-12-14-Z Reg. fissa	1-08-06-01/1-08-06-02
001.442.0H0	WB-VS-M-DI-VFF-FOMS-12-14-H Reg. piombata	1-08-06-01/1-08-06-02
001.442.0K0	WB-VS-M-DI-VFF-FOMS-12-14-K Reg. piombata plastica	1-08-06-01/1-08-06-02
001.442.0X0	WB-VS-M-DI-VFF-FOMS-12-14-X Reg. grano (vecchio codice: 001.442.000)	1-08-06-01/1-08-06-02
001.442.0Z0	WB-VS-M-DI-VFF-FOMS-12-14-Z Reg. fissa	1-08-06-01/1-08-06-02
001.443.0H0	WB-VS-M-DI-VFF-FOMR-OMP-12-14-H Reg. piombata	1-08-06-01/1-08-06-02
001.443.0K0	WB-VS-M-DI-VFF-FOMR-OMP-12-14-K Reg. piombata plastica	1-08-06-01/1-08-06-02
001.443.0X0	WB-VS-M-DI-VFF-FOMR-OMP-12-14-X Reg. grano (vecchio codice: 001.443.000)	1-08-06-01/1-08-06-02
001.443.0Z0	WB-VS-M-DI-VFF-FOMR-OMP-12-14-Z Reg. fissa	1-08-06-01/1-08-06-02
001.446.0H0	A-WB-CC-SE-38-L-H Reg. piombata	1-04-01-01/1-04-01-02
001.446.0X0	A-WB-CC-SE-38-L-X Reg. grano (vecchio codice: 001.446.000)	1-04-01-01/1-04-01-02
001.446.0Z0	A-WB-CC-SE-38-L-Z Reg. fissa	1-04-01-01/1-04-01-02
001.447.0H0	A-WB-CC-SE-38-L-H Reg. piombata	1-04-01-01/1-04-01-02
001.447.0X0	A-WB-CC-SE-38-L-X Reg. grano (vecchio codice: 001.447.000)	1-04-01-01/1-04-01-02
001.447.0Z0	A-WB-CC-SE-38-L-Z Reg. fissa	1-04-01-01/1-04-01-02
001.448.0H0	A-OWC-SE-34-14-H Reg. piombata	1-03-02-11/1-03-02-12
001.448.0K0	A-OWC-SE-34-14-K Reg. piombata plastica	1-03-02-11/1-03-02-12
001.448.0X0	A-OWC-SE-34-14-X Reg. grano (vecchio codice: 001.448.000)	1-03-02-11/1-03-02-12
001.448.0Z0	A-OWC-SE-34-14-Z Reg. fissa	1-03-02-11/1-03-02-12
001.449.0H0	OWC-SE-34-14-H Reg. piombata	1-03-02-11/1-03-02-12
001.449.0K0	OWC-SE-34-14-K Reg. piombata plastica	1-03-02-11/1-03-02-12
001.449.0X0	OWC-SE-34-14-X Reg. grano (vecchio codice: 001.449.000)	1-03-02-11/1-03-02-12
001.449.0Z0	OWC-SE-34-14-Z Reg. fissa	1-03-02-11/1-03-02-12
001.450.0H0	A-OWC-SE-100-14-H Reg. piombata	1-03-02-11/1-03-02-12
001.450.0K0	A-OWC-SE-100-14-K Reg. piombata plastica	1-03-02-11/1-03-02-12
001.450.0X0	A-OWC-SE-100-14-X Reg. grano (vecchio codice: 001.450.000)	1-03-02-11/1-03-02-12
001.450.0Z0	A-OWC-SE-100-14-Z Reg. fissa	1-03-02-11/1-03-02-12
001.451.0H0	OWC-SE-100-14-H Reg. piombata	1-03-02-11/1-03-02-12
001.451.0K0	OWC-SE-100-14-K Reg. piombata plastica	1-03-02-11/1-03-02-12
001.451.0X0	OWC-SE-100-14-X Reg. grano (vecchio codice: 001.451.000)	1-03-02-11/1-03-02-12
001.451.0Z0	OWC-SE-100-14-Z Reg. fissa	1-03-02-11/1-03-02-12
001.453.0H0	OWC-DE-34-LU-H Reg. piombata (vecchio codice: 001.453.000)	1-06-01-03/1-06-01-04
001.453.0K0	OWC-DE-34-LU-K Reg. piombata plastica (vecchio codice: 001.453.000)	1-06-01-03/1-06-01-04
001.453.0X0	OWC-DE-34-LU-X Reg. grano (vecchio codice: 001.453.000)	1-06-01-03/1-06-01-04
001.454.0H0	OWC-DE-100-LU-H Reg. piombata (vecchio codice: 001.454.000)	1-06-01-03/1-06-01-04
001.454.0K0	OWC-DE-100-LU-K Reg. piombata plastica (vecchio codice: 001.454.000)	1-06-01-03/1-06-01-04
001.454.0X0	OWC-DE-100-LU-X Reg. grano (vecchio codice: 001.454.000)	1-06-01-03/1-06-01-04
001.455.0H0	A-WB-CC-SE-12-L-H Reg. piombata	1-04-01-01/1-04-01-02
001.455.0X0	A-WB-CC-SE-12-L-X Reg. grano (vecchio codice: 001.455.000)	1-04-01-01/1-04-01-02
001.455.0Z0	A-WB-CC-SE-12-L-Z Reg. fissa	1-04-01-01/1-04-01-02
001.456.0H0	A-WB-CC-SE-12-L-H Reg. piombata	1-04-01-01/1-04-01-02
001.456.0X0	A-WB-CC-SE-12-L-X Reg. grano (vecchio codice: 001.456.000)	1-04-01-01/1-04-01-02
001.456.0Z0	A-WB-CC-SE-12-L-Z Reg. fissa	1-04-01-01/1-04-01-02
001.457.0H0	A-WB-CC-DE-LU-14-H Reg. piombata (vecchio codice: 001.457.000)	1-07-01-01/1-07-01-02
001.457.0X0	A-WB-CC-DE-LU-14-X Reg. grano (vecchio codice: 001.457.000)	1-07-01-01/1-07-01-02
001.457.0Z0	A-WB-CC-DE-LU-14-Z Reg. fissa (vecchio codice: 001.457.000)	1-07-01-01/1-07-01-02
001.458.0H0	A-WB-CC-DE-LU-14-H Reg. piombata (vecchio codice: 001.458.000)	1-07-01-01/1-07-01-02
001.458.0X0	A-WB-CC-DE-LU-14-X Reg. grano (vecchio codice: 001.458.000)	1-07-01-01/1-07-01-02

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001.458.0Z0	A-WB-CC-DE-LU-14-Z Reg. fissa (vecchio codice: 001.458.000)	1-07-01-01/1-07-01-02
001.459.0H0	A-WB-CC-DE-LU-38-H Reg. piombata (vecchio codice: 001.459.000)	1-07-01-01/1-07-01-02
001.459.0X0	A-WB-CC-DE-LU-38-X Reg. grano (vecchio codice: 001.459.000)	1-07-01-01/1-07-01-02
001.459.0Z0	A-WB-CC-DE-LU-38-Z Reg. fissa (vecchio codice: 001.459.000)	1-07-01-01/1-07-01-02
001.460.0H0	A-WB-CC-DE-LU-38-H Reg. piombata (vecchio codice: 001.460.000)	1-07-01-01/1-07-01-02
001.460.0X0	A-WB-CC-DE-LU-38-X Reg. grano (vecchio codice: 001.460.000)	1-07-01-01/1-07-01-02
001.460.0Z0	A-WB-CC-DE-LU-38-Z Reg. fissa (vecchio codice: 001.460.000)	1-07-01-01/1-07-01-02
001.461.0H0	A-WB-CC-DE-LU-12-H Reg. piombata (vecchio codice: 001.461.000)	1-07-01-01/1-07-01-02
001.461.0X0	A-WB-CC-DE-LU-12-X Reg. grano (vecchio codice: 001.461.000)	1-07-01-01/1-07-01-02
001.461.0Z0	A-WB-CC-DE-LU-12-Z Reg. fissa (vecchio codice: 001.461.000)	1-07-01-01/1-07-01-02
001.462.0H0	A-WB-CC-DE-LU-12-H Reg. piombata (vecchio codice: 001.462.000)	1-07-01-01/1-07-01-02
001.462.0X0	A-WB-CC-DE-LU-12-X Reg. grano (vecchio codice: 001.462.000)	1-07-01-01/1-07-01-02
001.462.0Z0	A-WB-CC-DE-LU-12-Z Reg. fissa (vecchio codice: 001.462.000)	1-07-01-01/1-07-01-02
001.463.0H0	OWC-DE-34-LU-CC-X Reg. piombata	1-07-01-03/1-07-01-04
001.463.0X0	OWC-DE-34-LU-CC-X Reg. grano (vecchio codice: 001.463.000)	1-07-01-03/1-07-01-04
001.464.0H0	OWC-DE-100-LU-CC-H Reg. piombata	1-07-01-03/1-07-01-04
001.464.0X0	OWC-DE-100-LU-CC-X Reg. grano (vecchio codice: 001.464.000)	1-07-01-03/1-07-01-04
001.468.0H0	OWC-SE-34-L-CC-H Reg. piombata	1-04-02-01/1-04-02-02
001.468.0X0	OWC-SE-34-L-CC-X Reg. grano (vecchio codice: 001.468.000)	1-04-02-01/1-04-02-02
001.469.0H0	OWC-SE-100-L-CC-H Reg. piombata	1-04-02-01/1-04-02-02
001.469.0X0	OWC-SE-100-L-CC-X Reg. grano (vecchio codice: 001.469.000)	1-04-02-01/1-04-02-02
001.483.0H0	OWC-SE-L10-A-H Reg. piombata	1-11-02-03/1-11-02-04
001.483.0K0	OWC-SE-L10-A-K Reg. piombata plastica	1-11-02-03/1-11-02-04
001.483.0X0	OWC-SE-L10-A-X Reg. grano (vecchio codice: 001.483.000)	1-11-02-03/1-11-02-04
001.483.0Z0	OWC-SE-L10-A-Z Reg. fissa	1-11-02-03/1-11-02-04
001.484.0H0	OWC-SE-L10-B-H Reg. piombata	1-11-03-03/1-11-03-04
001.484.0K0	OWC-SE-L10-B-K Reg. piombata plastica	1-11-03-03/1-11-03-04
001.484.0X0	OWC-SE-L10-B-X Reg. grano (vecchio codice: 001.484.000)	1-11-03-03/1-11-03-04
001.484.0Z0	OWC-SE-L10-B-Z Reg. fissa	1-11-03-03/1-11-03-04
001.498.0H0	WBC-40-CC-H Reg. piombata	1-01-03-05/1-01-03-06
001.498.0X0	WBC-40-CC-X Reg. grano (vecchio codice: 001.498.000)	1-01-03-05/1-01-03-06
001.498.0Z0	WBC-40-CC-X Reg. fissa	1-01-03-05/1-01-03-06
001.533.0H0	WB-M-SE-VFF-FOMS-HPR-12-14-H Reg. piombata	1-05-03-01/1-05-03-02
001.533.0K0	WB-M-SE-VFF-FOMS-HPR-12-14-K Reg. piombata plastica	1-05-03-01/1-05-03-02
001.533.0X0	WB-M-SE-VFF-FOMS-HPR-12-14-X Reg. grano (vecchio codice: 001.533.000)	1-05-03-01/1-05-03-02
001.533.0Z0	WB-M-SE-VFF-FOMS-HPR-12-14-Z Reg. fissa	1-05-03-01/1-05-03-02
001.534.0H0	WB-M-SE-VFF-FOLD-12-14-H Reg. piombata (vecchio codice: 001.534.000)	1-05-03-01/1-05-03-02
001.534.0K0	WB-M-SE-VFF-FOLD-12-14-K Reg. piombata plastica (vecchio codice: 001.534.000)	1-05-03-01/1-05-03-02
001.534.0X0	WB-M-SE-VFF-FOLD-12-14-X Reg. grano (vecchio codice: 001.534.000)	1-05-03-01/1-05-03-02
001.534.0Z0	WB-M-SE-VFF-FOLD-12-14-Z Reg. fissa (vecchio codice: 001.534.000)	1-05-03-01/1-05-03-02
001.535.0H0	WB-M-SE-VFF-FOMR-OMP-12-14-H Reg. piombata (vecchio codice: 001.535.000)	1-05-03-01/1-05-03-02
001.535.0K0	WB-M-SE-VFF-FOMR-OMP-12-14-K Reg. piombata plastica (vecchio codice: 001.535.000)	1-05-03-01/1-05-03-02
001.535.0X0	WB-M-SE-VFF-FOMR-OMP-12-14-X Reg. grano (vecchio codice: 001.535.000)	1-05-03-01/1-05-03-02
001.535.0Z0	WB-M-SE-VFF-FOMR-OMP-12-14-Z Reg. fissa (vecchio codice: 001.535.000)	1-05-03-01/1-05-03-02
001.540.0H0	WB-SE-38-14-A.D.O.-H Reg. piombata	1-03-02-07/1-03-02-08
001.540.0K0	WB-SE-38-14-A.D.O.-K Reg. piombata plastica	1-03-02-07/1-03-02-08
001.540.0X0	WB-SE-38-14-A.D.O.-X Reg. grano (vecchio codice: 001.540.000)	1-03-02-07/1-03-02-08
001.540.0Z0	WB-SE-38-14-A.D.O.-Z Reg. fissa	1-03-02-07/1-03-02-08
001.541.0H0	WB-SE-12-14-A.D.O.-H Reg. piombata	1-03-02-07/1-03-02-08
001.541.0K0	WB-SE-12-14-A.D.O.-K Reg. piombata plastica	1-03-02-07/1-03-02-08
001.541.0X0	WB-SE-12-14-A.D.O.-X Reg. grano (vecchio codice: 001.541.000)	1-03-02-07/1-03-02-08
001.541.0Z0	WB-SE-12-14-A.D.O.-Z Reg. fissa	1-03-02-07/1-03-02-08
001.543.0X0	WB-CC1-DE-12-L-X Reg. grano (vecchio codice: 001.543.000)	1-10-02-07/1-10-02-08
001.544.0X0	WB-CC1-DE-12-L-X Reg. grano (vecchio codice: 001.544.000)	1-10-02-07/1-10-02-08
001.545.0H0	WB-M-SE-VFF-FTRW-12-14-H Reg. piombata	1-05-03-01/1-05-03-02
001.545.0K0	WB-M-SE-VFF-FTRW-12-14-K Reg. piombata plastica	1-05-03-01/1-05-03-02
001.545.0X0	WB-M-SE-VFF-FTRW-12-14-X Reg. grano (vecchio codice: 001.545.000)	1-05-03-01/1-05-03-02
001.545.0Z0	WB-M-SE-VFF-FTRW-12-14-Z Reg. fissa	1-05-03-01/1-05-03-02
001.548.0H0	A-WB-CC-SE-14-L-H Reg. piombata	1-04-01-01/1-04-01-02
001.548.0X0	A-WB-CC-SE-14-L-X Reg. grano (vecchio codice: 001.548.000)	1-04-01-01/1-04-01-02
001.548.0Z0	A-WB-CC-SE-14-L-Z Reg. fissa	1-04-01-01/1-04-01-02
001.549.0H0	A-WB-CC-SE-14-L-H Reg. piombata	1-04-01-01/1-04-01-02
001.549.0X0	A-WB-CC-SE-14-L-X Reg. grano (vecchio codice: 001.549.000)	1-04-01-01/1-04-01-02
001.549.0Z0	A-WB-CC-SE-14-L-Z Reg. fissa	1-04-01-01/1-04-01-02
001.550.0H0	WB-SE-14-14-A.D.O.-H Reg. piombata	1-03-02-07/1-03-02-08
001.550.0K0	WB-SE-14-14-A.D.O.-K Reg. piombata plastica	1-03-02-07/1-03-02-08
001.550.0X0	WB-SE-14-14-A.D.O.-X Reg. grano (vecchio codice: 001.550.000)	1-03-02-07/1-03-02-08
001.550.0Z0	WB-SE-14-14-A.D.O.-Z Reg. fissa	1-03-02-07/1-03-02-08
001.564.0H0	OWC-SE-VFF-100-14-FVM2-90-108-H Reg. piombata	1-05-04-01/1-05-04-02
001.564.0K0	OWC-SE-VFF-100-14-FVM2-90-108-K Reg. piombata plastica	1-05-04-01/1-05-04-02
001.564.0X0	OWC-SE-VFF-100-14-FVM2-90-108-X Reg. grano (vecchio codice: 001.564.000)	1-05-04-01/1-05-04-02
001.564.0Z0	OWC-SE-VFF-100-14-FVM2-90-108-Z Reg. fissa	1-05-04-01/1-05-04-02
001.565.0H0	OWC-SE-VFF-34-14-FVM2-45-55-75-H Reg. piombata	1-05-04-01/1-05-04-02
001.565.0K0	OWC-SE-VFF-34-14-FVM2-45-55-75-K Reg. piombata plastica	1-05-04-01/1-05-04-02

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001.565.0X0	OWC-SE-VFF-34-14-FVM2-45-55-75-X Reg. grano (vecchio codice: 001.565.000)	1-05-04-01/1-05-04-02
001.565.0Z0	OWC-SE-VFF-34-14-FVM2-45-55-75-Z Reg. fissa	1-05-04-01/1-05-04-02
001.566.0H0	OWC-SE-VFF-12-14-FVM2-20-30-H Reg. piombata	1-05-04-01/1-05-04-02
001.566.0K0	OWC-SE-VFF-12-14-FVM2-20-30-K Reg. piombata plastica	1-05-04-01/1-05-04-02
001.566.0X0	OWC-SE-VFF-12-14-FVM2-20-30-X Reg. grano (vecchio codice: 001.566.000)	1-05-04-01/1-05-04-02
001.566.0Z0	OWC-SE-VFF-12-14-FVM2-20-30-Z Reg. fissa	1-05-04-01/1-05-04-02
001.579.0H0	WB-DE-FCTD-12-14-H Reg. piombata	1-08-05-03/1-08-05-04
001.579.0K0	WB-DE-FCTD-12-14-K Reg. piombata plastica	1-08-05-03/1-08-05-04
001.579.0X0	WB-DE-FCTD-12-14-X Reg. grano (vecchio codice: 001.580.000)	1-08-05-03/1-08-05-04
001.579.0Z0	WB-DE-FCTD-12-14-Z Reg. fissa (vecchio codice: 001.579.000)	1-08-05-03/1-08-05-04
001.590.000	A-OWC-SE-14-FC1-BO4-H Reg. piombata	1-05-02-01/1-05-02-02
001.601.0H0	OWC-SE-100-12-R8,5-H Reg. piombata	1-03-01-09/1-03-01-10
001.601.0K0	OWC-SE-100-12-R8,5-K Reg. piombata plastica	1-03-01-09/1-03-01-10
001.601.0X0	OWC-SE-100-12-R8,5-X Reg. grano (vecchio codice: 001.601.000)	1-03-01-09/1-03-01-10
001.601.0Z0	OWC-SE-100-12-R8,5-Z Reg. fissa	1-03-01-09/1-03-01-10
001.602.0H0	OWC-SE-100-CC-12-R8,5-H Reg. piombata	1-04-02-03/1-04-02-04
001.602.0X0	OWC-SE-100-CC-12-R8,5-X Reg. grano (vecchio codice: 001.602.000)	1-04-02-03/1-04-02-04
001.602.Z00	OWC-SE-100-CC-12-R8,5-Z Reg. grano	1-04-02-05/1-04-02-06
001.609.0H0	OWC-SE-38-14FCB-H Reg. piombata	1-05-01-01/1-05-01-02
001.609.0K0	OWC-SE-38-14FCB-K Reg. piombata plastica	1-05-01-01/1-05-01-02
001.609.0X0	OWC-SE-38-14FCB-X Reg. grano	1-05-01-01/1-05-01-02
001.609.0Y0	OWC-SE-38-14FCB-Y Reg. RS	1-05-01-01/1-05-01-02
001.609.0Z0	OWC-SE-38-14FCB-Z Reg. fissa	1-05-01-01/1-05-01-02
001.609.AH0	OWC-SE-38-14FCB-A-H Reg. grano	1-05-01-01/1-05-01-02
001.609.AK0	OWC-SE-38-14FCB-A-K Reg. piombata plastica	1-05-01-01/1-05-01-02
001.609.AX0	OWC-SE-38-14FCB-A-X Reg. grano	1-05-01-01/1-05-01-02
001.609.AY0	OWC-SE-38-14FCB-A-Y Reg. RS	1-05-01-01/1-05-01-02
001.609.AZ0	OWC-SE-38-14FCB-A-Z Reg. fissa	1-05-01-01/1-05-01-02
001.609.BH0	OWC-SE-38-14FCB-B-H Reg. piombata	1-05-01-01/1-05-01-02
001.609.BK0	OWC-SE-38-14FCB-B-K Reg. piombata plastica	1-05-01-01/1-05-01-02
001.609.BX0	OWC-SE-38-14FCB-B-X Reg. grano	1-05-01-01/1-05-01-02
001.609.BY0	OWC-SE-38-14FCB-B-Y Reg. RS	1-05-01-01/1-05-01-02
001.609.BZ0	OWC-SE-38-14FCB-B-Z Reg. fissa	1-05-01-01/1-05-01-02
001.609.CH0	OWC-SE-38-14FCB-C-H Reg. piombata	1-05-01-01/1-05-01-02
001.609.CK0	OWC-SE-38-14FCB-C-K Reg. piombata plastica	1-05-01-01/1-05-01-02
001.609.CX0	OWC-SE-38-14FCB-C-X Reg. grano	1-05-01-01/1-05-01-02
001.609.CY0	OWC-SE-38-14FCB-C-Y Reg. RS	1-05-01-01/1-05-01-02
001.609.CZ0	OWC-SE-38-14FCB-C-Z Reg. fissa	1-05-01-01/1-05-01-02
001.610.0H0	OWC-SE-38-14FCB-H Reg. piombata	1-05-01-01/1-05-01-02
001.610.0K0	OWC-SE-38-14FCB-K Reg. piombata plastica	1-05-01-01/1-05-01-02
001.610.0X0	OWC-SE-38-14FCB-X Reg. grano	1-05-01-01/1-05-01-02
001.610.0Y0	OWC-SE-38-14FCB-Y Reg. RS	1-05-01-01/1-05-01-02
001.610.0Z0	OWC-SE-38-14FCB-Z Reg. fissa	1-05-01-01/1-05-01-02
001.610.AH0	OWC-SE-38-14FCB-A-H Reg. piombata	1-05-01-01/1-05-01-02
001.610.AK0	OWC-SE-38-14FCB-A-K Reg. piombata plastica	1-05-01-01/1-05-01-02
001.610.AX0	OWC-SE-38-14FCB-A-X Reg. grano	1-05-01-01/1-05-01-02
001.610.AY0	OWC-SE-38-14FCB-A-Y Reg. RS	1-05-01-01/1-05-01-02
001.610.AZ0	OWC-SE-38-14FCB-A-Z Reg. fissa	1-05-01-01/1-05-01-02
001.610.BH0	OWC-SE-38-14FCB-B-H Reg. piombata	1-05-01-01/1-05-01-02
001.610.BK0	OWC-SE-38-14FCB-B-K Reg. piombata plastica	1-05-01-01/1-05-01-02
001.610.BX0	OWC-SE-38-14FCB-B-X Reg. grano	1-05-01-01/1-05-01-02
001.610.BY0	OWC-SE-38-14FCB-B-Y Reg. RS	1-05-01-01/1-05-01-02
001.610.BZ0	OWC-SE-38-14FCB-B-Z Reg. fissa	1-05-01-01/1-05-01-02
001.610.CH0	OWC-SE-38-14FCB-C-H Reg. piombata	1-05-01-01/1-05-01-02
001.610.CK0	OWC-SE-38-14FCB-C-K Reg. piombata plastica	1-05-01-01/1-05-01-02
001.610.CX0	OWC-SE-38-14FCB-C-X Reg. grano	1-05-01-01/1-05-01-02
001.610.CY0	OWC-SE-38-14FCB-C-Y Reg. RS	1-05-01-01/1-05-01-02
001.610.CZ0	OWC-SE-38-14FCB-C-Z Reg. fissa	1-05-01-01/1-05-01-02
001.611.0H0	OWC-SE-12-14FCB-H Reg. piombata	1-05-01-01/1-05-01-02
001.611.0K0	OWC-SE-12-14FCB-K Reg. piombata plastica	1-05-01-01/1-05-01-02
001.611.0X0	OWC-SE-12-14FCB-X Reg. grano	1-05-01-01/1-05-01-02
001.611.0Y0	OWC-SE-12-14FCB-Y Reg. RS	1-05-01-01/1-05-01-02
001.611.0Z0	OWC-SE-12-14FCB-Z Reg. fissa	1-05-01-01/1-05-01-02
001.611.AH0	OWC-SE-12-14FCB-A-H Reg. piombata	1-05-01-01/1-05-01-02
001.611.AK0	OWC-SE-12-14FCB-A-K Reg. piombata plastica	1-05-01-01/1-05-01-02
001.611.AX0	OWC-SE-12-14FCB-A-X Reg. grano	1-05-01-01/1-05-01-02
001.611.AY0	OWC-SE-12-14FCB-A-Y Reg. RS	1-05-01-01/1-05-01-02
001.611.AZ0	OWC-SE-12-14FCB-A-Z Reg. fissa	1-05-01-01/1-05-01-02
001.611.BH0	OWC-SE-12-14FCB-B-H Reg. piombata	1-05-01-01/1-05-01-02
001.611.BK0	OWC-SE-12-14FCB-B-K Reg. piombata plastica	1-05-01-01/1-05-01-02
001.611.BX0	OWC-SE-12-14FCB-B-X Reg. grano	1-05-01-01/1-05-01-02
001.611.BY0	OWC-SE-12-14FCB-B-Y Reg. RS	1-05-01-01/1-05-01-02
001.611.BZ0	OWC-SE-12-14FCB-B-Z Reg. fissa	1-05-01-01/1-05-01-02
001.611.CH0	OWC-SE-12-14FCB-C-H Reg. piombata	1-05-01-01/1-05-01-02

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001.611.CK0	OWC-SE-12-14FCB-C-K Reg. piombata plastica	1-05-01-01/1-05-01-02
001.611.CX0	OWC-SE-12-14FCB-C-X Reg. grano	1-05-01-01/1-05-01-02
001.611.CY0	OWC-SE-12-14FCB-C-Y Reg. RS	1-05-01-01/1-05-01-02
001.611.CZ0	OWC-SE-12-14FCB-C-Z Reg. fissa	1-05-01-01/1-05-01-02
001.612.0H0	OWC-SE-12-14FCB-H Reg. piombata	1-05-01-01/1-05-01-02
001.612.0K0	OWC-SE-12-14FCB-K Reg. piombata plastica	1-05-01-01/1-05-01-02
001.612.0X0	OWC-SE-12-14FCB-X Reg. grano	1-05-01-01/1-05-01-02
001.612.0Y0	OWC-SE-12-14FCB-Y Reg. RS	1-05-01-01/1-05-01-02
001.612.0Z0	OWC-SE-12-14FCB-Z Reg. fissa	1-05-01-01/1-05-01-02
001.612.AH0	OWC-SE-12-14FCB-A-H Reg. piombata	1-05-01-01/1-05-01-02
001.612.AK0	OWC-SE-12-14FCB-A-K Reg. piombata plastica	1-05-01-01/1-05-01-02
001.612.AX0	OWC-SE-12-14FCB-A-X Reg. grano	1-05-01-01/1-05-01-02
001.612.AY0	OWC-SE-12-14FCB-A-Y Reg. RS	1-05-01-01/1-05-01-02
001.612.AZ0	OWC-SE-12-14FCB-A-Z Reg. fissa	1-05-01-01/1-05-01-02
001.612.BH0	OWC-SE-12-14FCB-B-H Reg. piombata	1-05-01-01/1-05-01-02
001.612.BK0	OWC-SE-12-14FCB-B-K Reg. piombata plastica	1-05-01-01/1-05-01-02
001.612.BX0	OWC-SE-12-14FCB-B-X Reg. grano	1-05-01-01/1-05-01-02
001.612.BY0	OWC-SE-12-14FCB-B-Y Reg. RS	1-05-01-01/1-05-01-02
001.612.BZ0	OWC-SE-12-14FCB-B-Z Reg. fissa	1-05-01-01/1-05-01-02
001.612.CH0	OWC-SE-12-14FCB-C-H Reg. piombata	1-05-01-01/1-05-01-02
001.612.CK0	OWC-SE-12-14FCB-C-K Reg. piombata plastica	1-05-01-01/1-05-01-02
001.612.CX0	OWC-SE-12-14FCB-C-X Reg. grano	1-05-01-01/1-05-01-02
001.612.CY0	OWC-SE-12-14FCB-C-Y Reg. RS	1-05-01-01/1-05-01-02
001.612.CZ0	OWC-SE-12-14FCB-C-Z Reg. fissa	1-05-01-01/1-05-01-02
001.613.0H0	WB-SE-38-14FCB-H Reg. piombata	1-05-01-03/1-05-01-04
001.613.0K0	WB-SE-38-14FCB-K Reg. piombata plastica	1-05-01-03/1-05-01-04
001.613.0X0	WB-SE-38-14FCB-X Reg. grano	1-05-01-03/1-05-01-04
001.613.0Z0	WB-SE-38-14FCB-Z Reg. fissa	1-05-01-03/1-05-01-04
001.613.AH0	WB-SE-38-14FCB-A-H Reg. piombata	1-05-01-03/1-05-01-04
001.613.AK0	WB-SE-38-14FCB-A-K Reg. piombata plastica	1-05-01-03/1-05-01-04
001.613.AX0	WB-SE-38-14FCB-A-X Reg. grano	1-05-01-03/1-05-01-04
001.613.AZ0	WB-SE-38-14FCB-A-Z Reg. fissa	1-05-01-03/1-05-01-04
001.613.BH0	WB-SE-38-14FCB-B-H Reg. piombata	1-05-01-03/1-05-01-04
001.613.BK0	WB-SE-38-14FCB-B-K Reg. piombata plastica	1-05-01-03/1-05-01-04
001.613.BX0	WB-SE-38-14FCB-B-X Reg. grano	1-05-01-03/1-05-01-04
001.613.BZ0	WB-SE-38-14FCB-B-Z Reg. fissa	1-05-01-03/1-05-01-04
001.613.CH0	WB-SE-38-14FCB-C-H Reg. piombata	1-05-01-03/1-05-01-04
001.613.CK0	WB-SE-38-14FCB-C-K Reg. piombata plastica	1-05-01-03/1-05-01-04
001.613.CX0	WB-SE-38-14FCB-C-X Reg. grano	1-05-01-03/1-05-01-04
001.613.CZ0	WB-SE-38-14FCB-C-Z Reg. fissa	1-05-01-03/1-05-01-04
001.614.0H0	WB-SE-38-14FCB-H Reg. piombata	1-05-01-03/1-05-01-04
001.614.0K0	WB-SE-38-14FCB-K Reg. piombata plastica	1-05-01-03/1-05-01-04
001.614.0X0	WB-SE-38-14FCB-X Reg. grano	1-05-01-03/1-05-01-04
001.614.0Z0	WB-SE-38-14FCB-Z Reg. fissa	1-05-01-03/1-05-01-04
001.614.AH0	WB-SE-38-14FCB-A-H Reg. piombata	1-05-01-03/1-05-01-04
001.614.AK0	WB-SE-38-14FCB-A-K Reg. piombata plastica	1-05-01-03/1-05-01-04
001.614.AX0	WB-SE-38-14FCB-A-X Reg. grano	1-05-01-03/1-05-01-04
001.614.AZ0	WB-SE-38-14FCB-A-Z Reg. fissa	1-05-01-03/1-05-01-04
001.614.BH0	WB-SE-38-14FCB-B-H Reg. piombata	1-05-01-03/1-05-01-04
001.614.BK0	WB-SE-38-14FCB-B-K Reg. piombata plastica	1-05-01-03/1-05-01-04
001.614.BX0	WB-SE-38-14FCB-B-X Reg. grano	1-05-01-03/1-05-01-04
001.614.BZ0	WB-SE-38-14FCB-B-Z Reg. fissa	1-05-01-03/1-05-01-04
001.614.CH0	WB-SE-38-14FCB-C-H Reg. piombata	1-05-01-03/1-05-01-04
001.614.CK0	WB-SE-38-14FCB-C-K Reg. piombata plastica	1-05-01-03/1-05-01-04
001.614.CX0	WB-SE-38-14FCB-C-X Reg. grano	1-05-01-03/1-05-01-04
001.614.CZ0	WB-SE-38-14FCB-C-Z Reg. fissa	1-05-01-03/1-05-01-04
001.615.0H0	WB-SE-12-14FCB-H Reg. piombata	1-05-01-03/1-05-01-04
001.615.0K0	WB-SE-12-14FCB-K Reg. piombata plastica	1-05-01-03/1-05-01-04
001.615.0X0	WB-SE-12-14FCB-X Reg. grano	1-05-01-03/1-05-01-04
001.615.0Z0	WB-SE-12-14FCB-Z Reg. fissa	1-05-01-03/1-05-01-04
001.615.AH0	WB-SE-12-14FCB-A-H Reg. piombata	1-05-01-03/1-05-01-04
001.615.AK0	WB-SE-12-14FCB-A-K Reg. piombata plastica	1-05-01-03/1-05-01-04
001.615.AX0	WB-SE-12-14FCB-A-X Reg. grano	1-05-01-03/1-05-01-04
001.615.AZ0	WB-SE-12-14FCB-A-Z Reg. fissa	1-05-01-03/1-05-01-04
001.615.BH0	WB-SE-12-14FCB-B-H Reg. piombata	1-05-01-03/1-05-01-04
001.615.BK0	WB-SE-12-14FCB-B-K Reg. piombata plastica	1-05-01-03/1-05-01-04
001.615.BX0	WB-SE-12-14FCB-B-X Reg. grano	1-05-01-03/1-05-01-04
001.615.BZ0	WB-SE-12-14FCB-B-Z Reg. fissa	1-05-01-03/1-05-01-04
001.615.CH0	WB-SE-12-14FCB-C-H Reg. piombata	1-05-01-03/1-05-01-04
001.615.CK0	WB-SE-12-14FCB-C-K Reg. piombata plastica	1-05-01-03/1-05-01-04
001.615.CX0	WB-SE-12-14FCB-C-X Reg. grano	1-05-01-03/1-05-01-04
001.615.CZ0	WB-SE-12-14FCB-C-Z Reg. fissa	1-05-01-03/1-05-01-04
001.616.0H0	WB-SE-12-14FCB-H Reg. piombata	1-05-01-03/1-05-01-04
001.616.0K0	WB-SE-12-14FCB-K Reg. piombata plastica	1-05-01-03/1-05-01-04

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001.616.0X0	WB-SE-12-14FCB-X Reg. grano	1-05-01-03/1-05-01-04
001.616.0Z0	WB-SE-12-14FCB-Z Reg. fissa	1-05-01-03/1-05-01-04
001.616.AH0	WB-SE-12-14FCB-A-H Reg. piombata	1-05-01-03/1-05-01-04
001.616.AK0	WB-SE-12-14FCB-A-K Reg. piombata plastica	1-05-01-03/1-05-01-04
001.616.AX0	WB-SE-12-14FCB-A-X Reg. grano	1-05-01-03/1-05-01-04
001.616.AZ0	WB-SE-12-14FCB-A-Z Reg. fissa	1-05-01-03/1-05-01-04
001.616.BH0	WB-SE-12-14FCB-B-H Reg. piombata	1-05-01-03/1-05-01-04
001.616.BK0	WB-SE-12-14FCB-B-K Reg. piombata plastica	1-05-01-03/1-05-01-04
001.616.BX0	WB-SE-12-14FCB-B-X Reg. grano	1-05-01-03/1-05-01-04
001.616.BZ0	WB-SE-12-14FCB-B-Z Reg. fissa	1-05-01-03/1-05-01-04
001.616.CH0	WB-SE-12-14FCB-C-H Reg. piombata	1-05-01-03/1-05-01-04
001.616.CK0	WB-SE-12-14FCB-C-K Reg. piombata plastica	1-05-01-03/1-05-01-04
001.616.CX0	WB-SE-12-14FCB-C-X Reg. grano	1-05-01-03/1-05-01-04
001.616.CZ0	WB-SE-12-14FCB-C-Z Reg. fissa	1-05-01-03/1-05-01-04
001.618.0H0	WB-M-SE-VFF-FSH-12-14-H Reg. piombata	1-05-03-01/1-05-03-02
001.618.0K0	WB-M-SE-VFF-FSH-12-14-K Reg. piombata plastica	1-05-03-01/1-05-03-02
001.618.0X0	WB-M-SE-VFF-FSH-12-14-X Reg. grano (vecchio codice: 001.618.000)	1-05-03-01/1-05-03-02
001.618.0Z0	WB-M-SE-VFF-FSH-12-14-Z Reg. fissa	1-05-03-01/1-05-03-02
001.620.0H0	OWC-30-H Reg. piombata	1-01-01-03/1-01-01-04
001.620.0X0	OWC-30-X Reg. grano (vecchio codice: 001.620.000)	1-01-01-03/1-01-01-04
001.621.0H0	OWC-30-CC-H Reg. piombata	1-01-03-03/1-01-03-04
001.621.0X0	OWC-30-CC-X Reg. grano (vecchio codice: 001.621.000)	1-01-03-03/1-01-03-04
001.624.AH0	OWC-30-SE-VMP-14-A-H Reg. piombata	1-03-03-01/1-03-03-02
001.624.AX0	OWC-30-SE-VMP-14-A-X Reg. grano (vecchio codice: 001.624.000)	1-03-03-01/1-03-03-02
001.624.BH0	OWC-30-SE-VMP-14-B-H Reg. piombata	1-03-03-01/1-03-03-02
001.624.BX0	OWC-30-SE-VMP-14-B-X Reg. grano	1-03-03-01/1-03-03-02
001.624.CH0	OWC-30-SE-VMP-14-C-H Reg. piombata	1-03-03-01/1-03-03-02
001.624.CX0	OWC-30-SE-VMP-14-C-X Reg. grano	1-03-03-01/1-03-03-02
001.625.0H0	OWC-30-SE-VMP-14-L-H Reg. piombata	1-03-03-03/1-03-03-04
001.625.0X0	OWC-30-SE-VMP-14-L-X Reg. grano (vecchio codice: 001.625.000)	1-03-03-03/1-03-03-04
001.629.0H0	F-WBCCA-DE-14-L-H Reg. piombata	1-06-01-07/1-06-01-08
001.629.0K0	F-WBCCA-DE-14-L-K Reg. piombata plastica	1-06-01-07/1-06-01-08
001.629.0X0	F-WBCCA-DE-14-L-X Reg. grano	1-06-01-07/1-06-01-08
001.629.BH0	F-WBCCA-DE-14-L-B-H Reg. piombata	1-06-01-07/1-06-01-08
001.629.BK0	F-WBCCA-DE-14-L-B-K Reg. piombata plastica	1-06-01-07/1-06-01-08
001.629.BX0	F-WBCCA-DE-14-L-B-X Reg. grano	1-06-01-07/1-06-01-08
001.629.DH0	F-WBCCA-DE-14-L-D-H Reg. piombata	1-06-01-07/1-06-01-08
001.629.DK0	F-WBCCA-DE-14-L-D-K Reg. piombata plastica	1-06-01-07/1-06-01-08
001.629.DX0	F-WBCCA-DE-14-L-D-X Reg. grano	1-06-01-07/1-06-01-08
001.630.0H0	F-WBCCA-DE-38-L-H Reg. piombata	1-06-01-07/1-06-01-08
001.630.0K0	F-WBCCA-DE-38-L-K Reg. piombata plastica	1-06-01-07/1-06-01-08
001.630.0X0	F-WBCCA-DE-38-L-X Reg. grano	1-06-01-07/1-06-01-08
001.630.BH0	F-WBCCA-DE-38-L-B-H Reg. piombata	1-06-01-07/1-06-01-08
001.630.BK0	F-WBCCA-DE-38-L-B-K Reg. piombata plastica	1-06-01-07/1-06-01-08
001.630.BX0	F-WBCCA-DE-38-L-B-X Reg. grano	1-06-01-07/1-06-01-08
001.630.DH0	F-WBCCA-DE-38-L-D-H Reg. piombata	1-06-01-07/1-06-01-08
001.630.DK0	F-WBCCA-DE-38-L-D-K Reg. piombata plastica	1-06-01-07/1-06-01-08
001.630.DX0	F-WBCCA-DE-38-L-D-X Reg. grano	1-06-01-07/1-06-01-08
001.631.0H0	F-WBCCA-DE-12-L-H Reg. piombata	1-06-01-07/1-06-01-08
001.631.0K0	F-WBCCA-DE-12-L-K Reg. piombata plastica	1-06-01-07/1-06-01-08
001.631.0X0	F-WBCCA-DE-12-L-X Reg. grano	1-06-01-07/1-06-01-08
001.631.BH0	F-WBCCA-DE-12-L-B-H Reg. piombata	1-06-01-07/1-06-01-08
001.631.BK0	F-WBCCA-DE-12-L-B-K Reg. piombata plastica	1-06-01-07/1-06-01-08
001.631.BX0	F-WBCCA-DE-12-L-B-X Reg. grano	1-06-01-07/1-06-01-08
001.631.DH0	F-WBCCA-DE-12-L-D-H Reg. piombata	1-06-01-07/1-06-01-08
001.631.DK0	F-WBCCA-DE-12-L-D-K Reg. piombata plastica	1-06-01-07/1-06-01-08
001.631.DX0	F-WBCCA-DE-12-L-D-X Reg. grano	1-06-01-07/1-06-01-08
001.632.0H0	F-WBCCA-SE-14-FC2-H Reg. piombata	1-08-02-07/1-08-02-08
001.632.0K0	F-WBCCA-SE-14-FC2-K Reg. piombata plastica	1-08-02-07/1-08-02-08
001.632.0X0	F-WBCCA-SE-14-FC2-X Reg. grano	1-08-02-07/1-08-02-08
001.632.BH0	F-WBCCA-SE-14-FC2-B-H Reg. piombata	1-08-02-07/1-08-02-08
001.632.BK0	F-WBCCA-SE-14-FC2-B-K Reg. piombata plastica	1-08-02-07/1-08-02-08
001.632.BX0	F-WBCCA-SE-14-FC2-B-X Reg. grano	1-08-02-07/1-08-02-08
001.632.DH0	F-WBCCA-SE-14-FC2-D-H Reg. piombata	1-08-02-07/1-08-02-08
001.632.DK0	F-WBCCA-SE-14-FC2-D-K Reg. piombata plastica	1-08-02-07/1-08-02-08
001.632.DX0	F-WBCCA-SE-14-FC2-D-X Reg. grano	1-08-02-07/1-08-02-08
001.633.0H0	F-WBCCA-SE-38-FC2-H Reg. piombata	1-08-02-07/1-08-02-08
001.633.0K0	F-WBCCA-SE-38-FC2-K Reg. piombata plastica	1-08-02-07/1-08-02-08
001.633.0X0	F-WBCCA-SE-38-FC2-X Reg. grano	1-08-02-07/1-08-02-08
001.633.BH0	F-WBCCA-SE-38-FC2-B-H Reg. piombata	1-08-02-07/1-08-02-08
001.633.BK0	F-WBCCA-SE-38-FC2-B-K Reg. piombata plastica	1-08-02-07/1-08-02-08
001.633.BX0	F-WBCCA-SE-38-FC2-B-X Reg. grano	1-08-02-07/1-08-02-08
001.633.DH0	F-WBCCA-SE-38-FC2-D-H Reg. piombata	1-08-02-07/1-08-02-08
001.633.DK0	F-WBCCA-SE-38-FC2-D-K Reg. piombata plastica	1-08-02-07/1-08-02-08

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001.633.DX0	F-WBCCA-SE-38-FC2-D-X Reg. grano	1-08-02-07/1-08-02-08
001.634.0H0	F-WBCCA-SE-12-FC2-H Reg. piombata	1-08-02-07/1-08-02-08
001.634.0K0	F-WBCCA-SE-12-FC2-K Reg. piombata plastica	1-08-02-07/1-08-02-08
001.634.0X0	F-WBCCA-SE-12-FC2-X Reg. grano	1-08-02-07/1-08-02-08
001.634.BH0	F-WBCCA-SE-12-FC2-B-H Reg. piombata	1-08-02-07/1-08-02-08
001.634.BK0	F-WBCCA-SE-12-FC2-B-K Reg. piombata plastica	1-08-02-07/1-08-02-08
001.634.BX0	F-WBCCA-SE-12-FC2-B-X Reg. grano	1-08-02-07/1-08-02-08
001.634.DH0	F-WBCCA-SE-12-FC2-D-H Reg. piombata	1-08-02-07/1-08-02-08
001.634.DK0	F-WBCCA-SE-12-FC2-D-K Reg. piombata plastica	1-08-02-07/1-08-02-08
001.634.DX0	F-WBCCA-SE-12-FC2-D-X Reg. grano	1-08-02-07/1-08-02-08
001.635.0H0	OWC-30-H Reg. piombata	1-01-01-03/1-01-01-04
001.635.0X0	OWC-30-X Reg. grano (vecchio codice: 001.635.000)	1-01-01-03/1-01-01-04
001.636.0H0	OWC-30-CC-H Reg. piombata	1-01-03-03/1-01-03-04
001.636.0X0	OWC-30-CC-X Reg. grano (vecchio codice: 001.636.000)	1-01-03-03/1-01-03-04
001.637.0H0	F-WBCCA-SE-14-L-H Reg. piombata	1-03-01-11/1-03-01-12
001.637.0K0	F-WBCCA-SE-14-L-K Reg. piombata plastica	1-03-01-11/1-03-01-12
001.637.0W0	F-WBCCA-SE-14-L-W Reg. piombata	1-03-01-11/1-03-01-12
001.637.0X0	F-WBCCA-SE-14-L-X Reg. grano	1-03-01-11/1-03-01-12
001.637.0Y0	F-WBCCA-SE-14-L-Y Reg. grano	1-03-01-11/1-03-01-12
001.637.0Z0	F-WBCCA-SE-14-L-Z Reg. piombata plastica	1-03-01-11/1-03-01-12
001.637.BH0	F-WBCCA-SE-14-L-B-H Reg. piombata	1-03-01-11/1-03-01-12
001.637.BK0	F-WBCCA-SE-14-L-B-K Reg. piombata plastica	1-03-01-11/1-03-01-12
001.637.BW0	F-WBCCA-SE-14-L-B-W Reg. piombata	1-03-01-11/1-03-01-12
001.637.BX0	F-WBCCA-SE-14-L-B-X Reg. grano	1-03-01-11/1-03-01-12
001.637.BY0	F-WBCCA-SE-14-L-B-Y Reg. grano	1-03-01-11/1-03-01-12
001.637.BZ0	F-WBCCA-SE-14-L-B-Z Reg. piombata plastica	1-03-01-11/1-03-01-12
001.637.DH0	F-WBCCA-SE-14-L-D-H Reg. piombata	1-03-01-11/1-03-01-12
001.637.DK0	F-WBCCA-SE-14-L-D-K Reg. piombata plastica	1-03-01-11/1-03-01-12
001.637.DW0	F-WBCCA-SE-14-L-D-W Reg. piombata	1-03-01-11/1-03-01-12
001.637.DX0	F-WBCCA-SE-14-L-D-X Reg. grano	1-03-01-11/1-03-01-12
001.637.DY0	F-WBCCA-SE-14-L-D-Y Reg. grano	1-03-01-11/1-03-01-12
001.637.DZ0	F-WBCCA-SE-14-L-D-Z Reg. piombata plastica	1-03-01-11/1-03-01-12
001.638.0H0	F-WBCCA-SE-38-L-H Reg. piombata	1-03-01-11/1-03-01-12
001.638.0K0	F-WBCCA-SE-38-L-K Reg. piombata plastica	1-03-01-11/1-03-01-12
001.638.0W0	F-WBCCA-SE-38-L-W Reg. piombata	1-03-01-11/1-03-01-12
001.638.0X0	F-WBCCA-SE-38-L-X Reg. grano	1-03-01-11/1-03-01-12
001.638.0Y0	F-WBCCA-SE-38-L-Y Reg. grano	1-03-01-11/1-03-01-12
001.638.0Z0	F-WBCCA-SE-38-L-Z Reg. piombata plastica	1-03-01-11/1-03-01-12
001.638.BH0	F-WBCCA-SE-38-L-B-H Reg. piombata	1-03-01-11/1-03-01-12
001.638.BK0	F-WBCCA-SE-38-L-B-K Reg. piombata plastica	1-03-01-11/1-03-01-12
001.638.BW0	F-WBCCA-SE-38-L-B-W Reg. piombata	1-03-01-11/1-03-01-12
001.638.BX0	F-WBCCA-SE-38-L-B-X Reg. grano	1-03-01-11/1-03-01-12
001.638.BY0	F-WBCCA-SE-38-L-B-Y Reg. grano	1-03-01-11/1-03-01-12
001.638.BZ0	F-WBCCA-SE-38-L-B-Z Reg. piombata plastica	1-03-01-11/1-03-01-12
001.638.DH0	F-WBCCA-SE-38-L-D-H Reg. piombata	1-03-01-11/1-03-01-12
001.638.DK0	F-WBCCA-SE-38-L-D-K Reg. piombata plastica	1-03-01-11/1-03-01-12
001.638.DW0	F-WBCCA-SE-38-L-D-W Reg. piombata	1-03-01-11/1-03-01-12
001.638.DX0	F-WBCCA-SE-38-L-D-X Reg. grano	1-03-01-11/1-03-01-12
001.638.DY0	F-WBCCA-SE-38-L-D-Y Reg. grano	1-03-01-11/1-03-01-12
001.638.DZ0	F-WBCCA-SE-38-L-D-Z Reg. piombata plastica	1-03-01-11/1-03-01-12
001.639.0H0	F-WBCCA-SE-12-L-H Reg. piombata	1-03-01-11/1-03-01-12
001.639.0K0	F-WBCCA-SE-12-L-K Reg. piombata plastica	1-03-01-11/1-03-01-12
001.639.0W0	F-WBCCA-SE-12-L-W Reg. piombata	1-03-01-11/1-03-01-12
001.639.0X0	F-WBCCA-SE-12-L-X Reg. grano	1-03-01-11/1-03-01-12
001.639.0Y0	F-WBCCA-SE-12-L-Y Reg. grano	1-03-01-11/1-03-01-12
001.639.0Z0	F-WBCCA-SE-12-L-Z Reg. piombata plastica	1-03-01-11/1-03-01-12
001.639.BH0	F-WBCCA-SE-12-L-B-H Reg. piombata	1-03-01-11/1-03-01-12
001.639.BK0	F-WBCCA-SE-12-L-B-K Reg. piombata plastica	1-03-01-11/1-03-01-12
001.639.BW0	F-WBCCA-SE-12-L-B-W Reg. piombata	1-03-01-11/1-03-01-12
001.639.BX0	F-WBCCA-SE-12-L-B-X Reg. grano	1-03-01-11/1-03-01-12
001.639.BY0	F-WBCCA-SE-12-L-B-Y Reg. grano	1-03-01-11/1-03-01-12
001.639.BZ0	F-WBCCA-SE-12-L-B-Z Reg. piombata plastica	1-03-01-11/1-03-01-12
001.639.DH0	F-WBCCA-SE-12-L-D-H Reg. piombata	1-03-01-11/1-03-01-12
001.639.DK0	F-WBCCA-SE-12-L-D-K Reg. piombata plastica	1-03-01-11/1-03-01-12
001.639.DW0	F-WBCCA-SE-12-L-D-W Reg. piombata	1-03-01-11/1-03-01-12
001.639.DX0	F-WBCCA-SE-12-L-D-X Reg. grano	1-03-01-11/1-03-01-12
001.639.DY0	F-WBCCA-SE-12-L-D-Y Reg. grano	1-03-01-11/1-03-01-12
001.639.DZ0	F-WBCCA-SE-12-L-D-Z Reg. piombata plastica	1-03-01-11/1-03-01-12
001.640.0H0	F-WBCCA-SE-14-FC1-H Reg. piombata	1-05-02-03/1-05-02-04
001.640.0K0	F-WBCCA-SE-14-FC1-K Reg. piombata plastica	1-05-02-03/1-05-02-04
001.640.0W0	F-WBCCA-SE-14-FC1-W Reg. piombata	1-05-02-03/1-05-02-04
001.640.0X0	F-WBCCA-SE-14-FC1-X Reg. grano	1-05-02-03/1-05-02-04
001.640.0Y0	F-WBCCA-SE-14-FC1-Y Reg. grano	1-05-02-03/1-05-02-04
001.640.0Z0	F-WBCCA-SE-14-FC1-Z Reg. piombata plastica	1-05-02-03/1-05-02-04

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001.640.BH0	F-WBCCA-SE-14-FC1-B-H Reg. piombata	1-05-02-03/1-05-02-04
001.640.BK0	F-WBCCA-SE-14-FC1-B-K Reg. piombata plastica	1-05-02-03/1-05-02-04
001.640.BW0	F-WBCCA-SE-14-FC1-B-W Reg. piombata	1-05-02-03/1-05-02-04
001.640.BX0	F-WBCCA-SE-14-FC1-B-X Reg. grano	1-05-02-03/1-05-02-04
001.640.BY0	F-WBCCA-SE-14-FC1-B-Y Reg. grano	1-05-02-03/1-05-02-04
001.640.BZ0	F-WBCCA-SE-14-FC1-B-Z Reg. piombata plastica	1-05-02-03/1-05-02-04
001.640.DH0	F-WBCCA-SE-14-FC1-D-H Reg. piombata	1-05-02-03/1-05-02-04
001.640.DK0	F-WBCCA-SE-14-FC1-D-K Reg. piombata plastica	1-05-02-03/1-05-02-04
001.640.DW0	F-WBCCA-SE-14-FC1-D-W Reg. piombata	1-05-02-03/1-05-02-04
001.640.DX0	F-WBCCA-SE-14-FC1-D-X Reg. grano	1-05-02-03/1-05-02-04
001.640.DY0	F-WBCCA-SE-14-FC1-D-Y Reg. grano	1-05-02-03/1-05-02-04
001.640.DZ0	F-WBCCA-SE-14-FC1-D-Z Reg. piombata plastica	1-05-02-03/1-05-02-04
001.641.0H0	F-WBCCA-SE-38-FC1-H Reg. piombata	1-05-02-03/1-05-02-04
001.641.0K0	F-WBCCA-SE-38-FC1-K Reg. piombata plastica	1-05-02-03/1-05-02-04
001.641.0W0	F-WBCCA-SE-38-FC1-W Reg. piombata	1-05-02-03/1-05-02-04
001.641.0X0	F-WBCCA-SE-38-FC1-X Reg. grano	1-05-02-03/1-05-02-04
001.641.0Y0	F-WBCCA-SE-38-FC1-Y Reg. grano	1-05-02-03/1-05-02-04
001.641.0Z0	F-WBCCA-SE-38-FC1-Z Reg. piombata plastica	1-05-02-03/1-05-02-04
001.641.BH0	F-WBCCA-SE-38-FC1-B-H Reg. piombata	1-05-02-03/1-05-02-04
001.641.BK0	F-WBCCA-SE-38-FC1-B-K Reg. piombata plastica	1-05-02-03/1-05-02-04
001.641.BW0	F-WBCCA-SE-38-FC1-B-W Reg. piombata	1-05-02-03/1-05-02-04
001.641.BX0	F-WBCCA-SE-38-FC1-B-X Reg. grano	1-05-02-03/1-05-02-04
001.641.BY0	F-WBCCA-SE-38-FC1-B-Y Reg. grano	1-05-02-03/1-05-02-04
001.641.BZ0	F-WBCCA-SE-38-FC1-B-Z Reg. piombata plastica	1-05-02-03/1-05-02-04
001.641.DH0	F-WBCCA-SE-38-FC1-D-H Reg. piombata	1-05-02-03/1-05-02-04
001.641.DK0	F-WBCCA-SE-38-FC1-D-K Reg. piombata plastica	1-05-02-03/1-05-02-04
001.641.DW0	F-WBCCA-SE-38-FC1-D-W Reg. piombata	1-05-02-03/1-05-02-04
001.641.DX0	F-WBCCA-SE-38-FC1-D-X Reg. grano	1-05-02-03/1-05-02-04
001.641.DY0	F-WBCCA-SE-38-FC1-D-Y Reg. grano	1-05-02-03/1-05-02-04
001.641.DZ0	F-WBCCA-SE-38-FC1-D-Z Reg. piombata plastica	1-05-02-03/1-05-02-04
001.642.0H0	F-WBCCA-SE-12-FC1-H Reg. piombata	1-05-02-03/1-05-02-04
001.642.0K0	F-WBCCA-SE-12-FC1-K Reg. piombata plastica	1-05-02-03/1-05-02-04
001.642.0W0	F-WBCCA-SE-12-FC1-W Reg. piombata	1-05-02-03/1-05-02-04
001.642.0X0	F-WBCCA-SE-12-FC1-X Reg. grano	1-05-02-03/1-05-02-04
001.642.0Y0	F-WBCCA-SE-12-FC1-Y Reg. grano	1-05-02-03/1-05-02-04
001.642.0Z0	F-WBCCA-SE-12-FC1-Z Reg. piombata plastica	1-05-02-03/1-05-02-04
001.642.BH0	F-WBCCA-SE-12-FC1-B-H Reg. piombata	1-05-02-03/1-05-02-04
001.642.BK0	F-WBCCA-SE-12-FC1-B-K Reg. piombata plastica	1-05-02-03/1-05-02-04
001.642.BW0	F-WBCCA-SE-12-FC1-B-W Reg. piombata	1-05-02-03/1-05-02-04
001.642.BX0	F-WBCCA-SE-12-FC1-B-X Reg. grano	1-05-02-03/1-05-02-04
001.642.BY0	F-WBCCA-SE-12-FC1-B-Y Reg. grano	1-05-02-03/1-05-02-04
001.642.BZ0	F-WBCCA-SE-12-FC1-B-Z Reg. piombata plastica	1-05-02-03/1-05-02-04
001.642.DH0	F-WBCCA-SE-12-FC1-D-H Reg. piombata	1-05-02-03/1-05-02-04
001.642.DK0	F-WBCCA-SE-12-FC1-D-K Reg. piombata plastica	1-05-02-03/1-05-02-04
001.642.DW0	F-WBCCA-SE-12-FC1-D-W Reg. piombata	1-05-02-03/1-05-02-04
001.642.DX0	F-WBCCA-SE-12-FC1-D-X Reg. grano	1-05-02-03/1-05-02-04
001.642.DY0	F-WBCCA-SE-12-FC1-D-Y Reg. grano	1-05-02-03/1-05-02-04
001.642.DZ0	F-WBCCA-SE-12-FC1-D-Z Reg. piombata plastica	1-05-02-03/1-05-02-04
001.643.0H0	F-WBCCA-SE-14-FC2-H Reg. piombata	1-05-02-05/1-05-02-06
001.643.0K0	F-WBCCA-SE-14-FC2-K Reg. piombata plastica	1-05-02-05/1-05-02-06
001.643.0W0	F-WBCCA-SE-14-FC2-W Reg. piombata	1-05-02-05/1-05-02-06
001.643.0X0	F-WBCCA-SE-14-FC2-X Reg. grano	1-05-02-05/1-05-02-06
001.643.0Y0	F-WBCCA-SE-14-FC2-Y Reg. grano	1-05-02-05/1-05-02-06
001.643.0Z0	F-WBCCA-SE-14-FC2-Z Reg. piombata plastica	1-05-02-05/1-05-02-06
001.643.BH0	F-WBCCA-SE-14-FC2-B-H Reg. piombata	1-05-02-05/1-05-02-06
001.643.BK0	F-WBCCA-SE-14-FC2-B-K Reg. piombata plastica	1-05-02-05/1-05-02-06
001.643.BW0	F-WBCCA-SE-14-FC2-B-W Reg. piombata	1-05-02-05/1-05-02-06
001.643.BX0	F-WBCCA-SE-14-FC2-B-X Reg. grano	1-05-02-05/1-05-02-06
001.643.BY0	F-WBCCA-SE-14-FC2-B-Y Reg. grano	1-05-02-05/1-05-02-06
001.643.BZ0	F-WBCCA-SE-14-FC2-B-Z Reg. piombata plastica	1-05-02-05/1-05-02-06
001.643.DH0	F-WBCCA-SE-14-FC2-D-H Reg. piombata	1-05-02-05/1-05-02-06
001.643.DK0	F-WBCCA-SE-14-FC2-D-K Reg. piombata plastica	1-05-02-05/1-05-02-06
001.643.DW0	F-WBCCA-SE-14-FC2-D-W Reg. piombata	1-05-02-05/1-05-02-06
001.643.DX0	F-WBCCA-SE-14-FC2-D-X Reg. grano	1-05-02-05/1-05-02-06
001.643.DY0	F-WBCCA-SE-14-FC2-D-Y Reg. grano	1-05-02-05/1-05-02-06
001.643.DZ0	F-WBCCA-SE-14-FC2-D-Z Reg. piombata plastica	1-05-02-05/1-05-02-06
001.644.0H0	F-WBCCA-SE-38-FC2-H Reg. piombata	1-05-02-05/1-05-02-06
001.644.0K0	F-WBCCA-SE-38-FC2-K Reg. piombata plastica	1-05-02-05/1-05-02-06
001.644.0W0	F-WBCCA-SE-38-FC2-W Reg. piombata	1-05-02-05/1-05-02-06
001.644.0X0	F-WBCCA-SE-38-FC2-X Reg. grano	1-05-02-05/1-05-02-06
001.644.0Y0	F-WBCCA-SE-38-FC2-Y Reg. grano	1-05-02-05/1-05-02-06
001.644.0Z0	F-WBCCA-SE-38-FC2-Z Reg. piombata plastica	1-05-02-05/1-05-02-06
001.644.BH0	F-WBCCA-SE-38-FC2-B-H Reg. piombata	1-05-02-05/1-05-02-06
001.644.BK0	F-WBCCA-SE-38-FC2-B-K Reg. piombata plastica	1-05-02-05/1-05-02-06

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001.644.BW0	F-WBCCA-SE-38-FC2-B-W Reg. piombata	1-05-02-05/1-05-02-06
001.644.BX0	F-WBCCA-SE-38-FC2-B-X Reg. grano	1-05-02-05/1-05-02-06
001.644.BY0	F-WBCCA-SE-38-FC2-B-Y Reg. grano	1-05-02-05/1-05-02-06
001.644.BZ0	F-WBCCA-SE-38-FC2-B-Z Reg. piombata plastica	1-05-02-05/1-05-02-06
001.644.DH0	F-WBCCA-SE-38-FC2-D-H Reg. piombata	1-05-02-05/1-05-02-06
001.644.DK0	F-WBCCA-SE-38-FC2-D-K Reg. piombata plastica	1-05-02-05/1-05-02-06
001.644.DW0	F-WBCCA-SE-38-FC2-D-W Reg. piombata	1-05-02-05/1-05-02-06
001.644.DX0	F-WBCCA-SE-38-FC2-D-X Reg. grano	1-05-02-05/1-05-02-06
001.644.DY0	F-WBCCA-SE-38-FC2-D-Y Reg. grano	1-05-02-05/1-05-02-06
001.644.DZ0	F-WBCCA-SE-38-FC2-D-Z Reg. piombata plastica	1-05-02-05/1-05-02-06
001.645.0H0	F-WBCCA-SE-12-FC2-H Reg. piombata	1-05-02-05/1-05-02-06
001.645.0K0	F-WBCCA-SE-12-FC2-K Reg. piombata plastica	1-05-02-05/1-05-02-06
001.645.0W0	F-WBCCA-SE-12-FC2-W Reg. piombata	1-05-02-05/1-05-02-06
001.645.0X0	F-WBCCA-SE-12-FC2-X Reg. grano	1-05-02-05/1-05-02-06
001.645.0Y0	F-WBCCA-SE-12-FC2-Y Reg. grano	1-05-02-05/1-05-02-06
001.645.0Z0	F-WBCCA-SE-12-FC2-Z Reg. piombata plastica	1-05-02-05/1-05-02-06
001.645.BH0	F-WBCCA-SE-12-FC2-B-H Reg. piombata	1-05-02-05/1-05-02-06
001.645.BK0	F-WBCCA-SE-12-FC2-B-K Reg. piombata plastica	1-05-02-05/1-05-02-06
001.645.BW0	F-WBCCA-SE-12-FC2-B-W Reg. piombata	1-05-02-05/1-05-02-06
001.645.BX0	F-WBCCA-SE-12-FC2-B-X Reg. grano	1-05-02-05/1-05-02-06
001.645.BY0	F-WBCCA-SE-12-FC2-B-Y Reg. grano	1-05-02-05/1-05-02-06
001.645.BZ0	F-WBCCA-SE-12-FC2-B-Z Reg. piombata plastica	1-05-02-05/1-05-02-06
001.645.DH0	F-WBCCA-SE-12-FC2-D-H Reg. piombata	1-05-02-05/1-05-02-06
001.645.DK0	F-WBCCA-SE-12-FC2-D-K Reg. piombata plastica	1-05-02-05/1-05-02-06
001.645.DW0	F-WBCCA-SE-12-FC2-D-W Reg. piombata	1-05-02-05/1-05-02-06
001.645.DX0	F-WBCCA-SE-12-FC2-D-X Reg. grano	1-05-02-05/1-05-02-06
001.645.DY0	F-WBCCA-SE-12-FC2-D-Y Reg. grano	1-05-02-05/1-05-02-06
001.645.DZ0	F-WBCCA-SE-12-FC2-D-Z Reg. piombata plastica	1-05-02-05/1-05-02-06
001.648.0H0	WB-SE-38-L-FC2-H Reg. piombata	1-05-02-07/1-05-02-08
001.648.0K0	WB-SE-38-L-FC2-K Reg. piombata plastica	1-05-02-07/1-05-02-08
001.648.0X0	WB-SE-38-L-FC2-X Reg. grano (vecchio codice: 001.648.000)	1-05-02-07/1-05-02-08
001.648.0Z0	WB-SE-38-L-FC2-Z Reg. fissa	1-05-02-07/1-05-02-08

codice	descrizione	pagine

codice	descrizione	pagine

codice	descrizione	pagine

codice	descrizione	pagine

codice	descrizione	pagine

codice	descrizione	pagine

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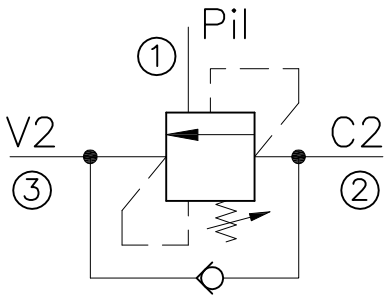
codice	descrizione	pagine

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A CARTUCCIA. SERIE "OWC"

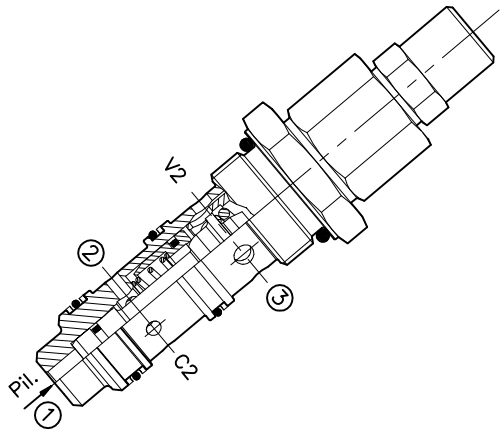
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–40–....

SCHEMA DI FUNZIONAMENTO

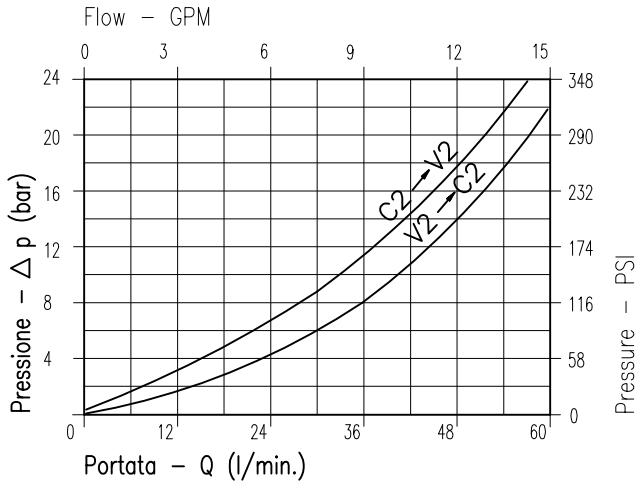


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	4 / 8
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	116–128
Peso *Weight*	Kg	0.300



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

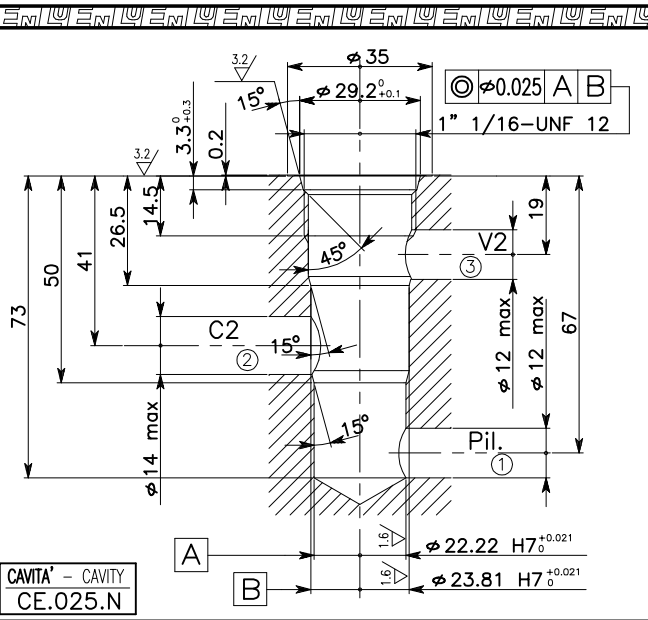
NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$
Max working pressure



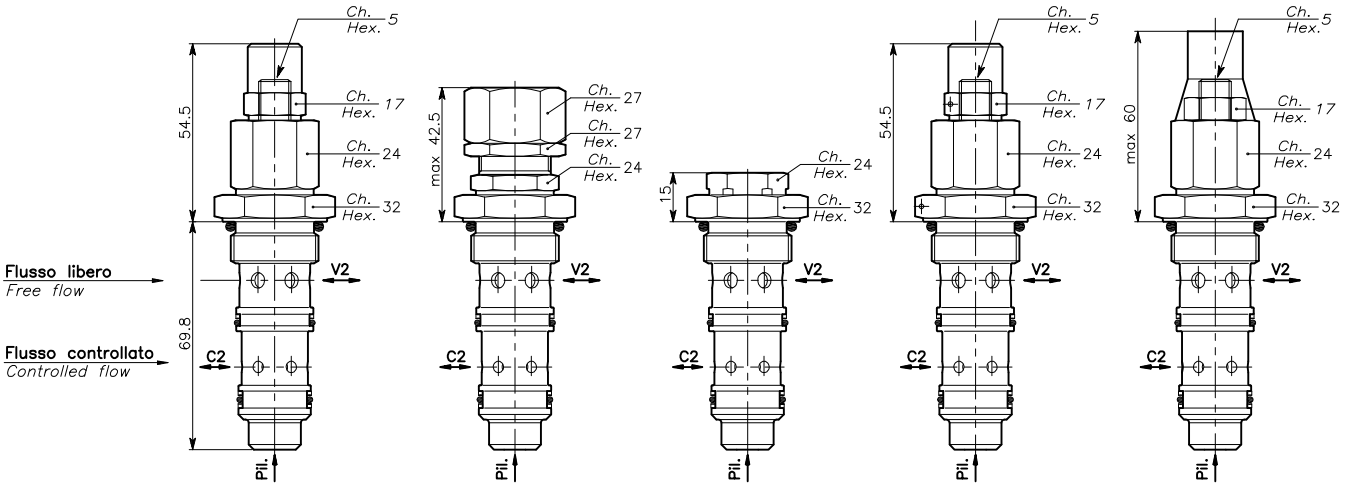
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC–40–....

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X)	Tappo *Plug* (Y)	Taratura fissa *Fixed setting* (Z)	Piombata *Sealed* (H)	Piombata *Sealed* (K)



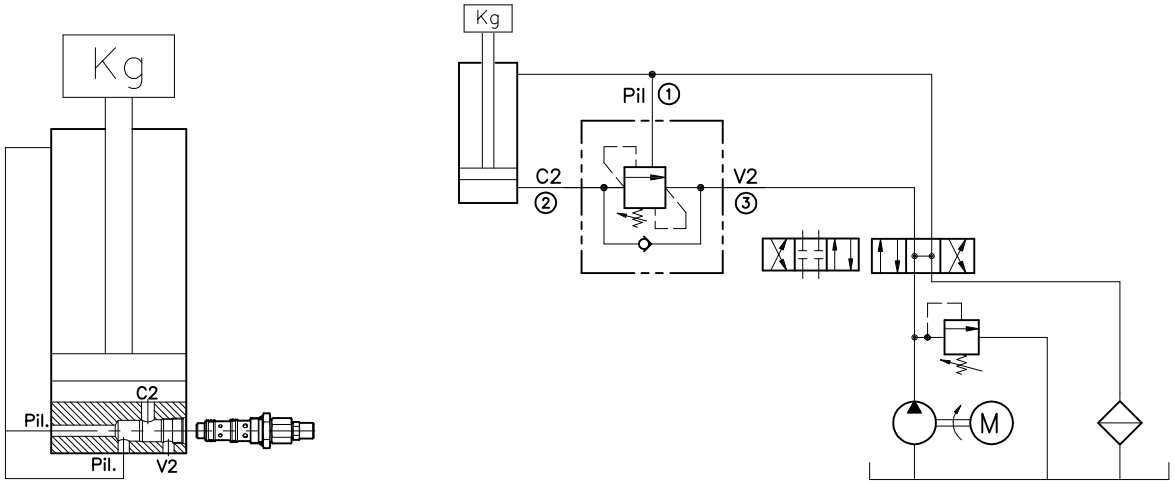
SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*	
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*
	210 bar	(56)	350 bar	(138)
OWC–40–*	046		001	

Regolazione * *Adjustment*	
Grano *Dowel*	X
Tappo *Plug*	Y
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

0	0	1			0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

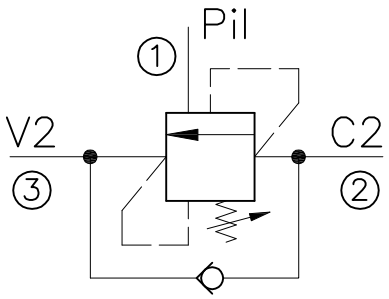


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A CARTUCCIA. SERIE "OWC"

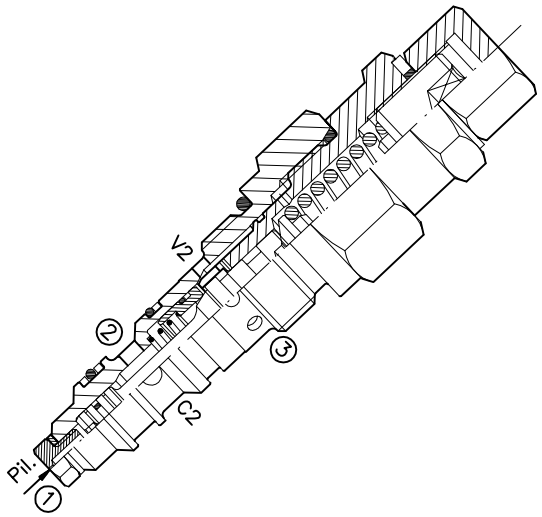
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–30–....

SCHEMA DI FUNZIONAMENTO

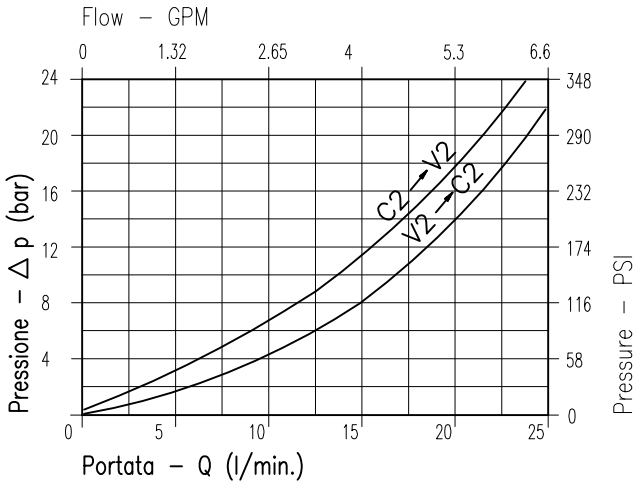


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	3 / 6
Portata min/max *Min/max flow–rate*	l/min–GPM	1/25 – 0.15/6.6
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	76–82
Peso *Weight*	Kg	0.300



Viscosita' olio 4°E a 50°C
Oil viscosity 46 cSt at 50 °C

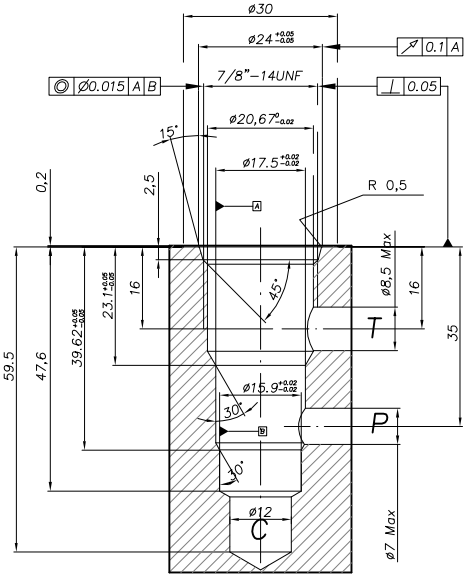
NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$



CAVITA' – CAVITY
CE.120.N

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

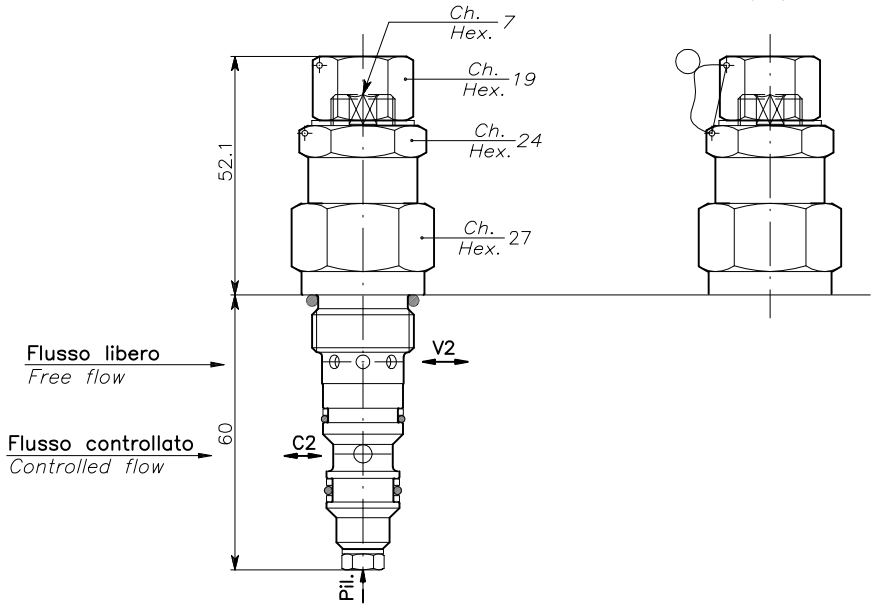
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–30–....

REGOLAZIONE / *ADJUSTMENT*

Grano / *Dowel* (X)

Piombata / *Sealed* (H)



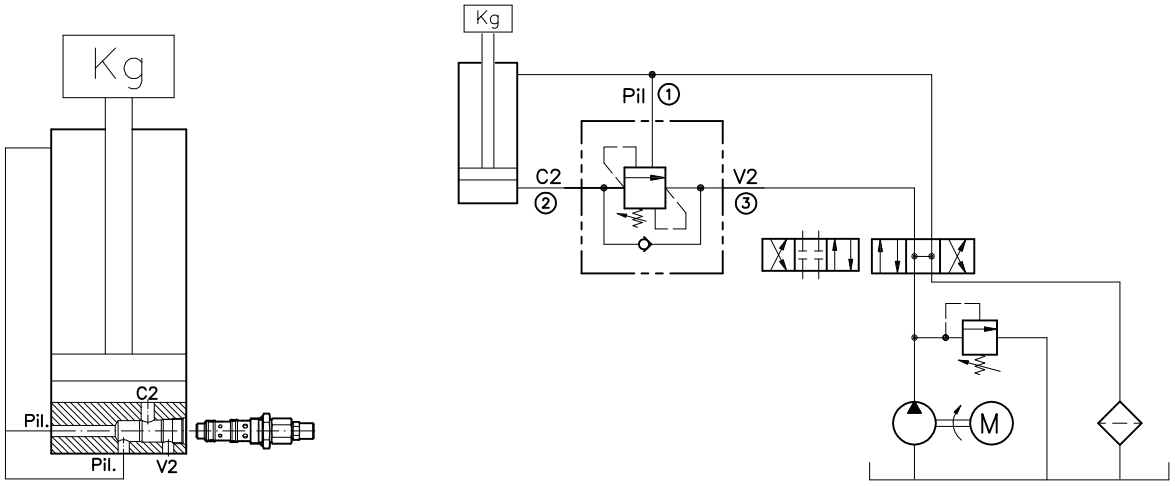
SIGLA VALVOLA / *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*	
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*
	210 bar	(56)	350 bar	(138)
OWC–30–✱	620		635	

Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Piombata *Sealed*	H

0	0	1			0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

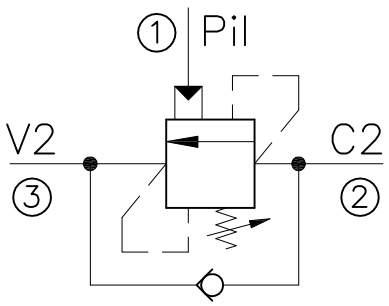


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A CARTUCCIA. A PILOTAGGI VARIABILI SERIE "WBC"

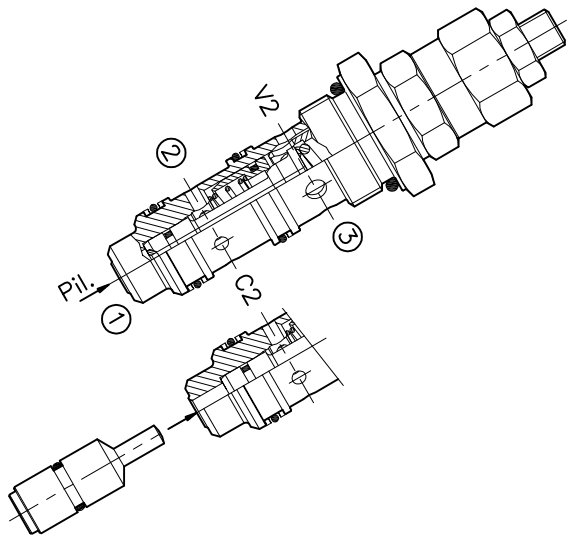
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WBC–40–...–...

SCHEMA DI FUNZIONAMENTO

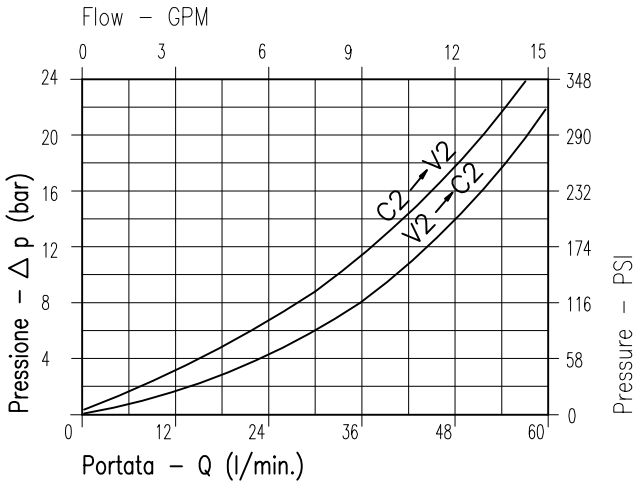


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	4 / 8
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		Vedi Pag.02
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	116–128
Peso *Weight*	Kg	0.300



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

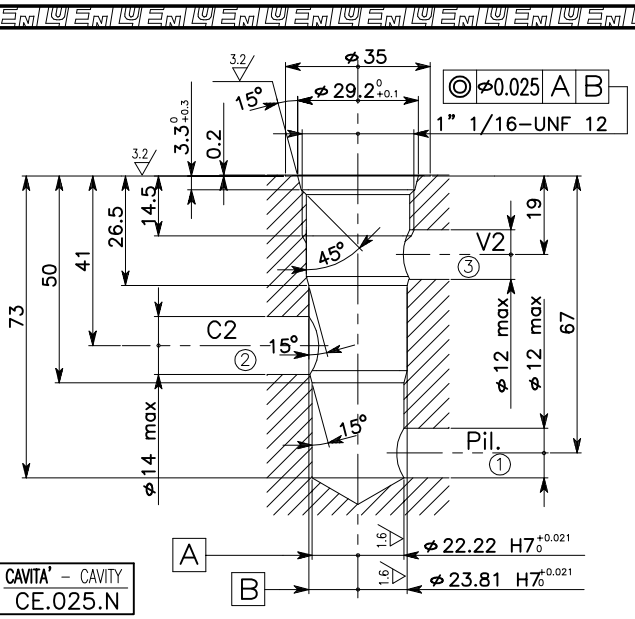
NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$



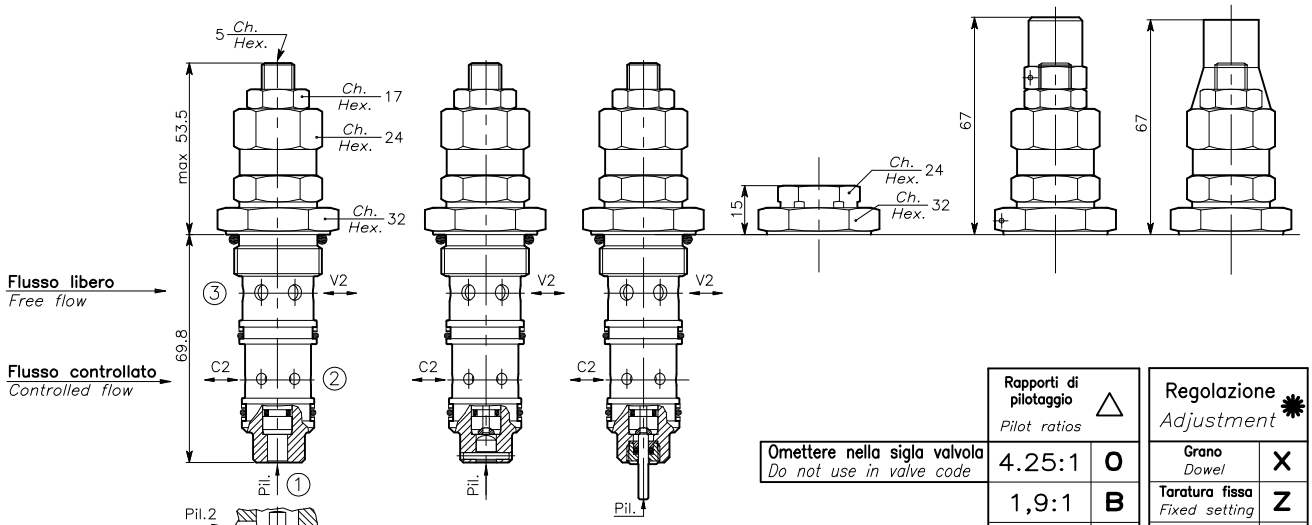
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WBC–40–...–...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X)	Taratura fissa *Fixed setting* (Z)	Piombata *Sealed* (H)	Piombata *Sealed* (K)



Rapporti di pilotaggio / *Pilot ratios*: 4.25:1 (O) — 1.9:1 (B) — 1:2.1 (C)

Rapporti di pilotaggio △ *Pilot ratios*		Omettere nella sigla valvola *Do not use in valve code*
4.25:1	O	
1,9:1	B	
1:2.1	C	

Regolazione ✸ *Adjustment*	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

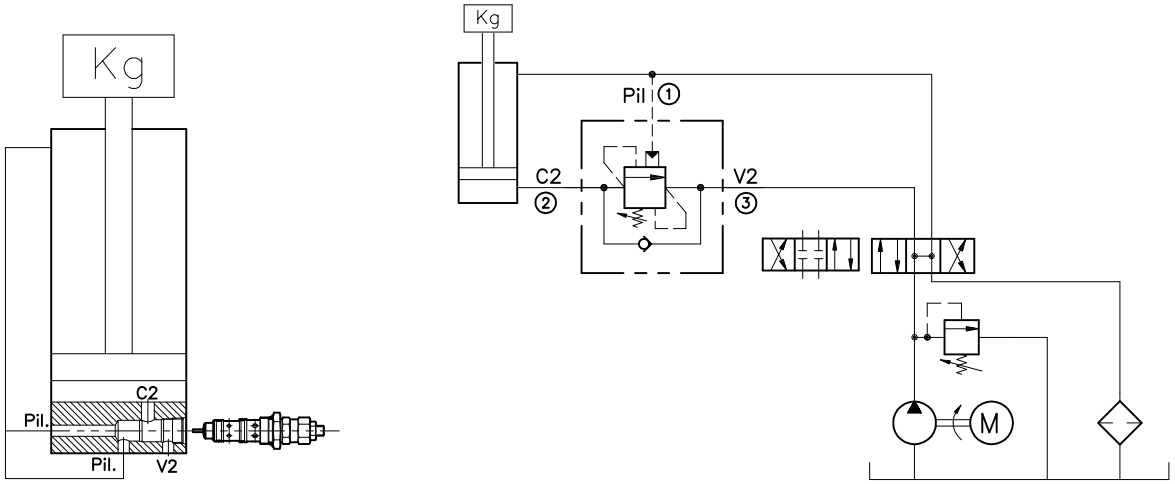
SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*	
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*
	210 bar	(56)	350 bar	(138)
WBC–40–△–✸	235		234	

0	0	1				0

CODICE ORDINAZIONE / *ORDERING CODE*

ESEMPIO TIPICO DI CIRCUITO

TYPICAL CIRCUIT EXAMPLE

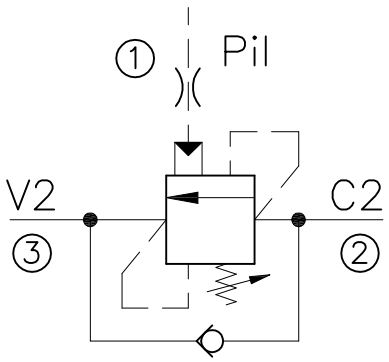


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A CARTUCCIA. SERIE "WBC"

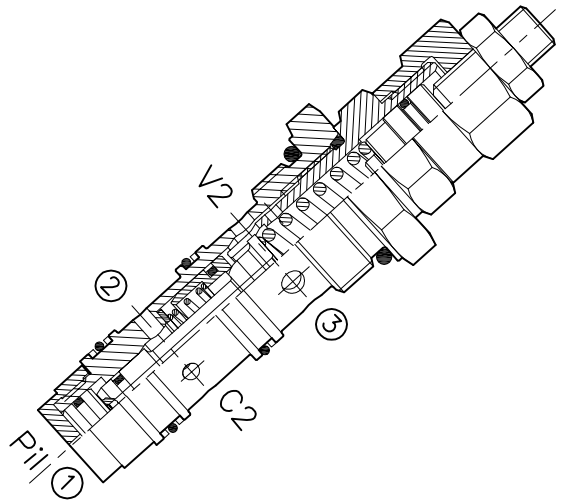
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WBC–40–RPV 9–...

SCHEMA DI FUNZIONAMENTO

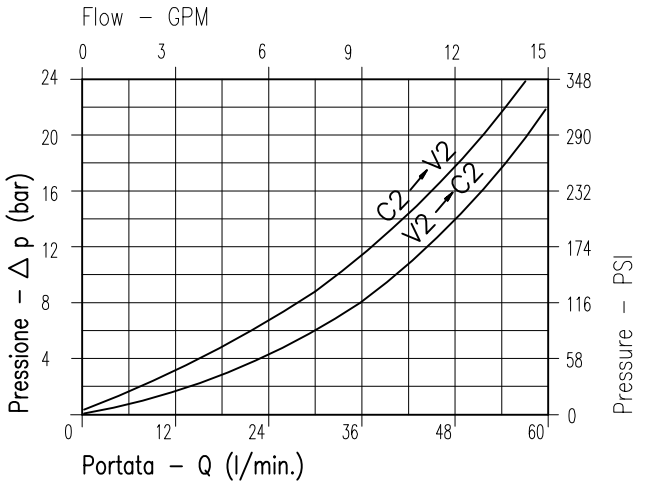


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	4 / 8
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		9 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	116–128
Peso *Weight*	Kg	0.300



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

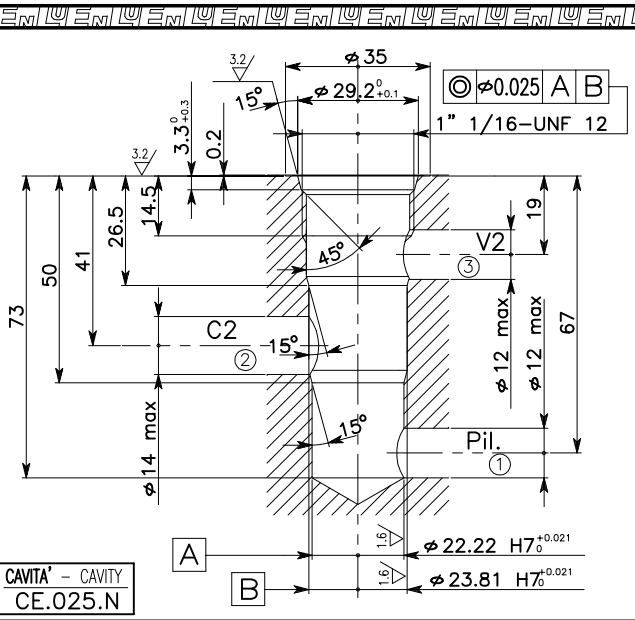
NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$
Max working pressure

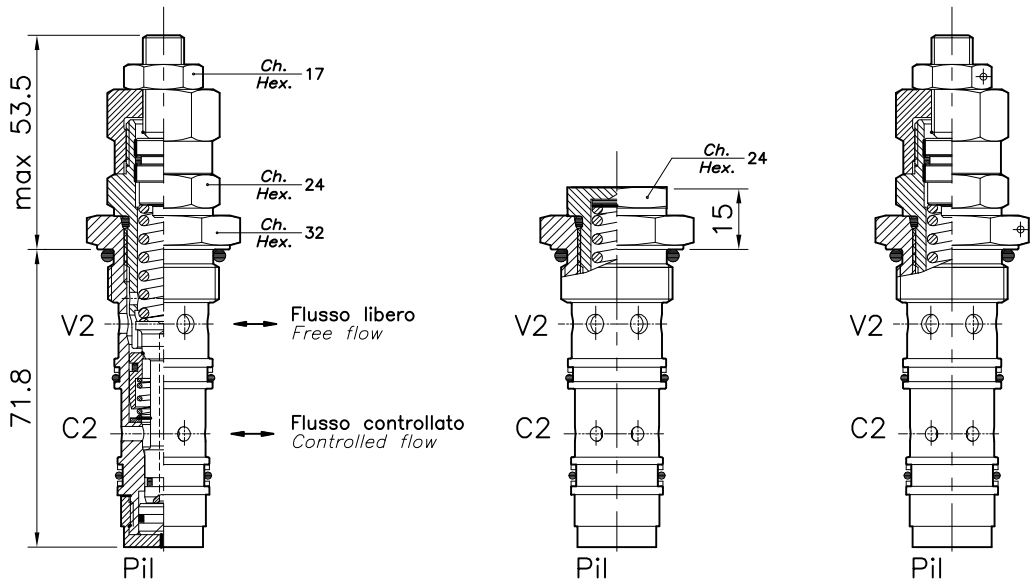


SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WBC–40–RPV 9–...

REGOLAZIONE *ADJUSTMENT* → Grano *Dowel* (X) | Taratura fissa *Fixed setting* (Z) | Piombata *Sealed* (H)



SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*	
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*
	210 bar	(56)	350 bar	(138)
WBC–40–RPV 9–✱			013	

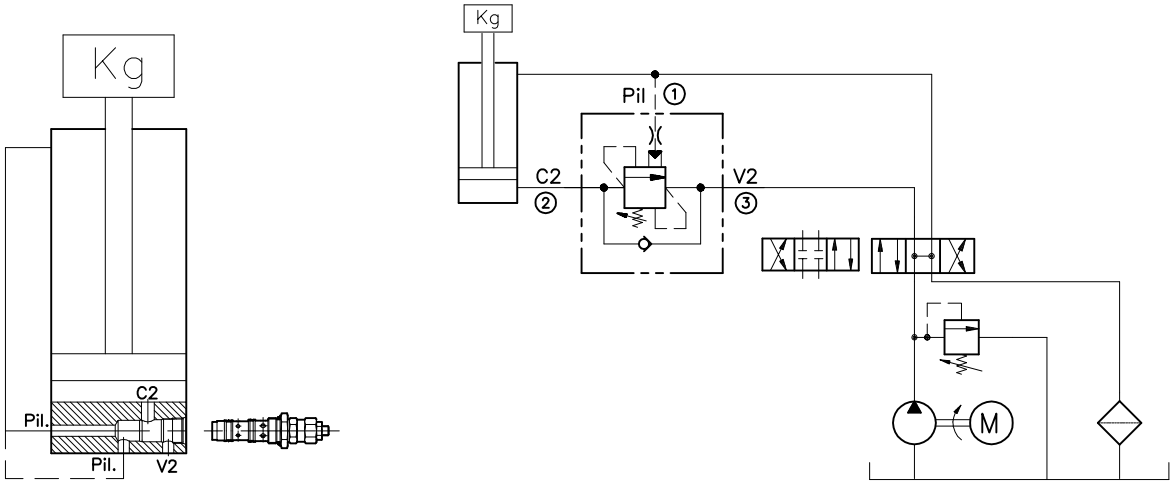
Regolazione ✱ *Adjustment*	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H

0	0	1			0	0

CODICE ORDINAZIONE *ORDERING CODE*

ESEMPIO TIPICO DI CIRCUITO

TYPICAL CIRCUIT EXAMPLE

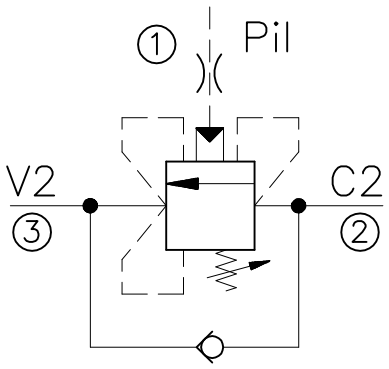


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A CARTUCCIA. SERIE "WBC–CC"

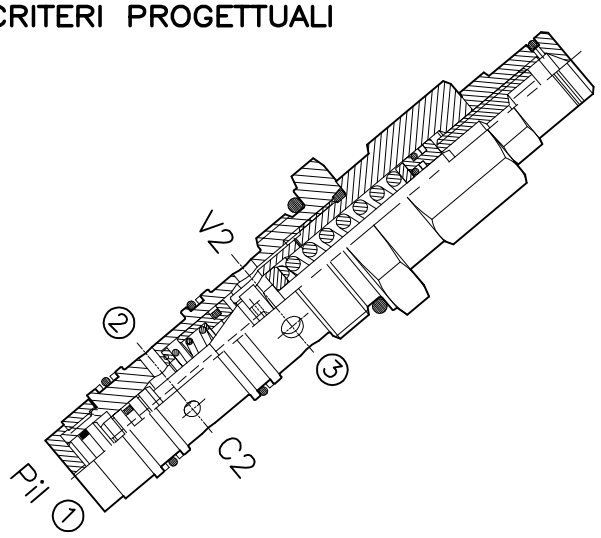
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WBC–40–CC–RPV 9–...

SCHEMA DI FUNZIONAMENTO

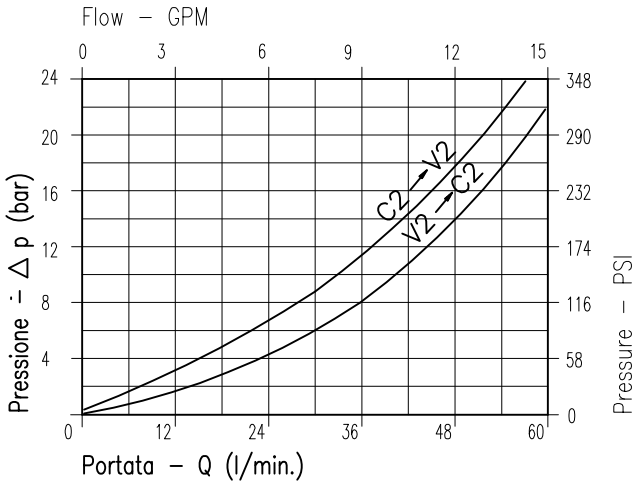


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	4 / 8
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		9 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	116–128
Peso *Weight*	Kg	0.300



Viscosita' olio 4°E a 50°C
Oil viscosity 46 cSt at 50 °C

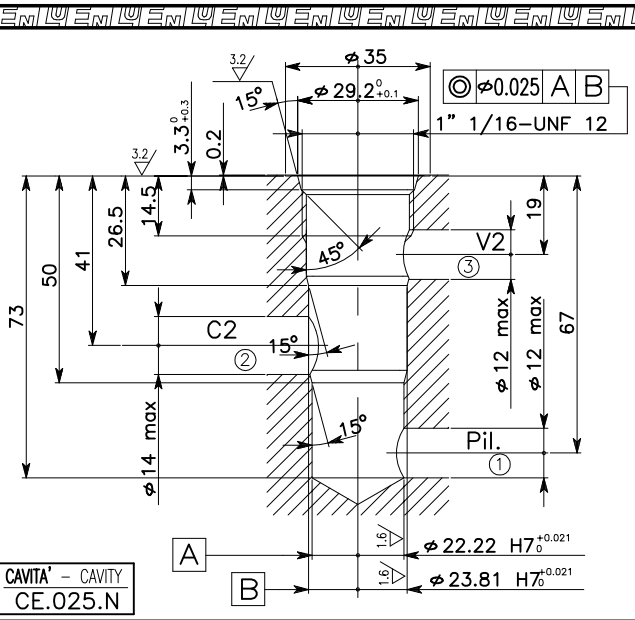
NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$
Max working pressure

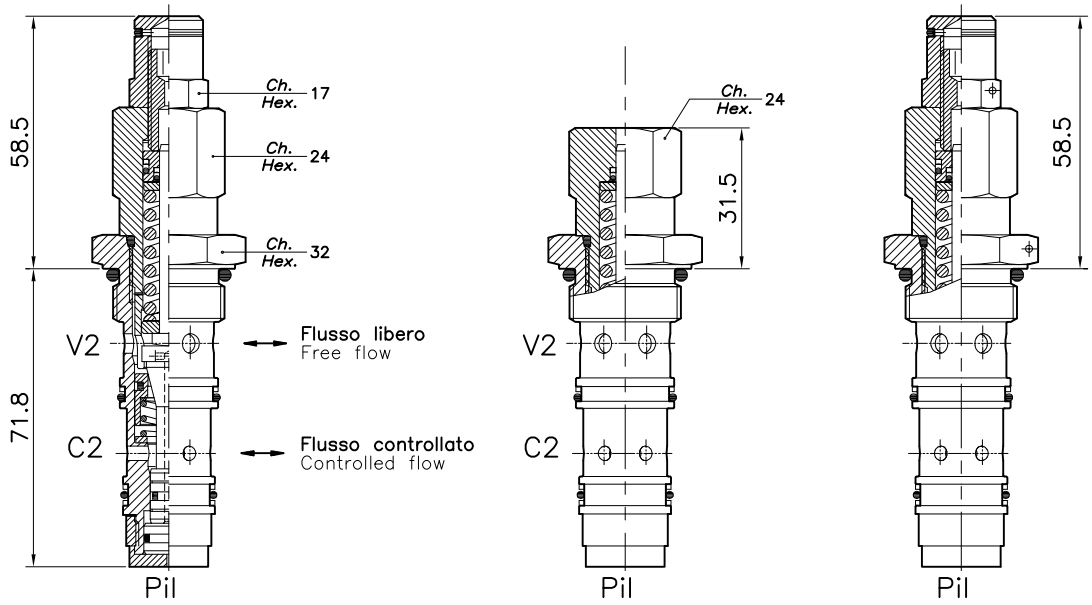


SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WBC–40–CC–RPV 9–...

REGOLAZIONE / *ADJUSTMENT* → Grano *Dowel* (X) | Taratura fissa *Fixed setting* (Z) | Piombata *Sealed* (H)



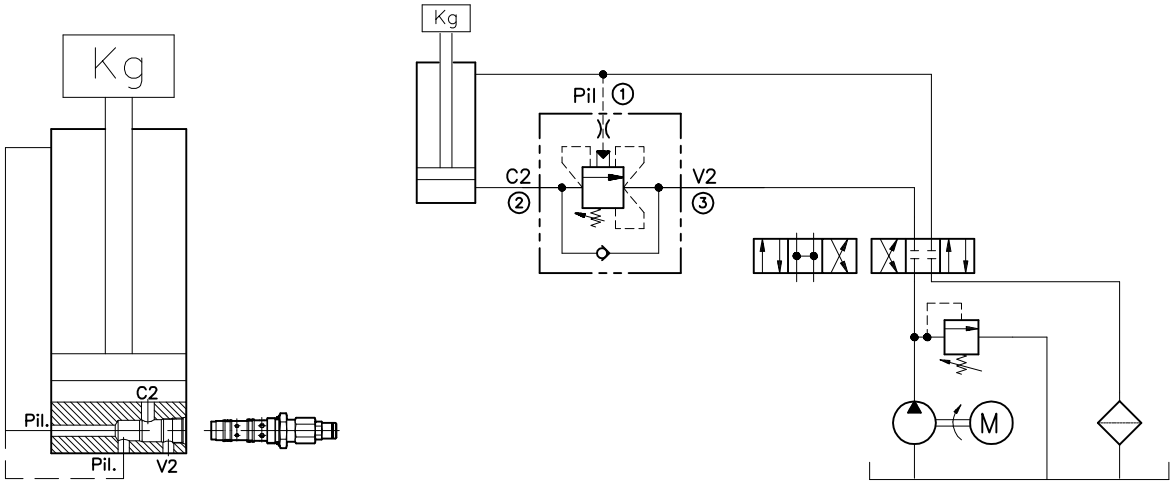
SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*	
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*
	210 bar	(56)	350 bar	(138)
WBC/40–CC–RPV 9–✱			011	

Regolazione ✱ *Adjustment*	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H

0	0	1			0	0

CODICE ORDINAZIONE *ORDERING CODE*

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

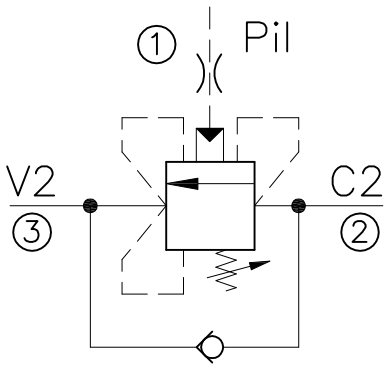


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A CARTUCCIA. SERIE "OWC–30–CC"

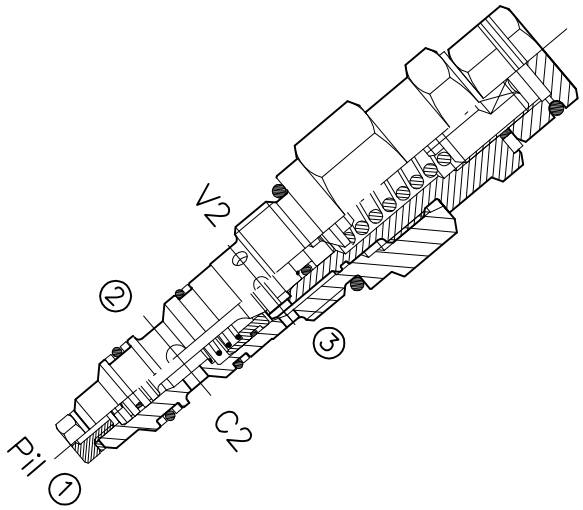
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–30–CC–...

SCHEMA DI FUNZIONAMENTO

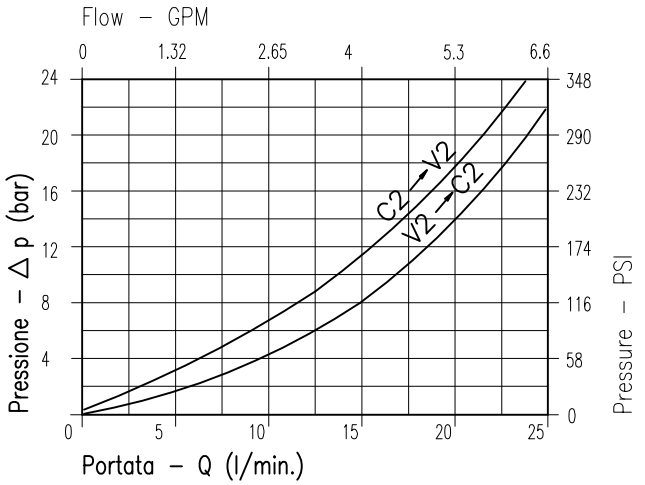


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	3 / 6
Portata min/max *Min/max flow–rate*	l/min–GPM	1/25 – 0.15/6.6
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	76–82
Peso *Weight*	Kg	0.300



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

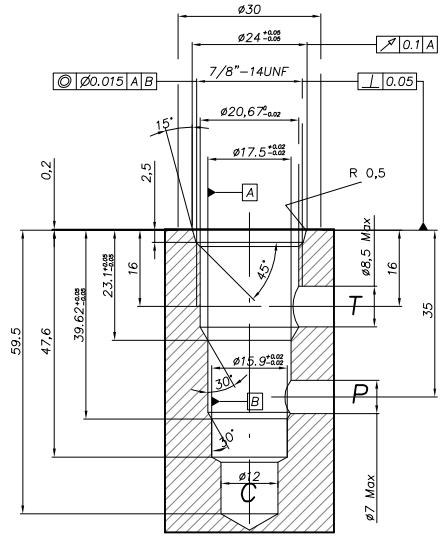
NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

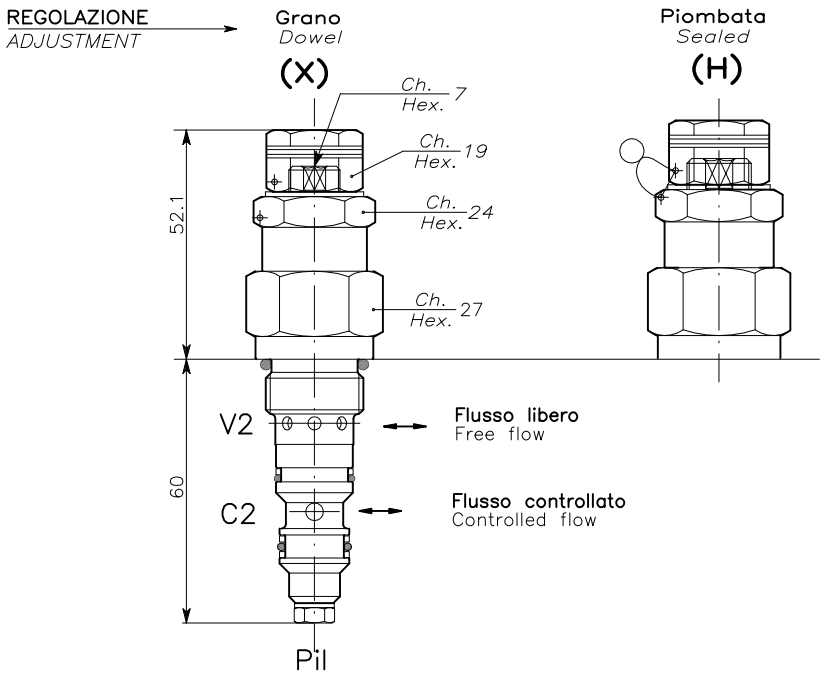


CAVITA' – CAVITY
CE.120.N

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–30–CC–...



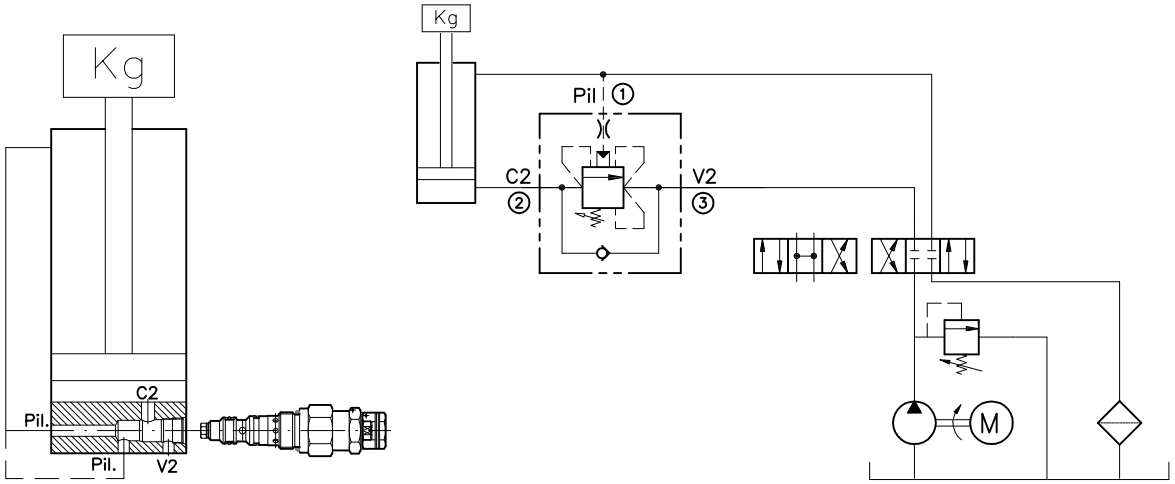
SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*	
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*
	210 bar	(56)	350 bar	(138)
OWC–30–CC–✱	621		636	

Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Piombata *Sealed*	H

0	0	1			0		0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

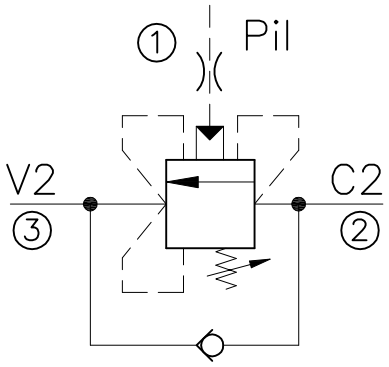


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A CARTUCCIA. SERIE "WBC–CC"

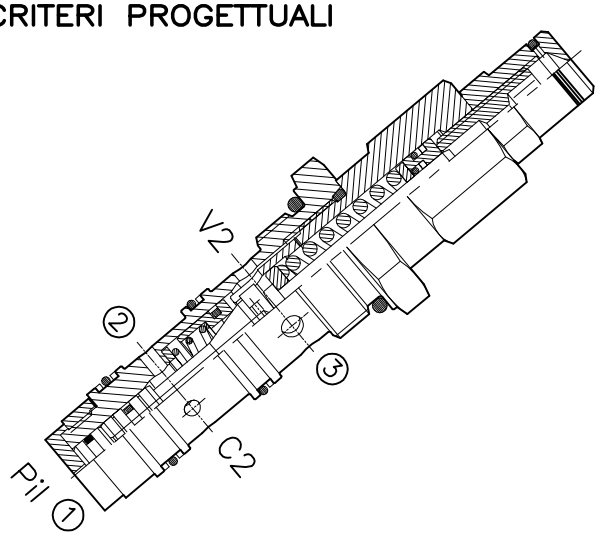
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WBC–40–CC–X

SCHEMA DI FUNZIONAMENTO

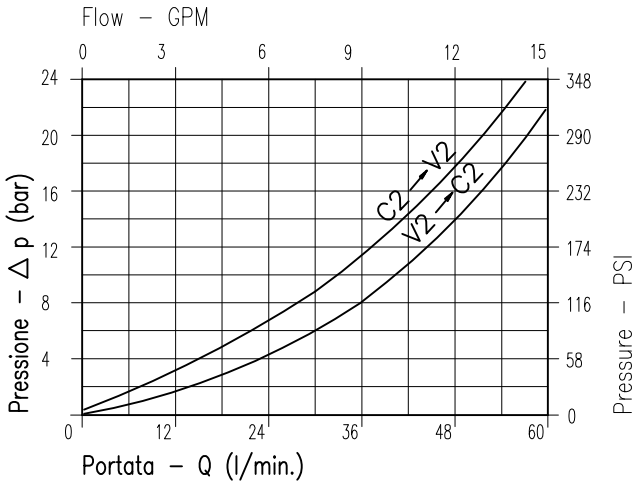


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	4 / 8
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	116–128
Peso *Weight*	Kg	0.300



Viscosita' olio 46 cSt a 50 C°
Oil viscosity 46 cSt at 50 C°

NOTE:

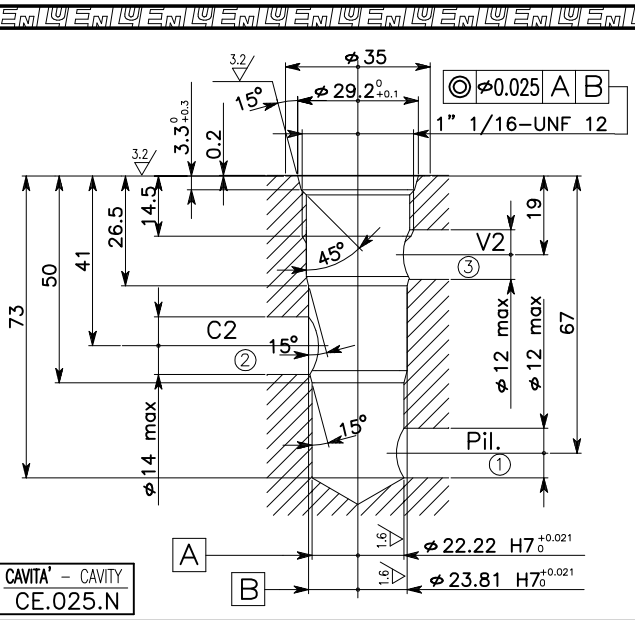
La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Max working pressure

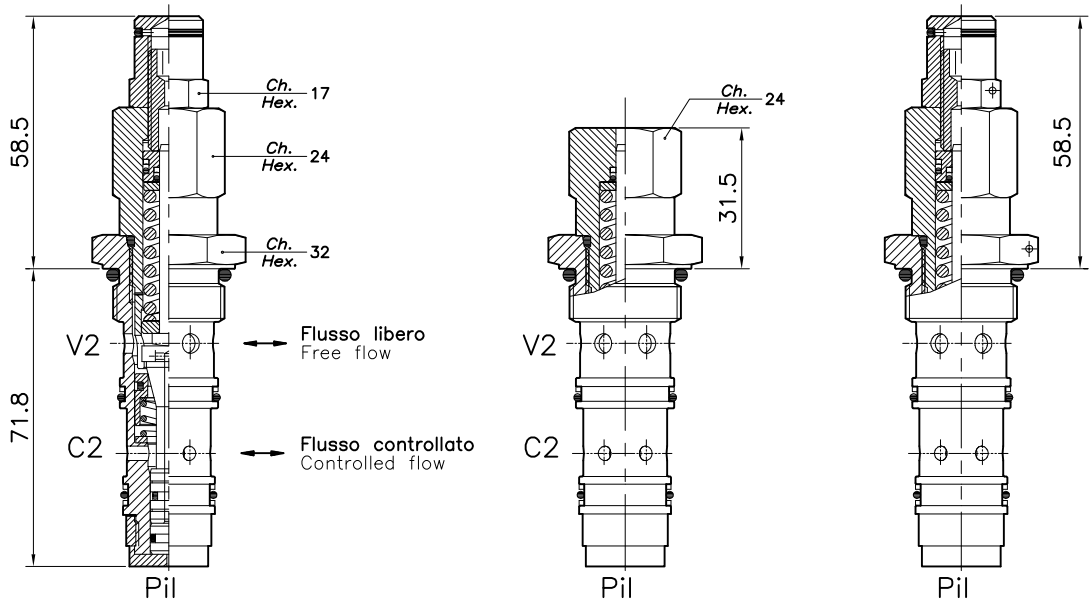


SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WBC–40–CC–...

REGOLAZIONE / *ADJUSTMENT* → Grano *Dowel* (X) | Taratura fissa *Fixed setting* (Z) | Piombata *Sealed* (H)



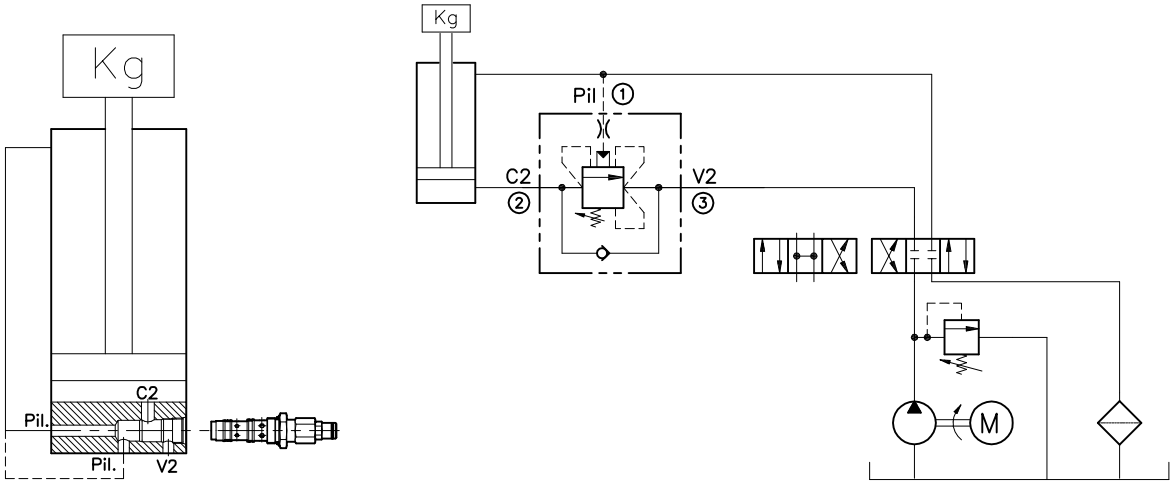
SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*	
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*
	210 bar	(56)	350 bar	(138)
WBC–40–CC–✱			498	

Regolazione ✱ *Adjustment*	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H

0	0	1			0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

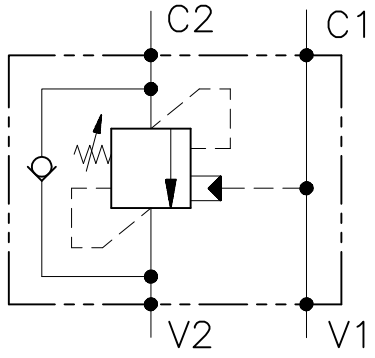


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A CARTUCCIA, A PILOTAGGI VARIABILI, CON COLLETTORE IN LINEA. SERIE "WBC"

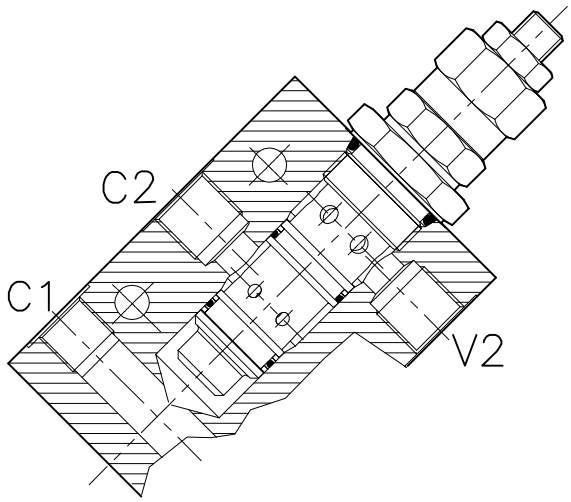
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WBC–C–SE–...L–...–...

SCHEMA DI FUNZIONAMENTO

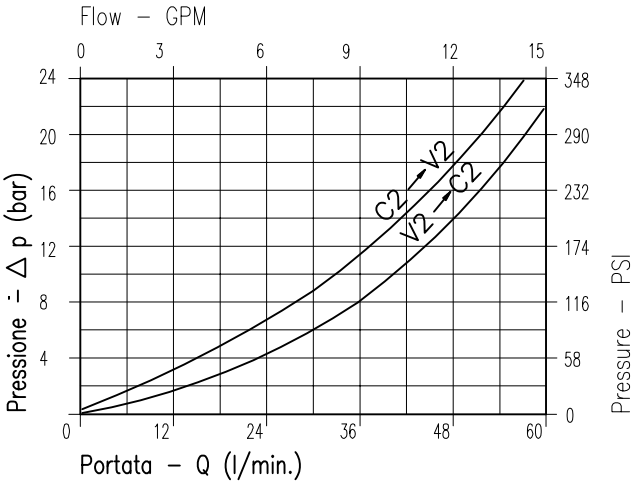


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	4 / 8
Portata min/max *Min/max flow-rate*	l/min-GPM	1/60 - 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		Vedi Pag. 02
Temperatura ambiente *Room temperature*	°C	-30 +50
Temperatura olio *Oil temperature*	°C	-30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

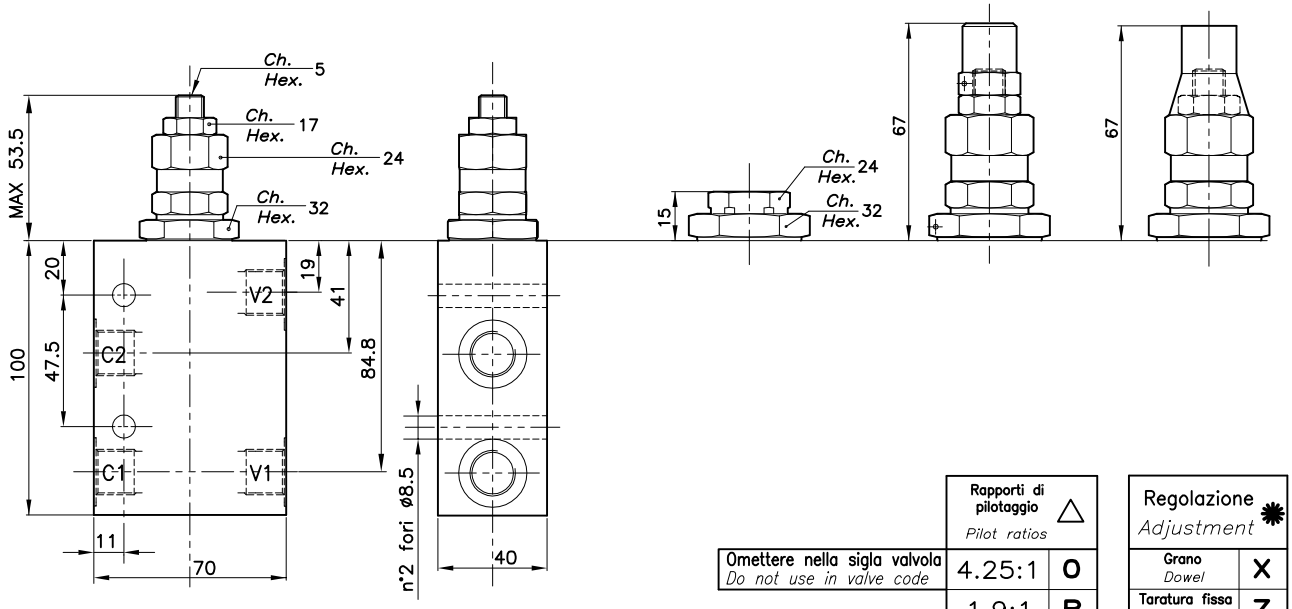
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WBC–C–SE–...L–...–...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X)	Taratura fissa *Fixed setting* (Z)	Piombata *Sealed* (H)	Piombata *Sealed* (K)



Rapporti di pilotaggio *Pilot ratios* △	
4.25:1	**O**
1,9:1	**B**
1:2.1	**C**

Omettere nella sigla valvola / Do not use in valve code

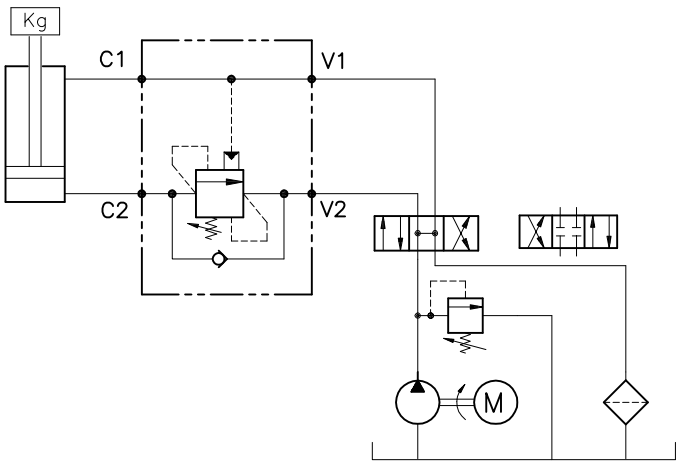
Regolazione *Adjustment* ✸	
Grano *Dowel*	**X**
Taratura fissa *Fixed setting*	**Z**
Piombata *Sealed*	**H**
Piombata *Sealed*	**K**

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 210 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)			
WBC–C–SE–14–L–△–✸					1/4"	6	20–*5*
WBC–C–SE–38–L–△–✸	281		280		3/8"	8	40–*10*
WBC–C–SE–12–L–△–✸	283		282		1/2"	10	60–*15*

0	0	1				0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

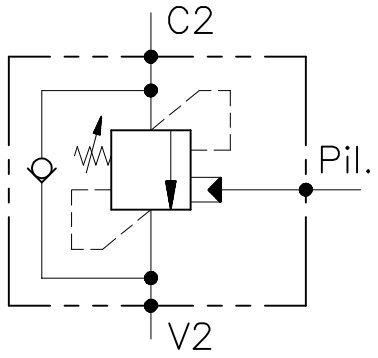


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A CARTUCCIA, A PILOTAGGI VARIABILI, CON COLLETTORE IN DERIVAZIONE. SERIE "WBC"

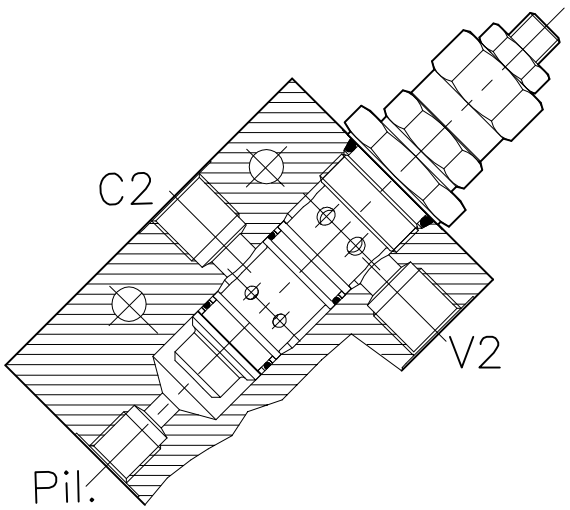
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WBC–C–SE–...–14–...–...

SCHEMA DI FUNZIONAMENTO

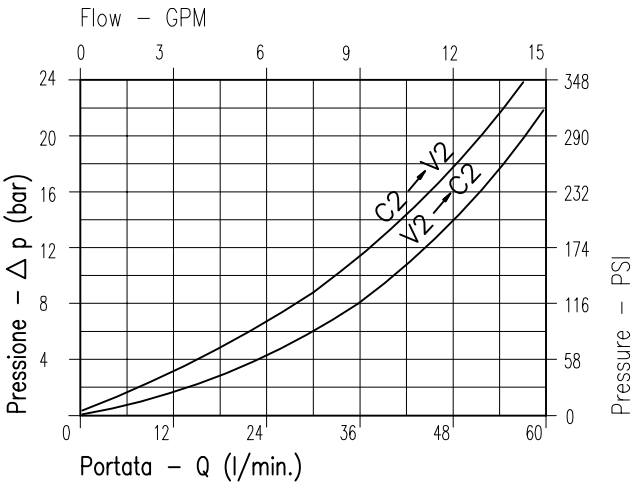


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	4 / 8
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		Vedi Pag.02
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.



Viscosita' olio 46cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

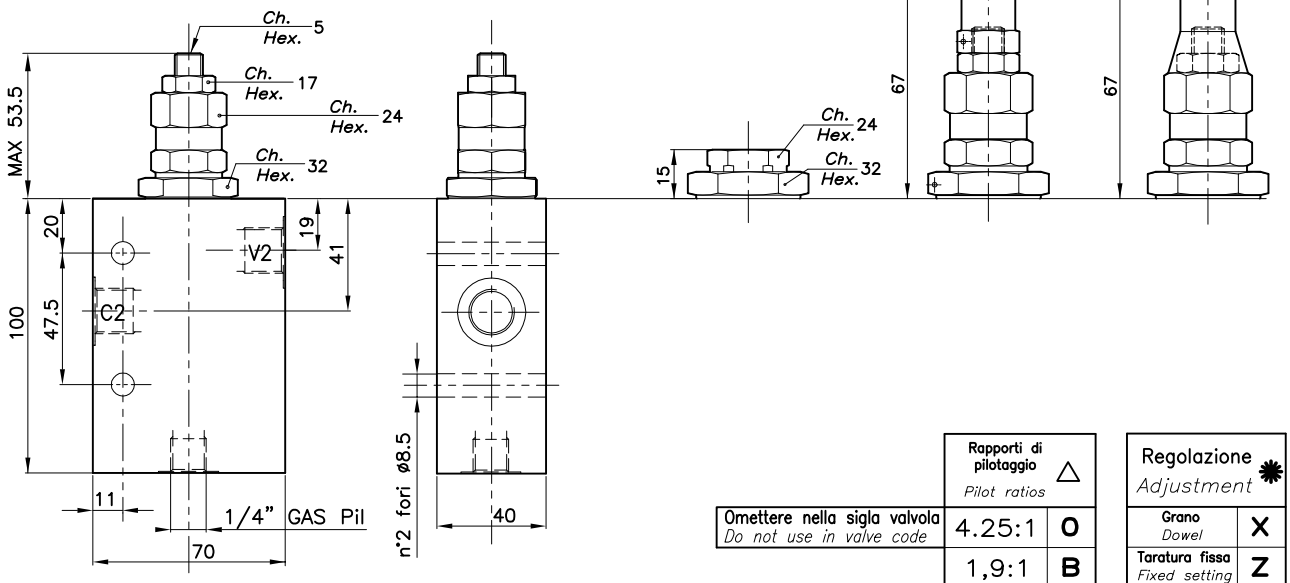
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WBC–C–SE–...–14–...–...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X)	Taratura fissa *Fixed setting* (Z)	Piombata *Sealed* (H)	Piombata *Sealed* (K)



Omettere nella sigla valvola *Do not use in valve code*	Rapporti di pilotaggio △ *Pilot ratios*	
	4.25:1	0
	1,9:1	B
	1:2.1	C

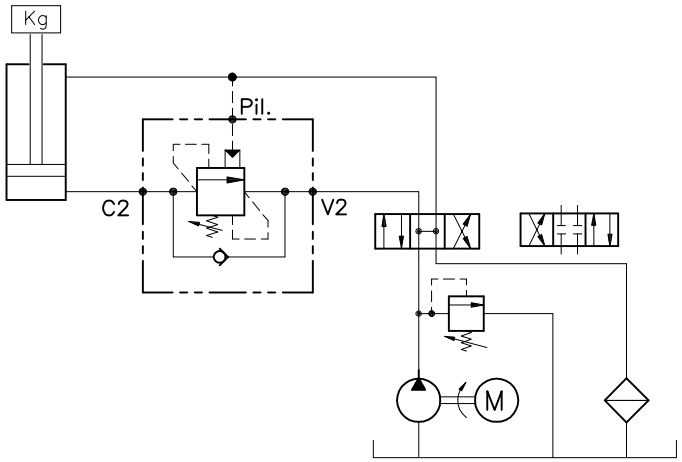
Regolazione ✸ *Adjustment*	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi *Port size* V2–C2 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 210 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)			
WBC–C–SE–14–14– △ –✸					1/4"	6	20–*5*
WBC–C–SE–38–14– △ –✸	245		244		3/8"	8	40–*10*
WBC–C–SE–12–14– △ –✸	247		246		1/2"	10	60–*15*

0	0	1				0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

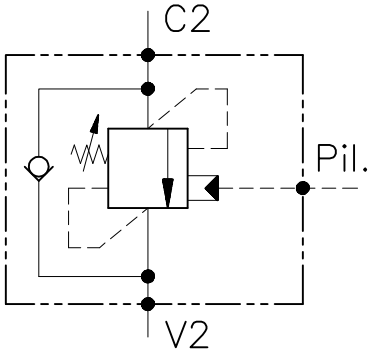


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A CARTUCCIA, A PILOTAGGI VARIABILI, CON COLLETTORE IN DERIVAZIONE. SERIE "WBC"

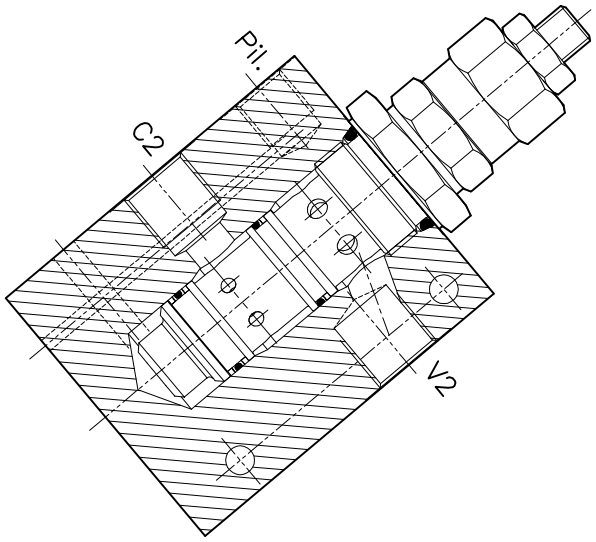
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WBC–C–SE–38–14–PA–...–...

SCHEMA DI FUNZIONAMENTO

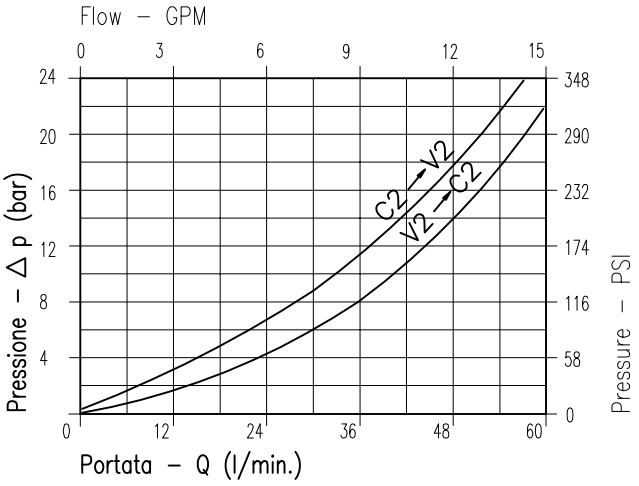


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		Vedi Pag.04
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

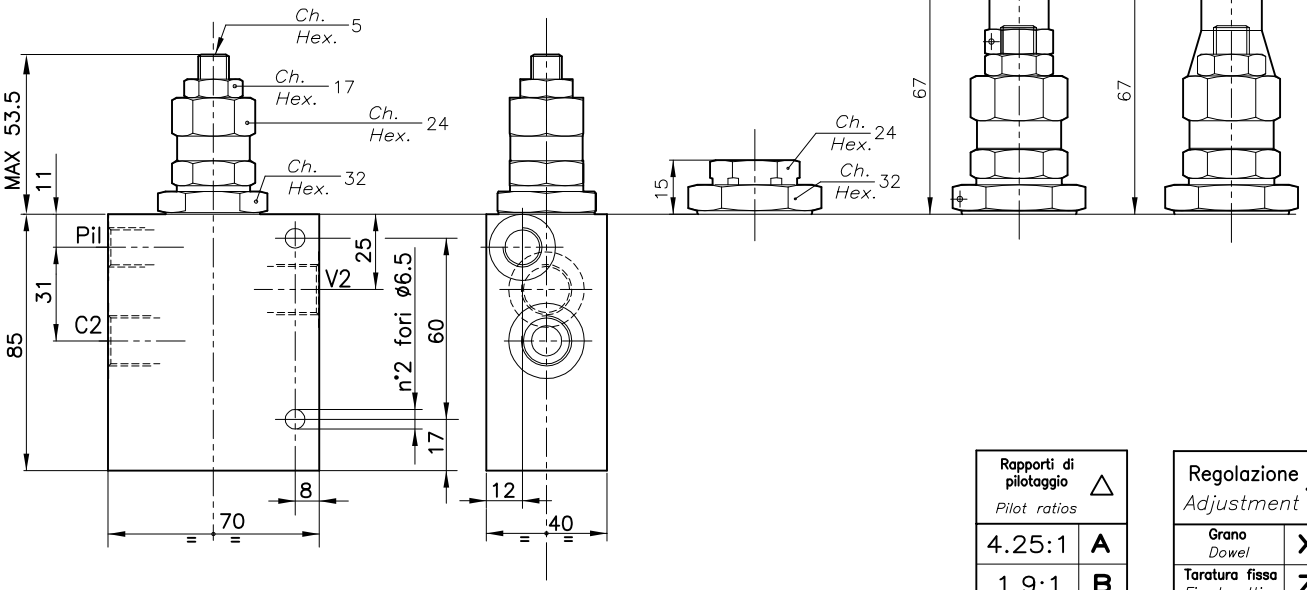
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WBC-C-SE-38-14-PA-...-...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X)	Taratura fissa *Fixed setting* (Z)	Piombata *Sealed* (H)	Piombata *Sealed* (K)



Rapporti di pilotaggio *Pilot ratios* △	
4.25:1	A
1,9:1	B
1:2.1	C

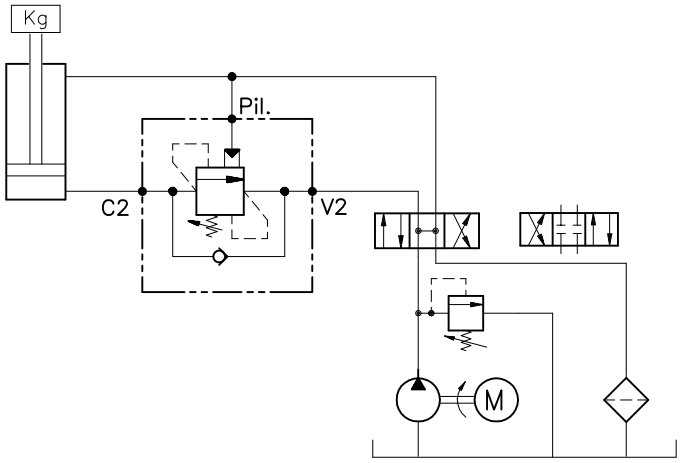
Regolazione *Adjustment* ✸	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi *Port size*	Attacchi *Port size*	Luce nominale	Portata max
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	V2-C2	Pil.	*Rated size*	*Max flow-rate*
	210 bar	(56)	350 bar	(138)	GAS *(BSPP)*	GAS *(BSPP)*	DN	l/min- *GPM*
WBC-C-SE-38-14-PA-△-✸					3/8"	1/4"	10	60-*15*

~~0 1 0 272 1 0 1~~

0 0 1			0
CODICE ORDINAZIONE *ORDERING CODE*			

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

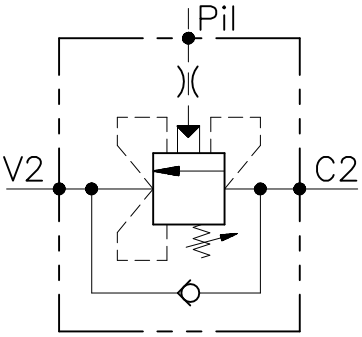


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A CARTUCCIA, CON COLLETTORE IN DERIVAZIONE. SERIE "WBC–CC"

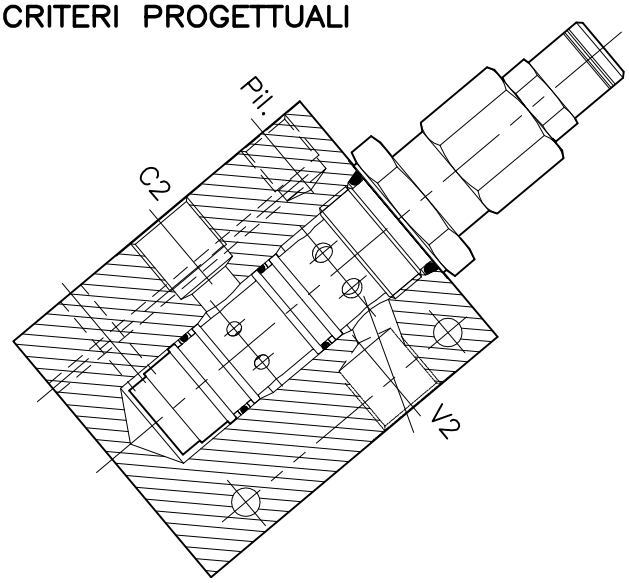
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WBC–C–SE–CC–38–14–PA–...–...

SCHEMA DI FUNZIONAMENTO

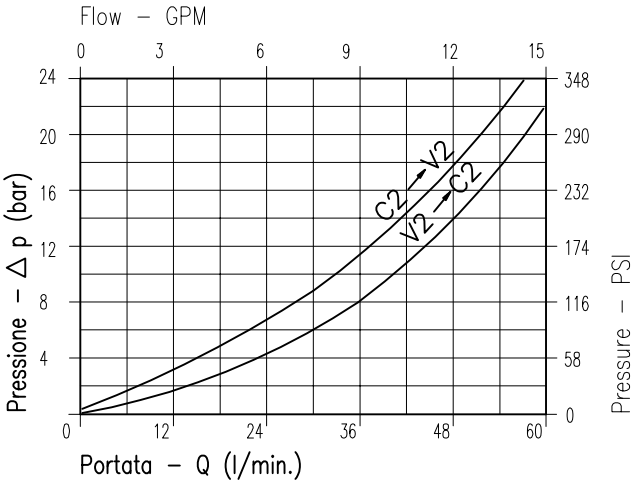


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		Vedi Pag.02
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

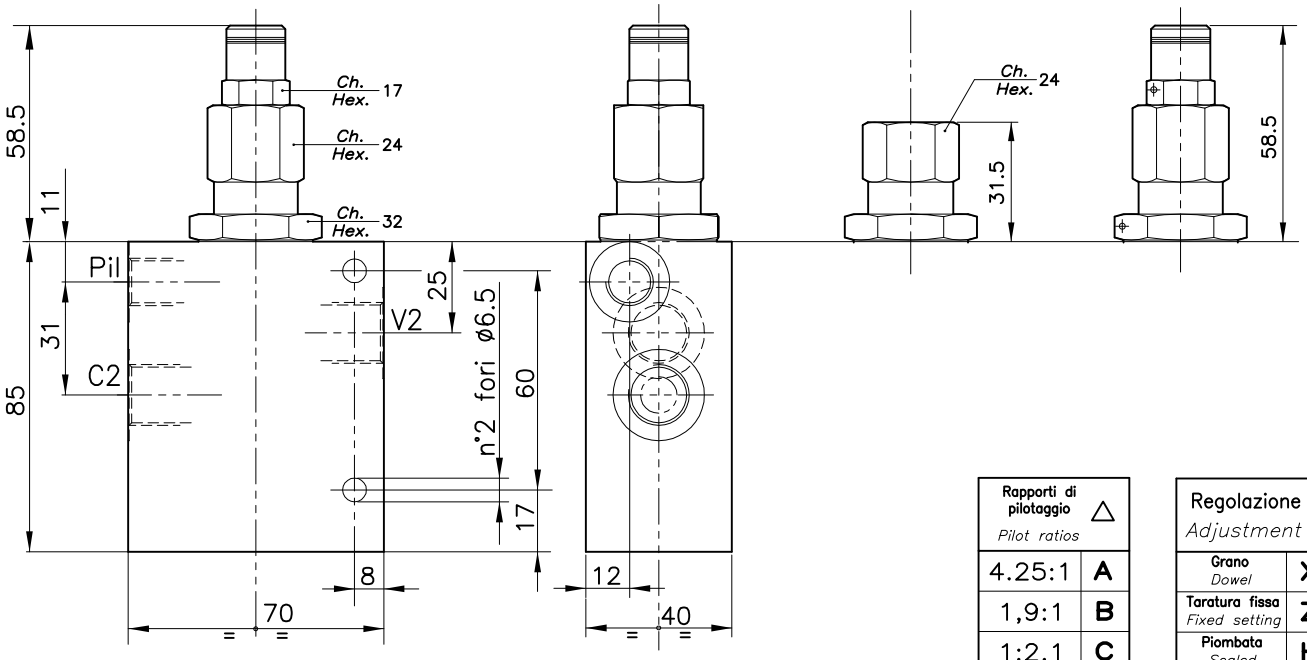
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WBC-C-SE-CC-38-14-PA-...-...

REGOLAZIONE *ADJUSTMENT*

Grano *Dowel* (X) | Taratura fissa *Fixed setting* (Z) | Piombata *Sealed* (H)



Rapporti di pilotaggio △ *Pilot ratios*	
4.25:1	A
1,9:1	B
1:2.1	C

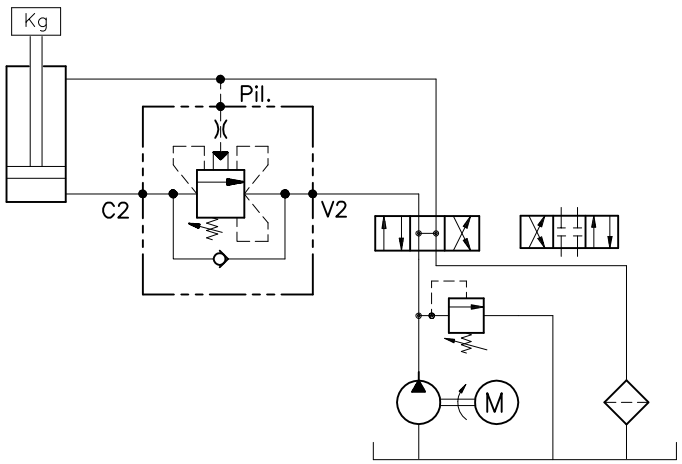
Regolazione ✱ *Adjustment*	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi *Port size* V2–C2 GAS *(BSPP)*	Attacchi *Port size* Pil. GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*				
WBC-C-SE-CC-38-14-PA-△-✱	210 bar	(56)	350 bar	(138)	3/8"	1/4"	10	60–*15*

~~0 1 0 272 1 0 2~~

0 0 1			0
CODICE ORDINAZIONE *ORDERING CODE*			

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

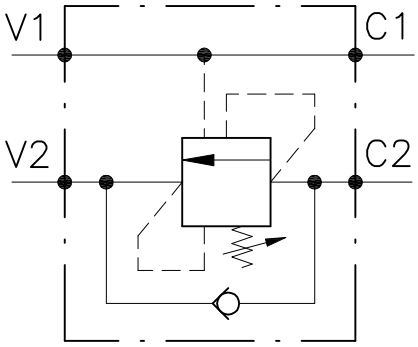


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, CON COLLETTORE IN LINEA. "SERIE OWC"

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–SE–...–L–...

SCHEMA DI FUNZIONAMENTO



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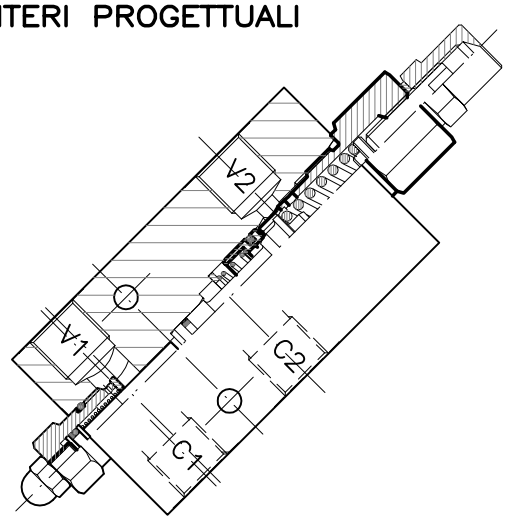
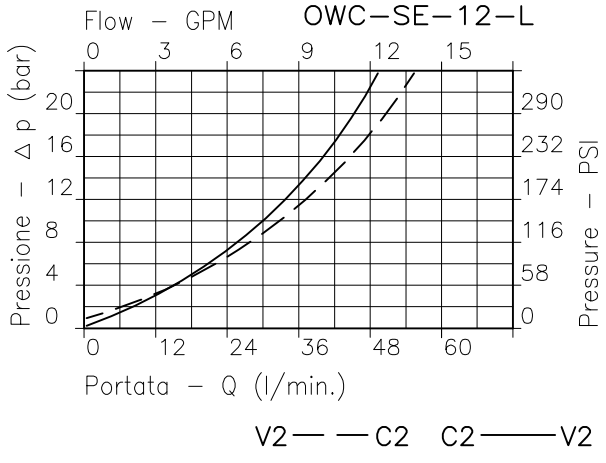


CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	4 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C — Oil viscosity 46 cSt at 50° C

NOTE:

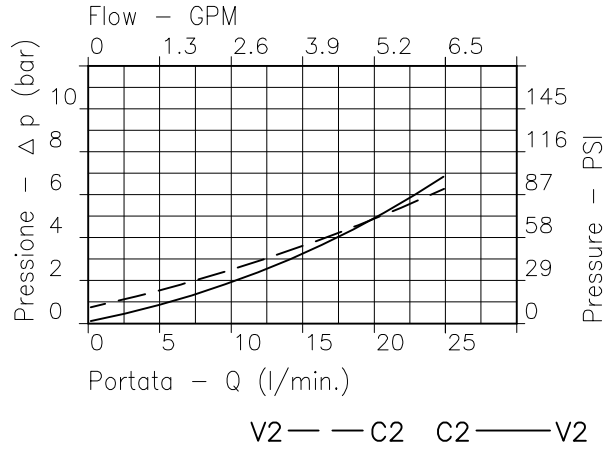
La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C — Oil viscosity 46 cSt at 50° C

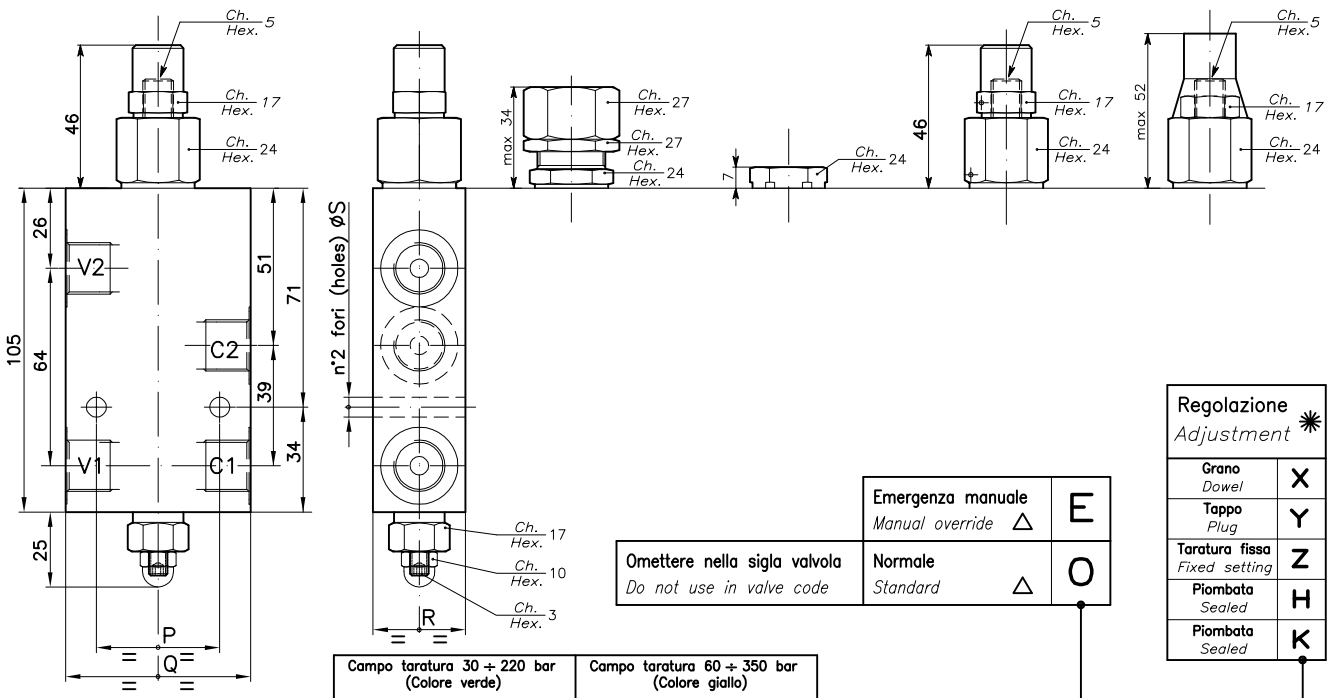
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC–SE–...–L–...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X)	Tappo *Plug* (Y)	Taratura fissa *Fixed setting* (Z)	Piombata *Sealed* (H)	Piombata *Sealed* (K)



Emergenza manuale *Manual override* △	E
Omettere nella sigla valvola *Do not use in valve code*	Normale *Standard* △	O

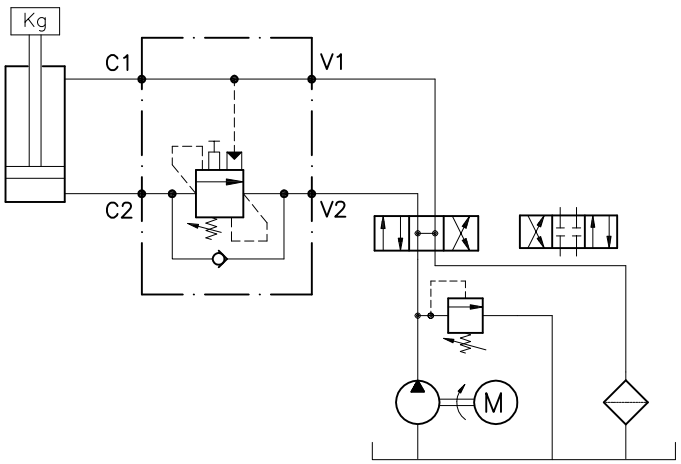
Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Tappo *Plug*	Y
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	R	S	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 210 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)							
OWC–SE–14–L–△–✱	317		316		40	60	30	6.5	1/4"	6	20–*5*
OWC–SE–38–L–△–✱	053		003						3/8"	8	40–*10*
OWC–SE–12–L–△–✱	058		008		50	70	35	8.5	1/2"	10	60–*15*

0	0	1				0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

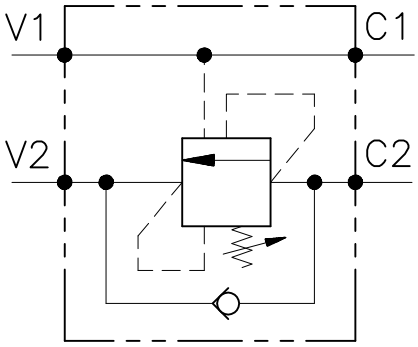


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, CON COLLETTORE IN LINEA. "SERIE OWC"

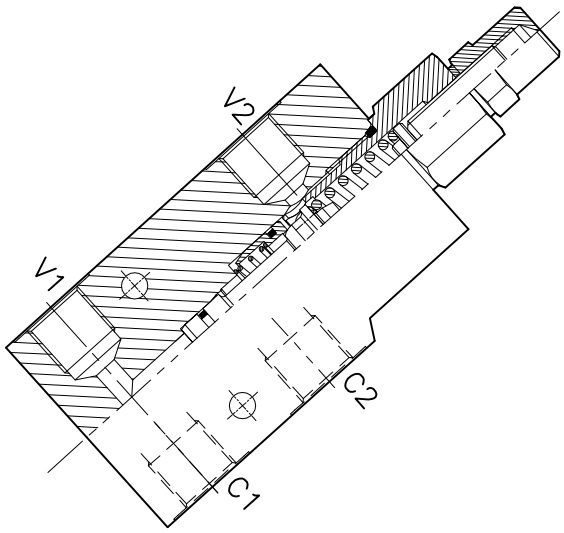
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

A–OWC–SE–...–L–FR

SCHEMA DI FUNZIONAMENTO



CRITERI PROGETTUALI

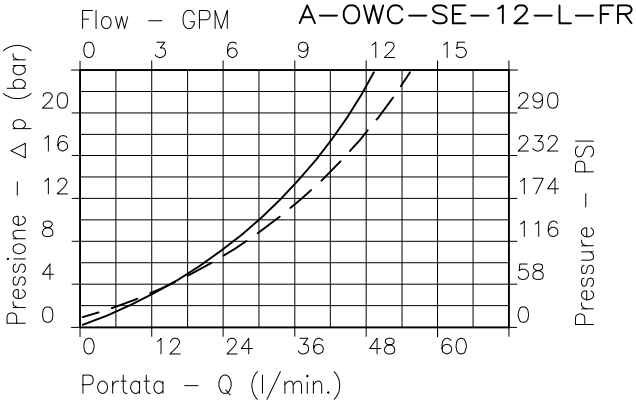


CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	4 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE

A–OWC–SE–38–L–FR
A–OWC–SE–12–L–FR



V2 — — C2 C2 ——— V2

Viscosita' olio 46 cSt a 50° C — Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

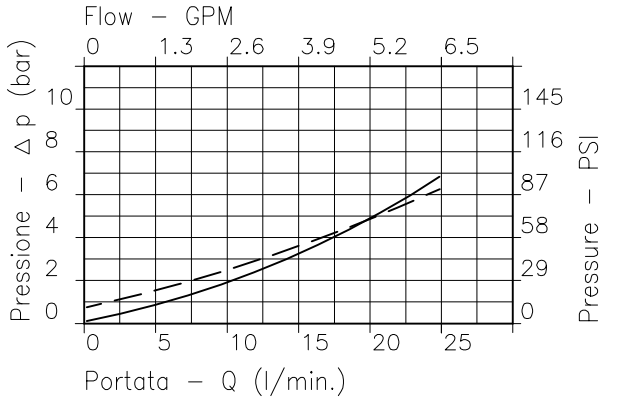
Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in acciaio.
A richiesta corpo in alluminio.

Steel body valves as standard, aluminium body on request.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE

A–OWC–SE–14–L–FR



V2 — — C2 C2 ——— V2

Viscosita' olio 46 cSt a 50° C — Oil viscosity 46 cSt at 50° C

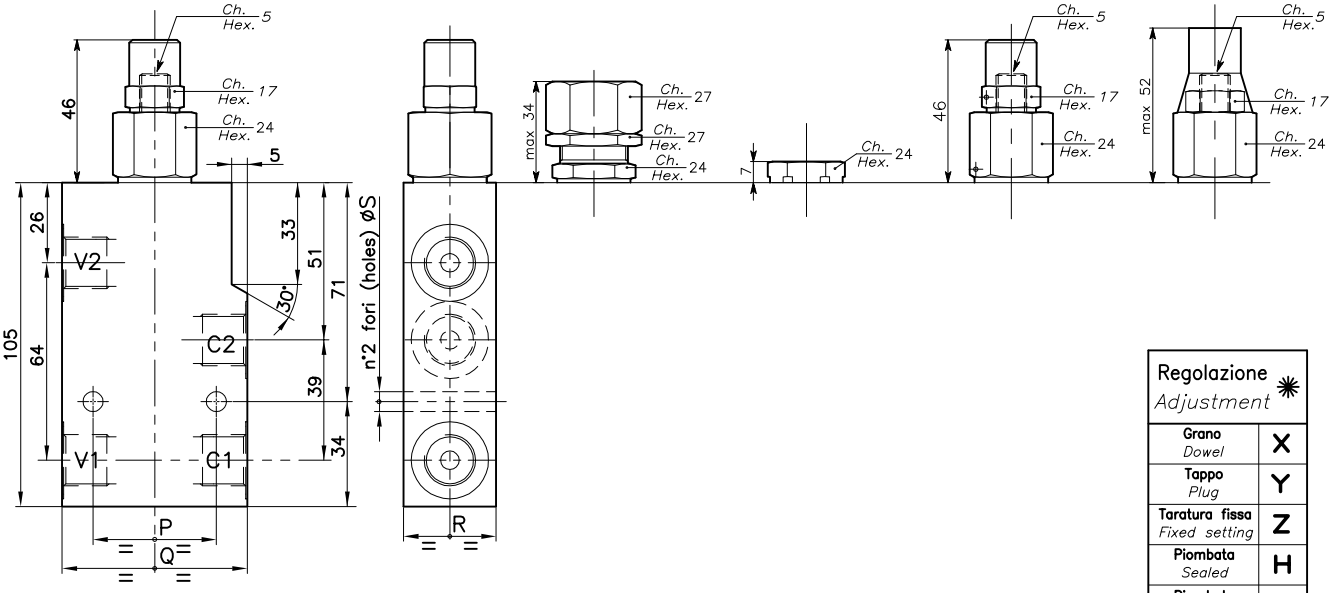
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN *HYDRAULIC VALVES AND INTEGRATED COMPONENTS* s.r.l. *ITALY*

A–OWC–SE–...–L–FR–...

REGOLAZIONE *ADJUSTMENT*

Grano *Dowel* (X)	Tappo *Plug* (Y)	Taratura fissa *Fixed setting* (Z)	Piombata *Sealed* (H)	Piombata *Sealed* (K)



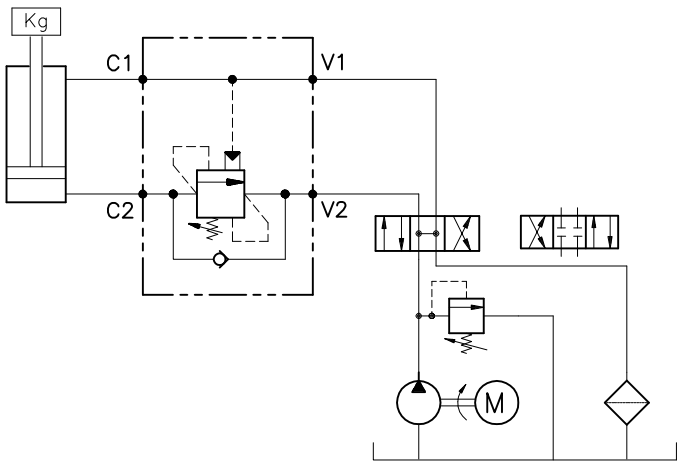
Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Tappo *Plug*	Y
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	R	S	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 210 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)							
A–OWC–SE–14–L–FR–✱	085		084		40	60	30	6.5	1/4"	6	20–*5*
A–OWC–SE–38–L–FR–✱	087		086						3/8"	8	40–*10*
A–OWC–SE–12–L–FR–✱	093		088		50	70	35	8.5	1/2"	10	60–*15*

0	0	1			0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

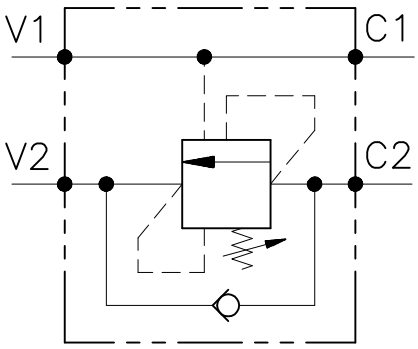


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, CON COLLETTORE IN LINEA. "SERIE WBC"

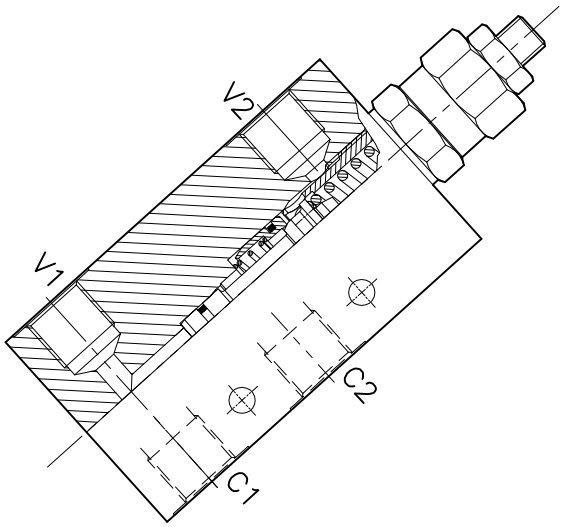
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

A–WB–C–SE–...–L–...–...

SCHEMA DI FUNZIONAMENTO



CRITERI PROGETTUALI

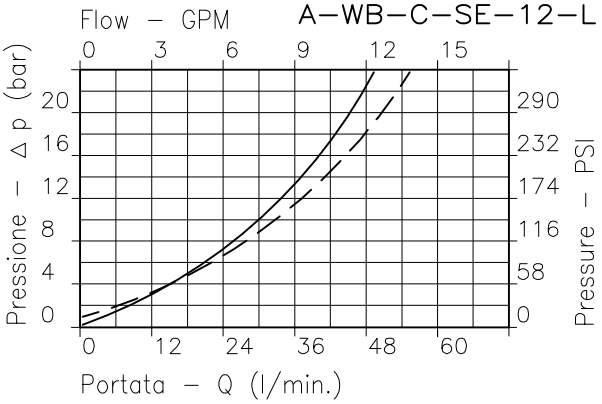


CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	4 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE

A–WB–C–SE–38–L
A–WB–C–SE–12–L



V2— —C2 C2——V2

Viscosita' olio 46 cSt a 50° C — Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

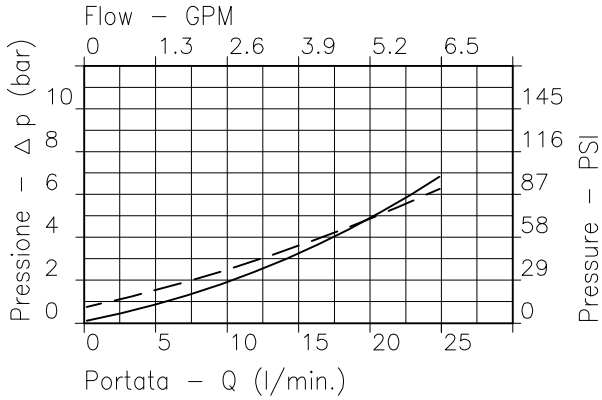
Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in acciaio.
A richiesta corpo in alluminio.

Steel body valves as standard, aluminium body on request.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE

A–WB–C–SE–14–L



V2— —C2 C2——V2

Viscosita' olio 46 cSt a 50° C — Oil viscosity 46 cSt at 50° C

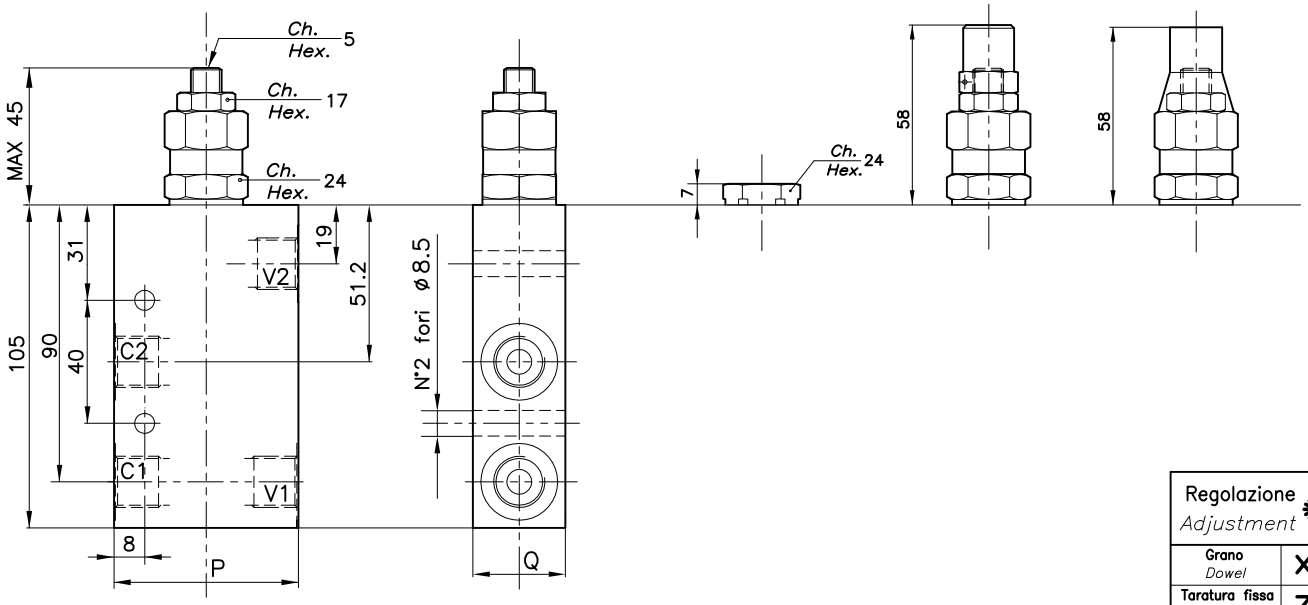
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

A–WB–C–SE–...–L–...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X)	Taratura fissa *Fixed setting* (Z)	Piombata *Sealed* (H)	Piombata *Sealed* (K)



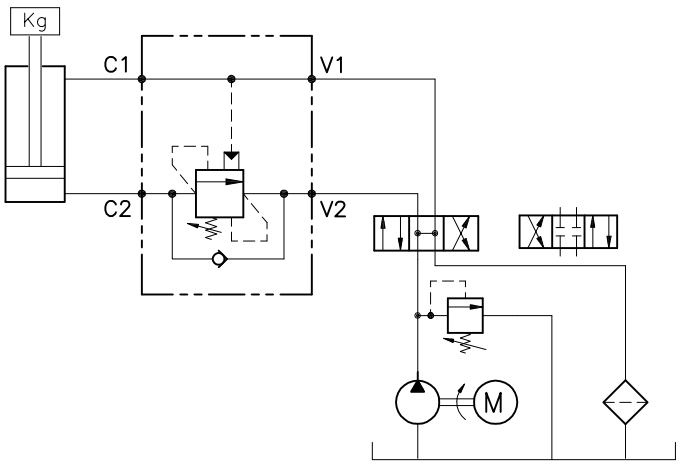
Regolazione *Adjustment* ✸	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 210 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)					
A–WB–C–SE–14–L–✸	332		331		60	30	1/4"	6	20–*5*
A–WB–C–SE–38–L–✸	328		327				3/8"	8	40–*10*
A–WB–C–SE–12–L–✸	330		329		70	35	1/2"	10	60–*15*

0	0	1			0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

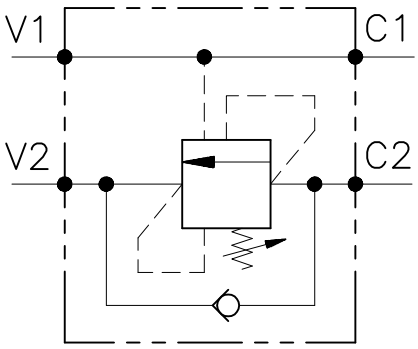


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, CON COLLETTORE IN LINEA. "SERIE OWC"

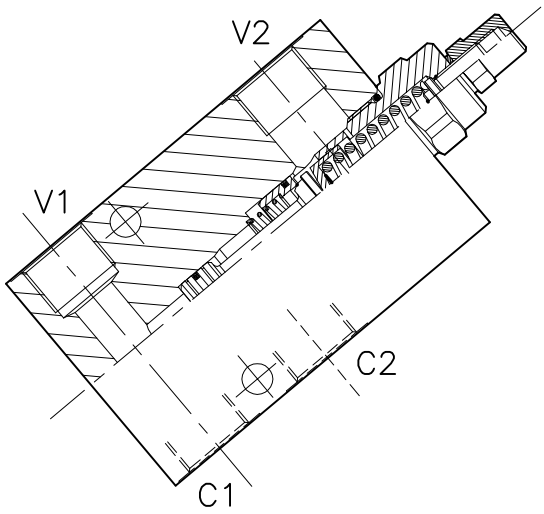
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

...–OWC–SE–...–L–...

SCHEMA DI FUNZIONAMENTO



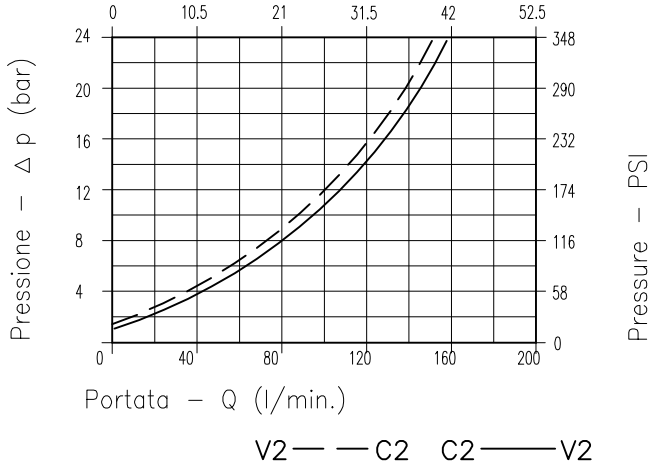
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	12 / 14
Portata min/max *Min/max flow-rate*	l/min-GPM	1/160 - 0.26/42.3
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		6.2 : 1
Temperatura ambiente *Room temperature*	°C	-30 +50
Temperatura olio *Oil temperature*	°C	-30 +80
Filtraggio consigliato *Filtration*	micron	30 ÷ 50
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C — Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in acciaio.
A richiesta corpo in alluminio.

Steel body valves as standard, aluminium body on request.

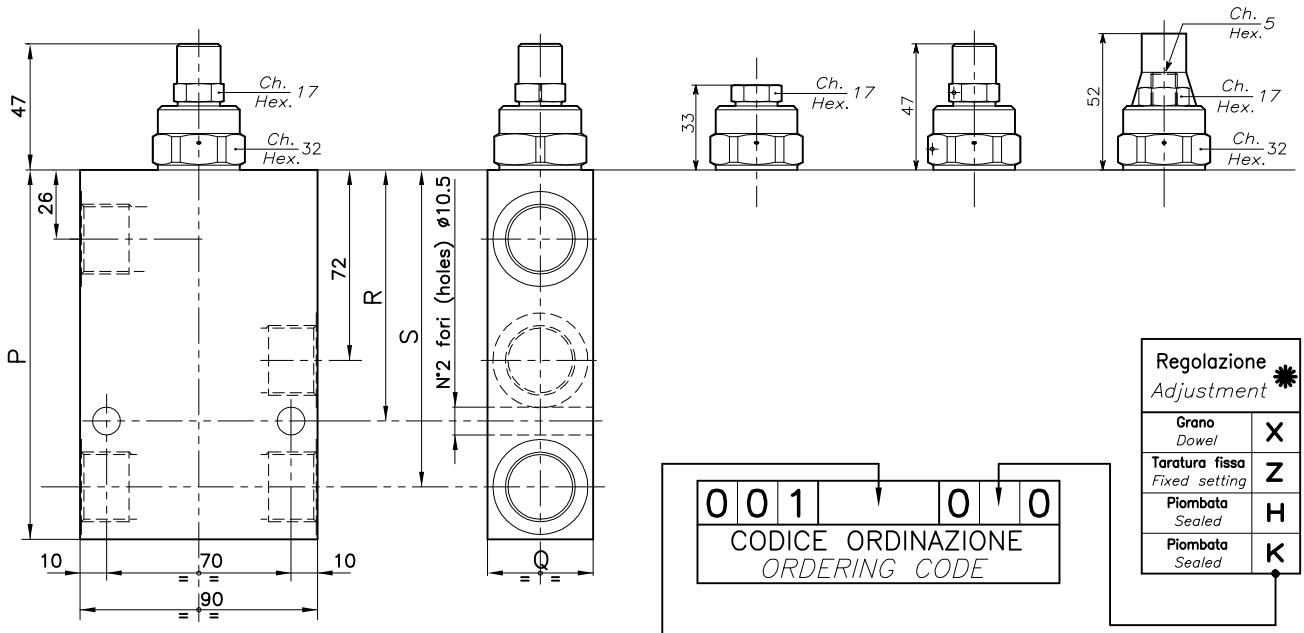
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

...–OWC–SE–...–L–...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X)	Taratura fissa *Fixed setting* (Z)	Piombata *Sealed* (H)	Piombata *Sealed* (K)



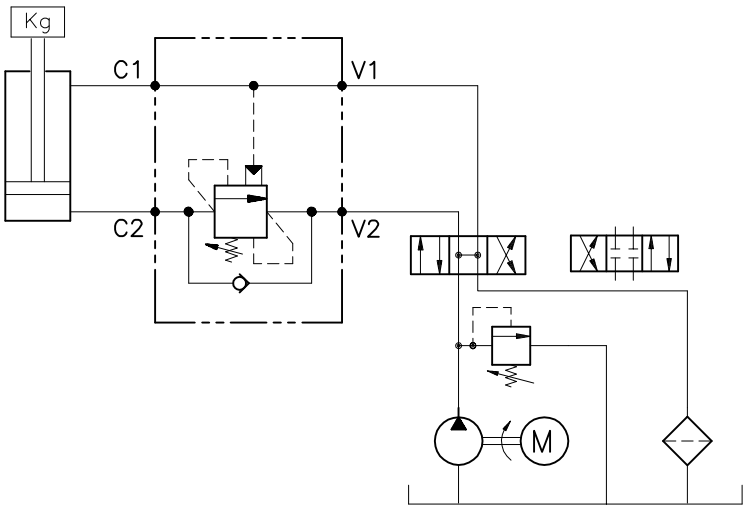
Regolazione *Adjustment*	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

0	0	1			0	0

CODICE ORDINAZIONE
ORDERING CODE

SIGLA VALVOLA *VALVE CODE*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 170 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Corpo *Body*	P	Q	R	S	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min– *GPM*
OWC–SE–100–12–L–✱	–––		–––		Alluminio *Alluminium*	140	40	95	120	1/2"	10	80– *20*
A–OWC–SE–100–12–L–✱	–––		–––		Acciaio *Steel*							
OWC–SE–34–L– ✱	–––		219		Alluminio *Alluminium*					3/4"	12	120–*31*
A–OWC–SE–34–L– ✱	–––		265		Acciaio *Steel*							
OWC–SE–100–L– ✱	–––		267		Alluminio *Alluminium*	165	50	107	142	1"	14	160–*42*
A–OWC–SE–100–L– ✱	–––		266		Acciaio *Steel*							
	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*									

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

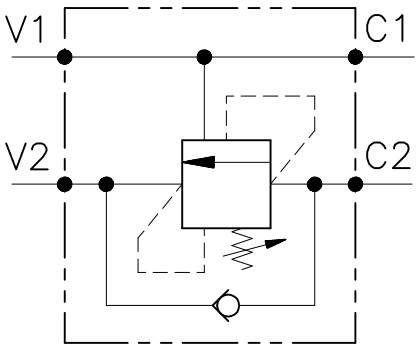


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, CON COLLETTORE IN LINEA. "SERIE OWC"

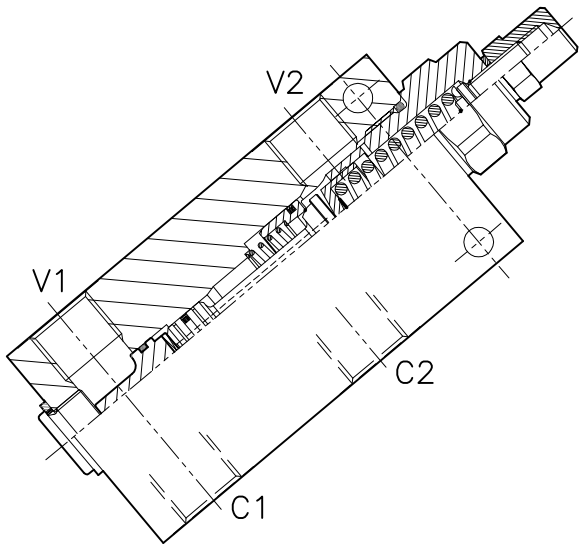
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–SE–100–12–R8.5–...

SCHEMA DI FUNZIONAMENTO



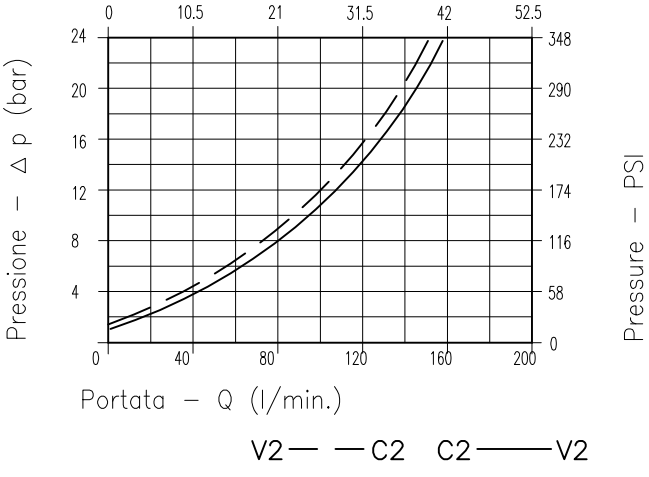
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	12
Portata min/max *Min/max flow–rate*	l/min–GPM	1/150 – 0.26/38
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		8.5 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30 ÷ 50
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C — Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

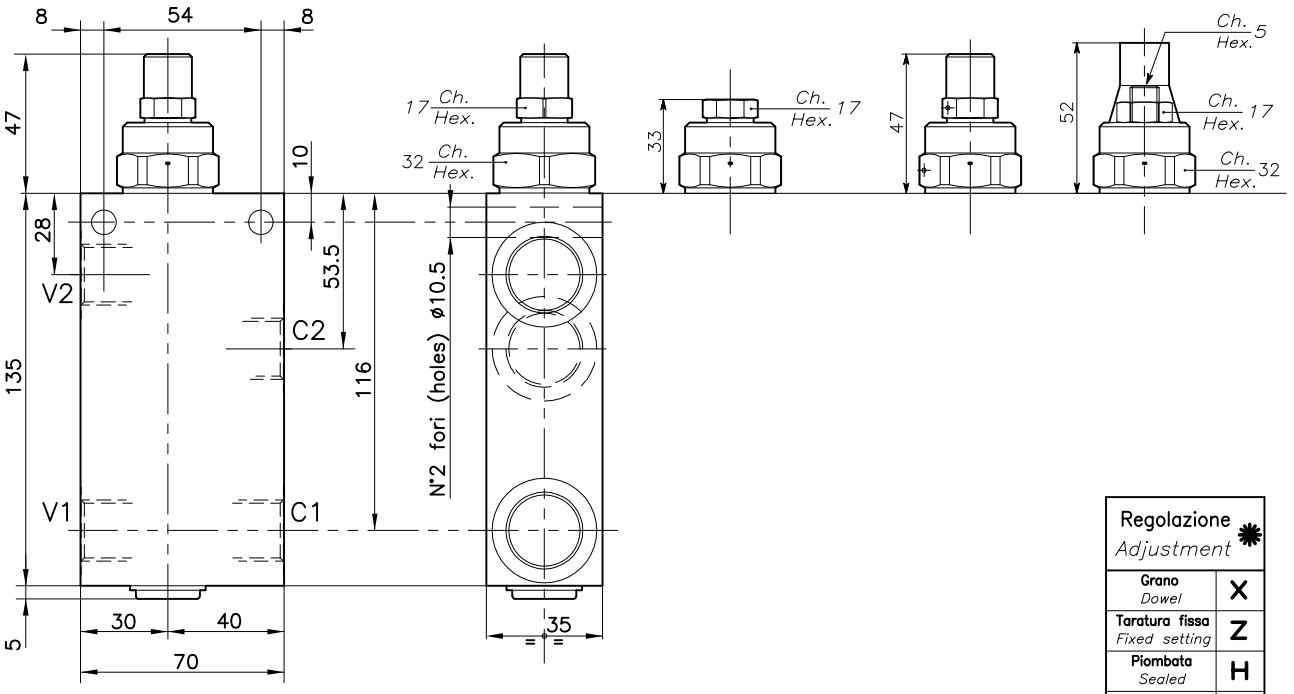
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC–SE–100–12–R8.5–...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X)	Taratura fissa *Fixed setting* (Z)	Piombata *Sealed* (H)	Piombata *Sealed* (K)



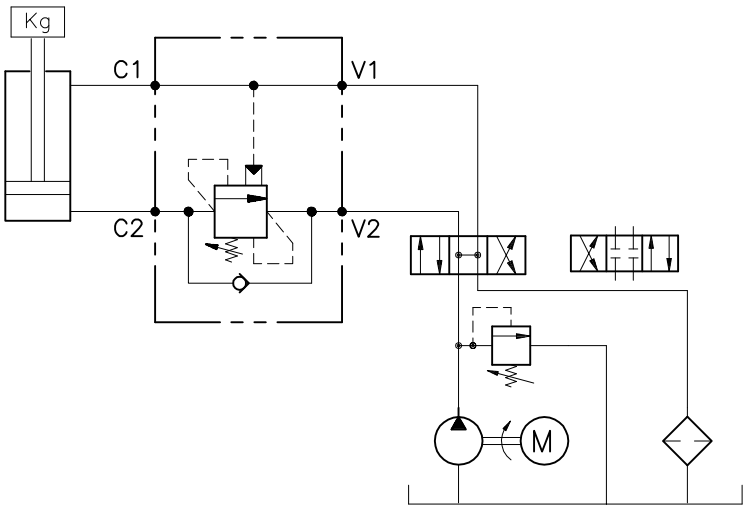
Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 210 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 280 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)			
OWC–SE–100–12–R8.5–✱			601		1/2"	12	150–*38*

0	0	1			0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

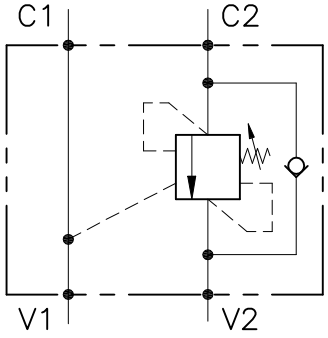


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, CON COLLETTORE IN ALLUMINIO PRESSOFUSO MONTAGGIO IN LINEA SERIE "WBCCA"

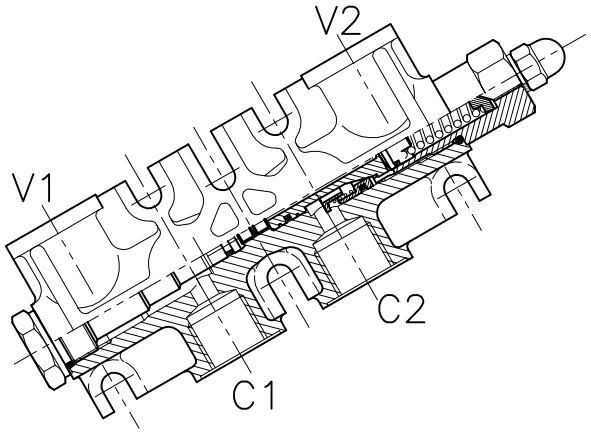
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

F–WBCCA–SE–...–L

SCHEMA DI FUNZIONAMENTO

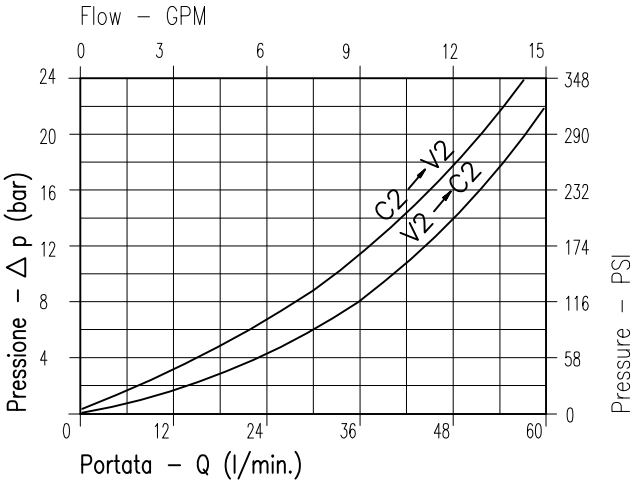


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	6 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		Pag. seguente
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Peso *Weight*	Kg	0.64



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

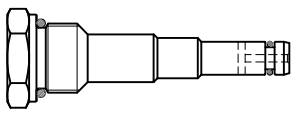
Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

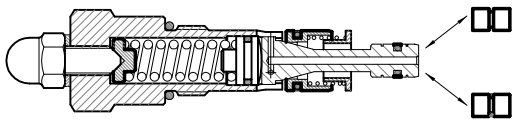
Fornitura standard valvola: corpo in alluminio cromato, cartuccie in acciaio zincato.

Aluminium chromium–plating body valves as standard, cartriges on galvanized steel.



Tappo per versione a semplice effetto con possibilità di limitare il flusso di pilotaggio con ziglori.

Kit di elementi per trasformare la valvola da versione semplice effetto a doppio effetto. (Sostituzione del tappo)

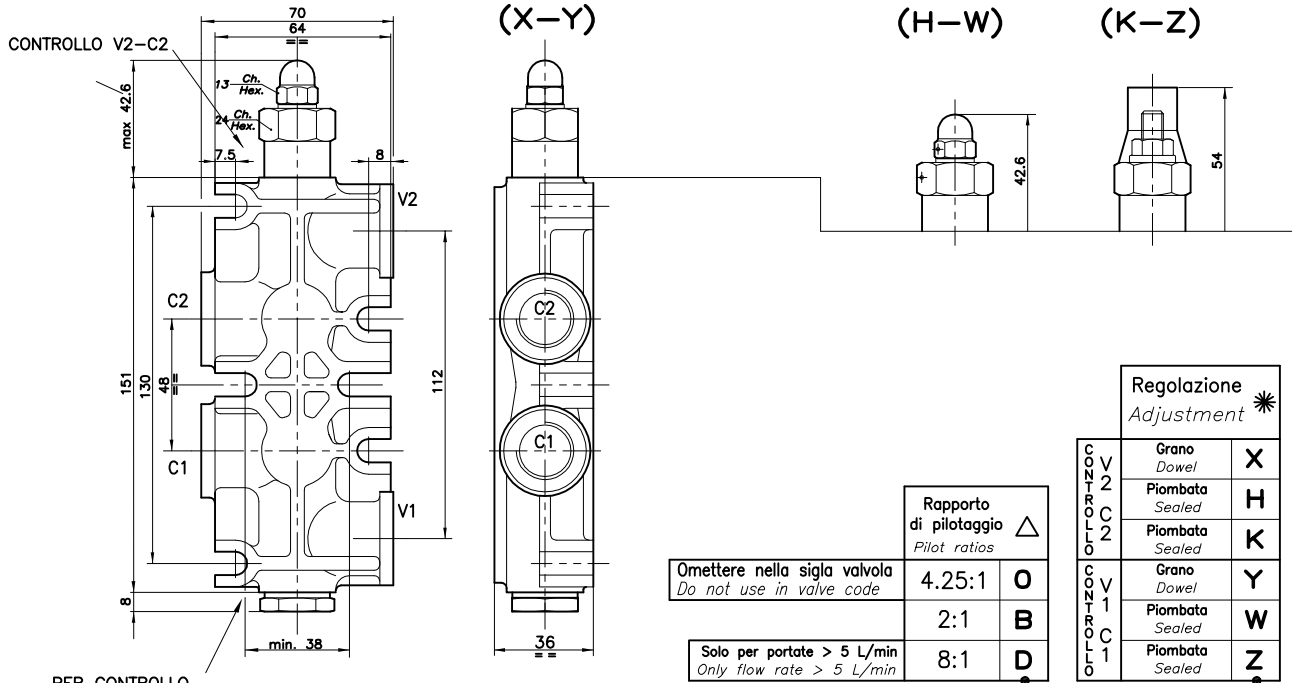


SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

F–WBCCA–SE–...–L

REGOLAZIONE *ADJUSTMENT*



Omettere nella sigla valvola *Do not use in valve code*	Rapporto di pilotaggio △ *Pilot ratios*	
	4.25:1	O
	2:1	B
Solo per portate > 5 L/min *Only flow rate > 5 L/min*	8:1	D

	Regolazione ✱ *Adjustment*	
CONTROLLO V2–C2	Grano *Dowel*	X
	Piombata *Sealed*	H
	Piombata *Sealed*	K
CONTROLLO V1–C1	Grano *Dowel*	Y
	Piombata *Sealed*	W
	Piombata *Sealed*	Z

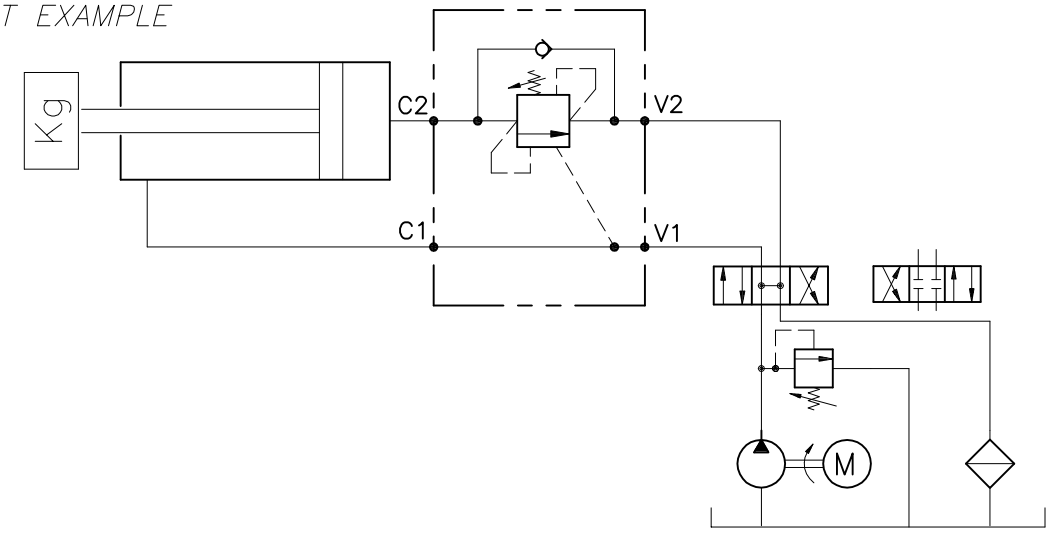
SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 280 bar (Colore verde) *Setting range 30 ÷ 280 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 250 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (––)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)			
F–WBCCA–SE–14–L–△–✱	....		637		1/4"	8	20– *5*
F–WBCCA–SE–38–L–△–✱	....		638		3/8"	8	40– *10*
F–WBCCA–SE–12–L–△–✱	....		639		1/2"	8	60– *15*

0	0	1						0

CODICE ORDINAZIONE *ORDERING CODE*

ESEMPIO TIPICO DI CIRCUITO

TYPICAL CIRCUIT EXAMPLE

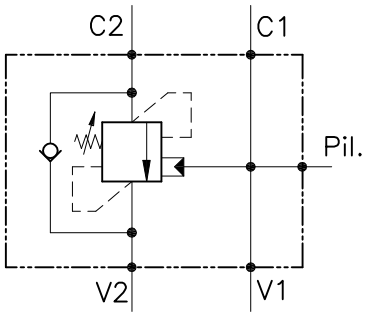


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO IN LINEA. SERIE "OWC-30"

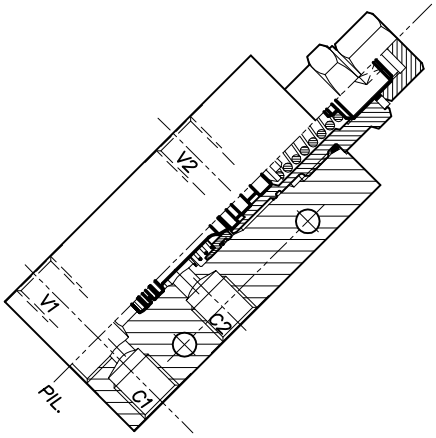
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC-30-SE-14-L

SCHEMA DI FUNZIONAMENTO

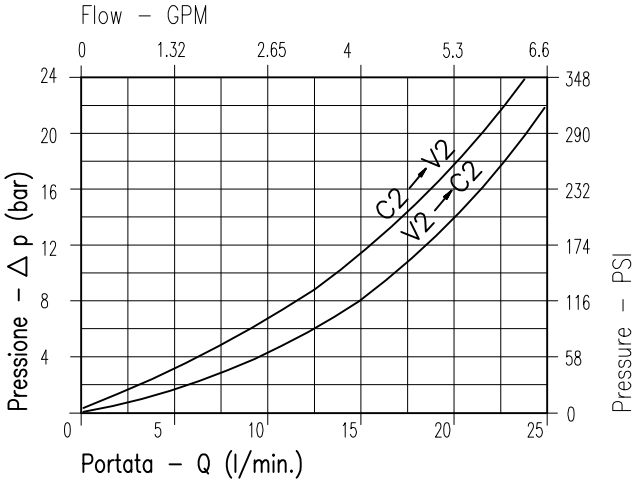


CRITERI PROGETTUALI



CARATTERISTICHE - *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	3 / 6
Portata min/max *Min/max flow-rate*	l/min-GPM	1/25 - 0.15/6.6
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4 ÷ 1
Temperatura ambiente *Room temperature*	°C	-30 +50
Temperatura olio *Oil temperature*	°C	-30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	76 ÷ 82
Peso *Weight*	Kg	0.300



Viscosita' olio 46 cSt a 50 °C
Oil viscosity 46 cSt at 50 °C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

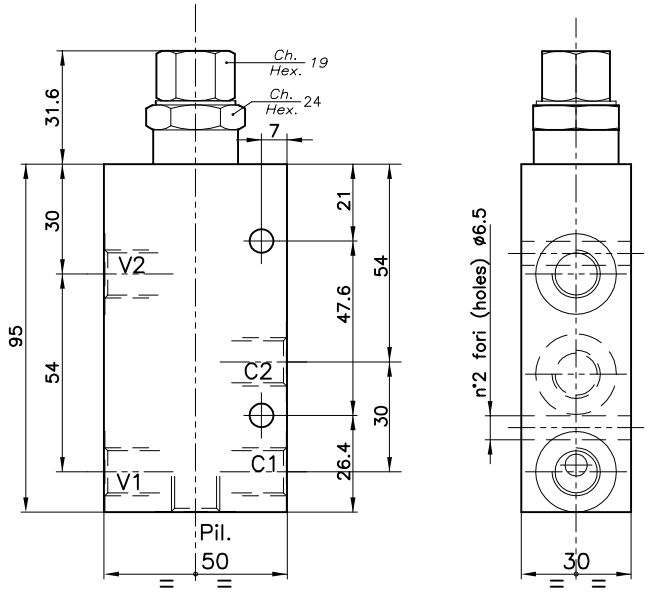
LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC-30-SE-14-L

REGOLAZIONE / *ADJUSTMENT*

Grano / *Dowel* (X)

Piombata / *Sealed* (H)



Regolazione / *Adjustment* ✱	
Grano / *Dowel*	X
Piombata / *Sealed*	H

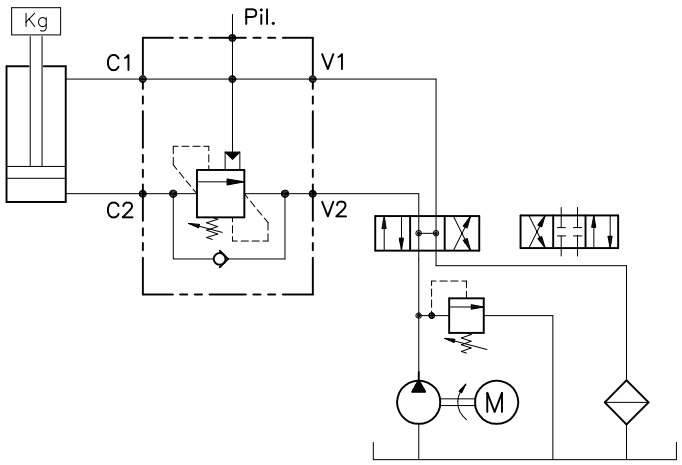
SIGLA VALVOLA / *VALVE CODE*	Campo taratura 30 ÷ 280 bar (Colore verde) *Setting range 30 ÷ 280 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	R	S	Attacchi *Port size* V2-C2 V1-C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min- *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 250 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (--)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)							
OWC-30-SE-14-L-✱	623								1/4"	6	25-*6*

0	0	1			0		0

CODICE ORDINAZIONE / *ORDERING CODE*

ESEMPIO TIPICO DI CIRCUITO

TYPICAL CIRCUIT EXAMPLE

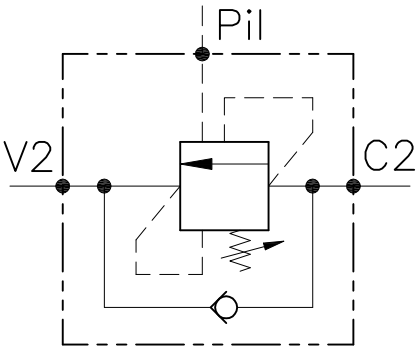


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, CON COLLETTORE IN DERIVAZIONE SERIE "OWC"

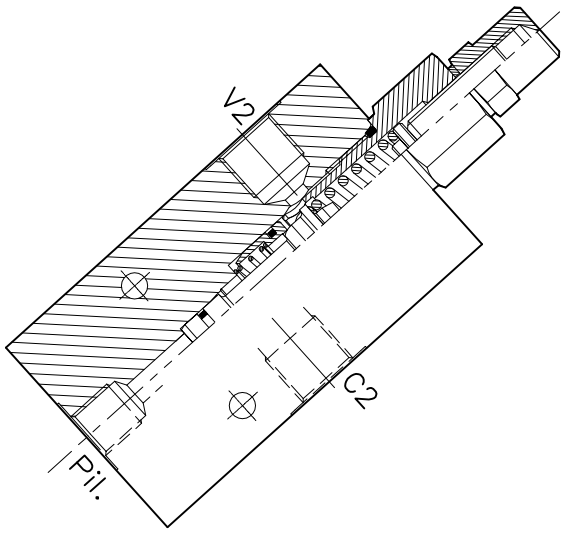
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–SE–...–14–...

SCHEMA DI FUNZIONAMENTO



CRITERI PROGETTUALI

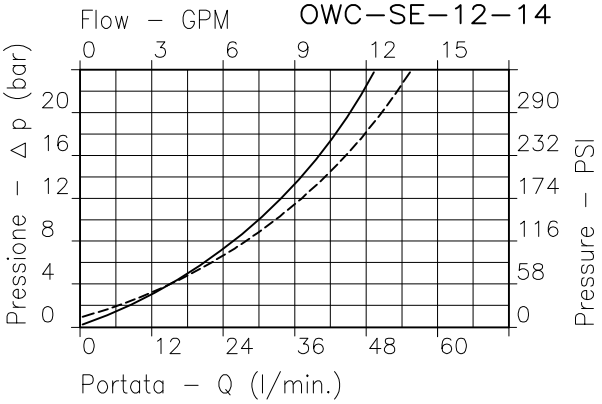


CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	4 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE

OWC–SE–38–14
OWC–SE–12–14



V2------C2 C2——V2

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

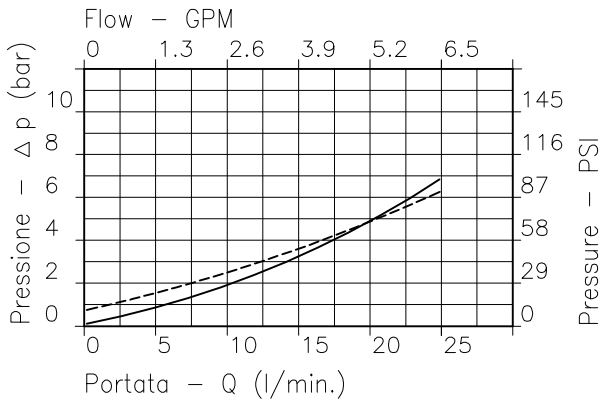
Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE

OWC–SE–14–14



V2------C2 C2——V2

Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

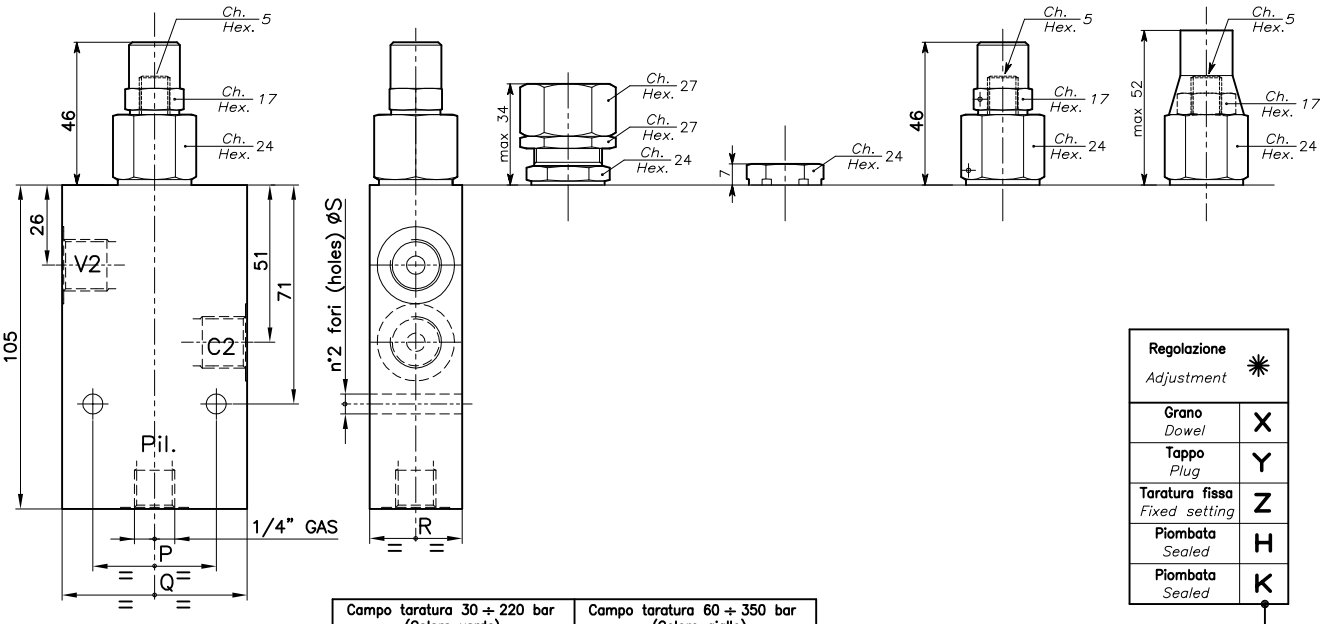
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–SE–...–14–...

REGOLAZIONE *ADJUSTMENT*

Grano *Dowel*	Tappo *Plug*	Taratura fissa *Fixed setting*	Piombata *Sealed*	Piombata *Sealed*
(X)	(Y)	(Z)	(H)	(K)



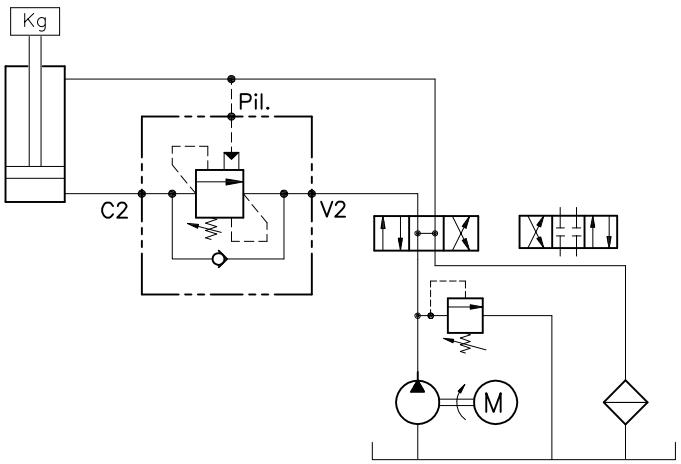
Regolazione *Adjustment*	✱
Grano *Dowel*	X
Tappo *Plug*	Y
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	R	S	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 210 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)							
OWC–SE–14–14–✱	312		311		40	60	30	6.5	1/4"	6	20–*5*
OWC–SE–38–14–✱	054		004						3/8"	8	40–*10*
OWC–SE–12–14–✱	059		009		50	70	35	8.5	1/2"	10	60–*15*

0	0	1			0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

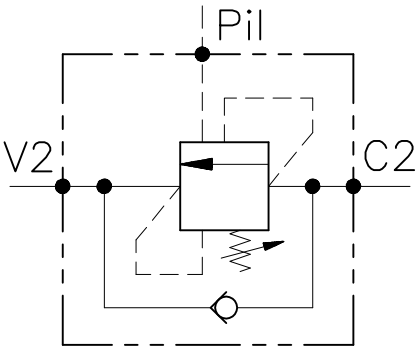


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, CON COLLETTORE IN DERIVAZIONE SERIE "WBC"

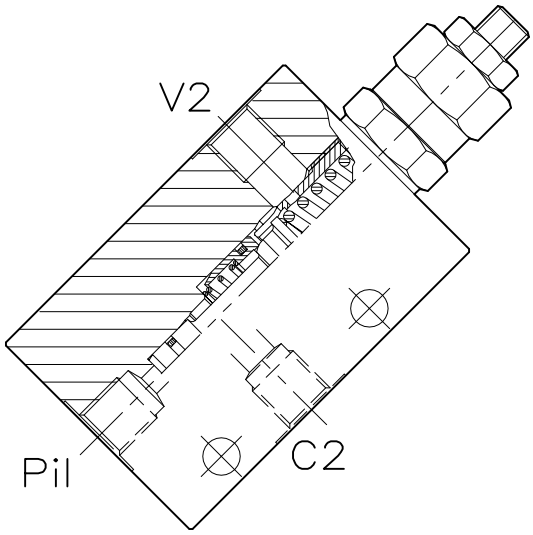
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

A–WB–C–SE–...–14–...–...

SCHEMA DI FUNZIONAMENTO



CRITERI PROGETTUALI

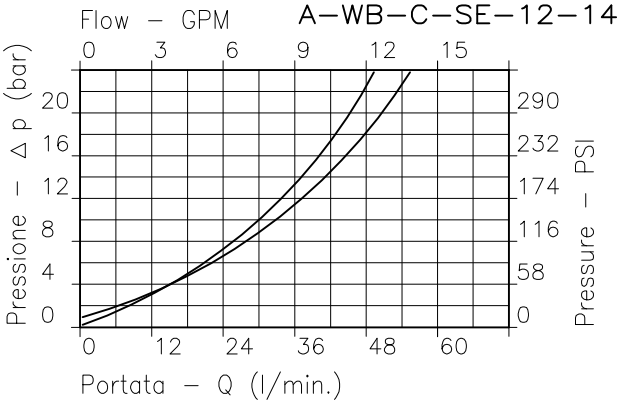


CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	4 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		Vedi Pag.04
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE

A–WB–C–SE–38–14
A–WB–C–SE–12–14



V2 —— C2 C2 - - - - V2

Viscosita' olio 46 cSt a 50° C — Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

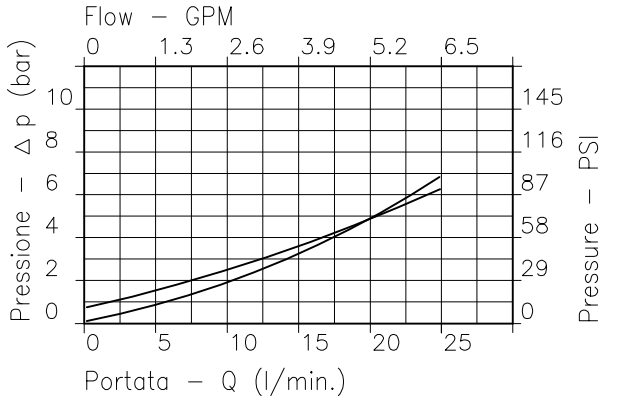
Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in acciaio.
A richiesta corpo in alluminio.

Steel body valves as standard, aluminium body on request.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE

A–WB–C–SE–14–14



V2 —— C2 C2 - - - - V2

Viscosita' olio 46 cSt a 50° C — Oil viscosity 46 cSt at 50° C

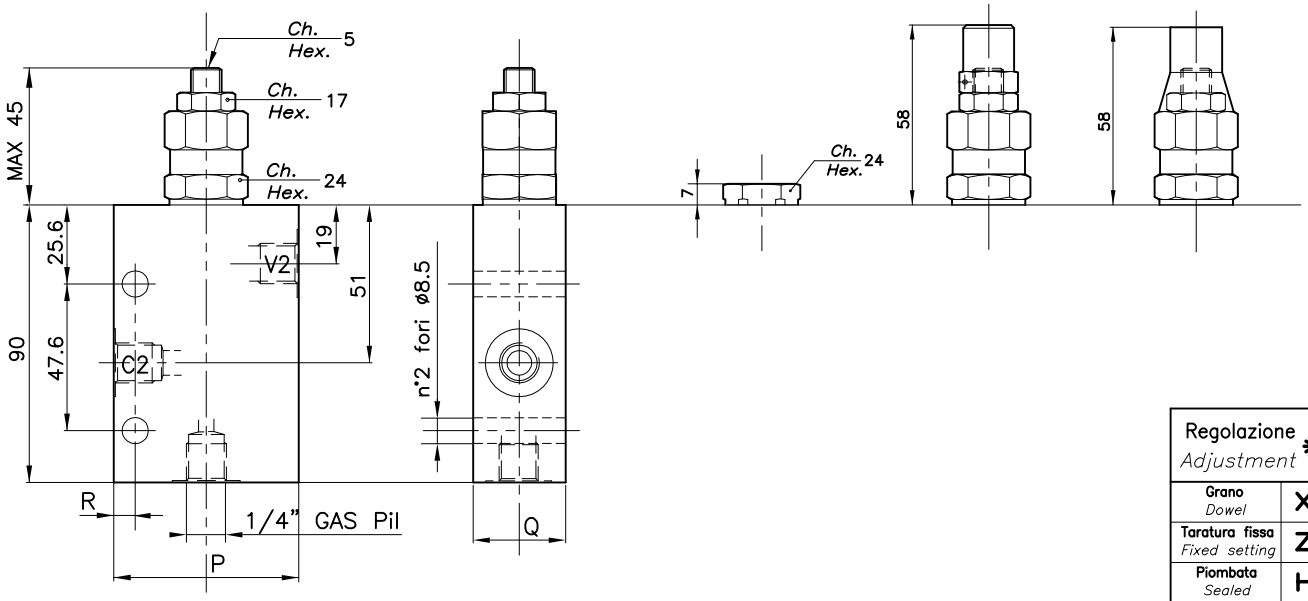
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

A–WB–C–SE–...–14–...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X)	Taratura fissa *Fixed setting* (Z)	Piombata *Sealed* (H)	Piombata *Sealed* (K)



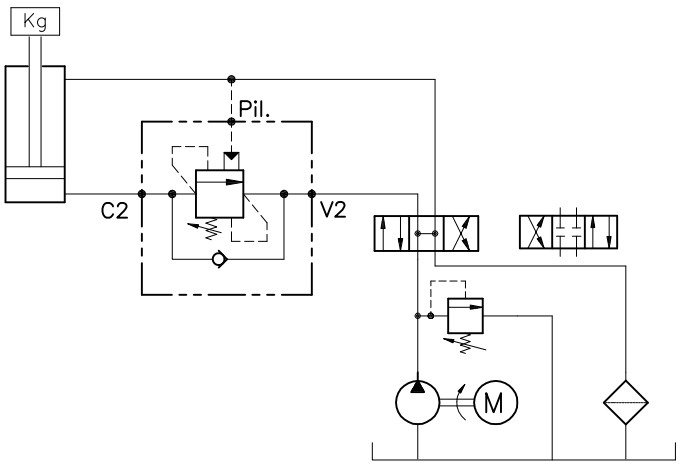
Regolazione *Adjustment* ✸	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	R	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 210 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)						
A–WB–C–SE–14–14– ✸	237		236		60	30	7	1/4"	6	20–*5*
A–WB–C–SE–38–14– ✸	239		238					3/8"	8	40–*10*
A–WB–C–SE–12–14– ✸	241		240		70	35	11	1/2"	10	60–*15*

0	0	1			0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

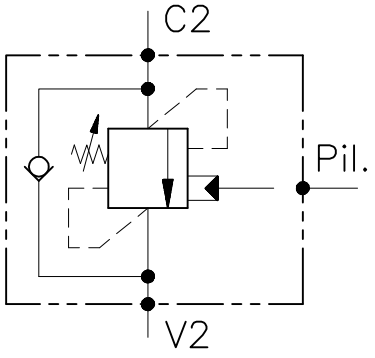


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, CON COLLETTORE IN DERIVAZIONE. SERIE "WBC"

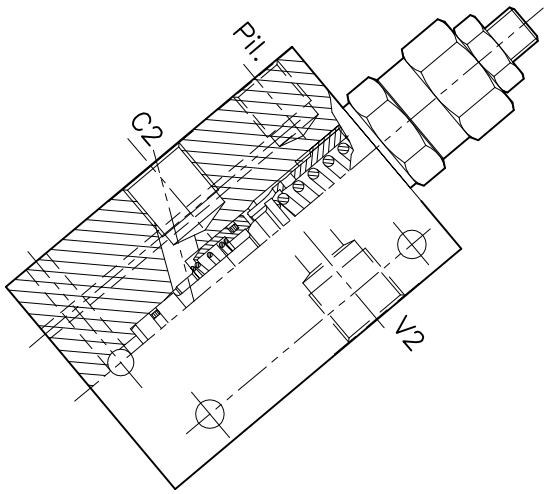
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

A–WB–C–SE–38–14–PA–...–...

SCHEMA DI FUNZIONAMENTO

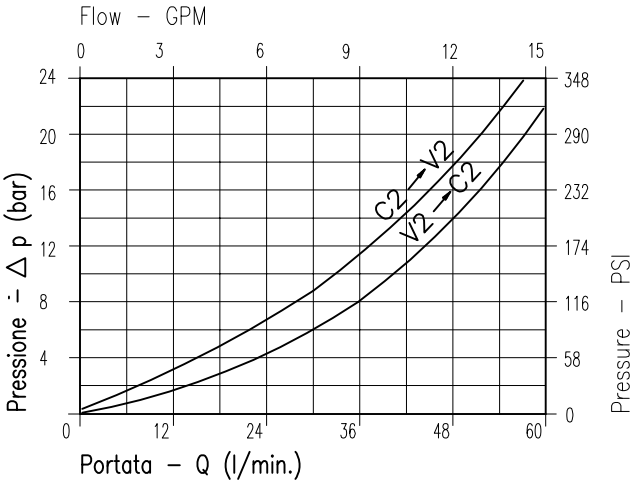


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		Vedi Pag.06
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in acciaio.
A richiesta corpo in alluminio.

Steel body valves as standard, aluminium body on request.

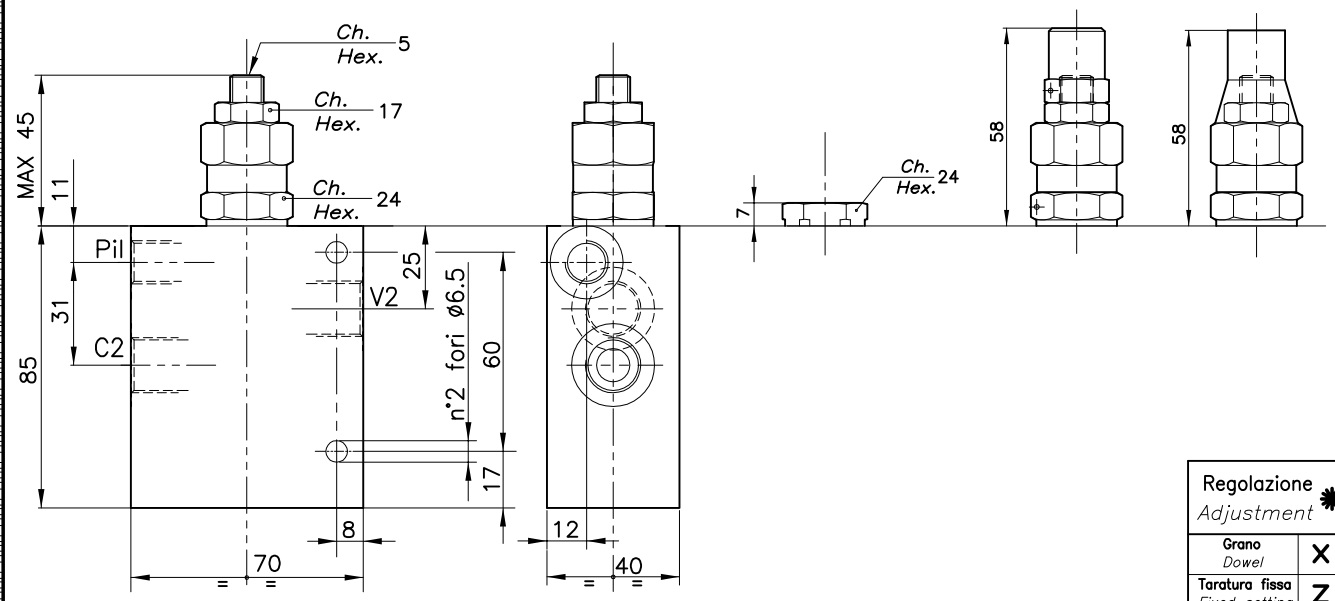
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

A–WB–C–SE–38–14–PA–...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X)	Taratura fissa *Fixed setting* (Z)	Piombata *Sealed* (H)	Piombata *Sealed* (K)



Regolazione *Adjustment*	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

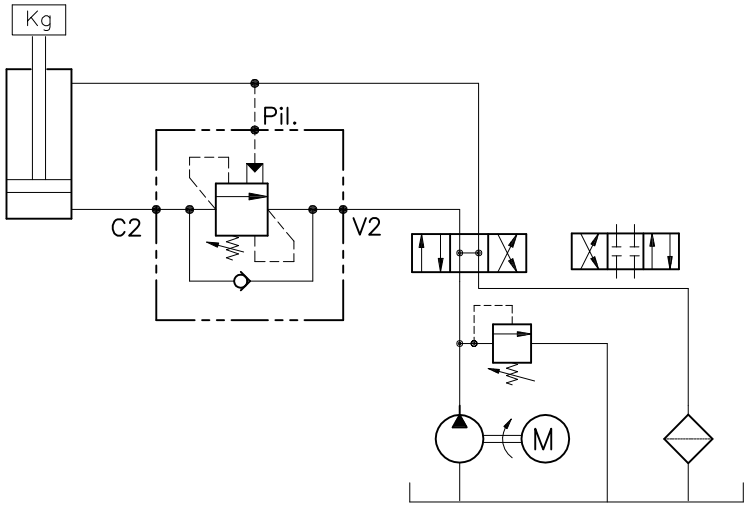
SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi *Port size* V2–C2 GAS *(BSPP)*	Attacchi *Port size* Pil. GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*				
A–WB–C–SE–38–14–PA–✱	210 bar	(56)	350 bar	(138)	3/8"	1/4"	8	60–*15*

0	1	0	272	1	0	3
0	1	0	272	1	0	4

0	0	1			0		0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

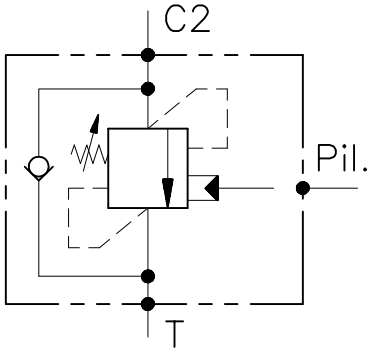


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, CON COLLETTORE IN DERIVAZIONE. SERIE "WBC"

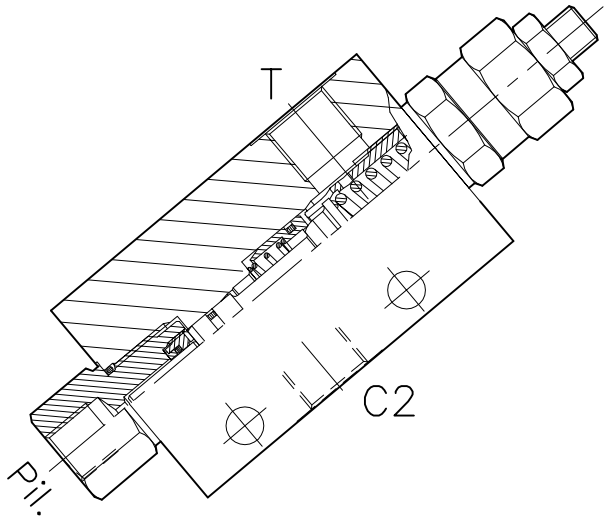
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

A–WB–SE–...–14–D.O.–...–...

SCHEMA DI FUNZIONAMENTO

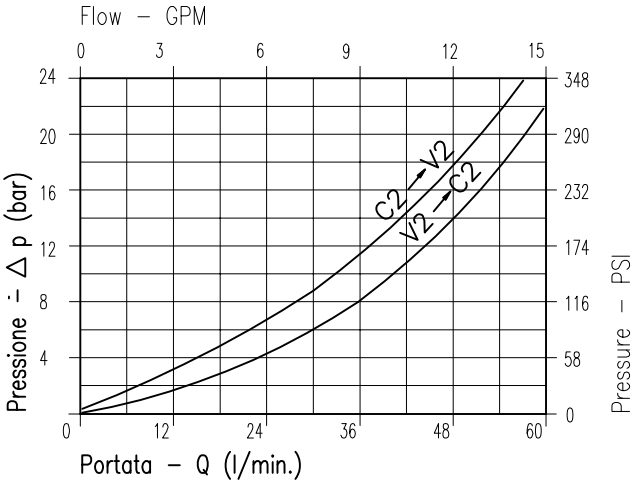


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	6/10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		Vedi Pag.08
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in acciaio.
A richiesta corpo in alluminio.

Steel body valves as standard, aluminium body on request.

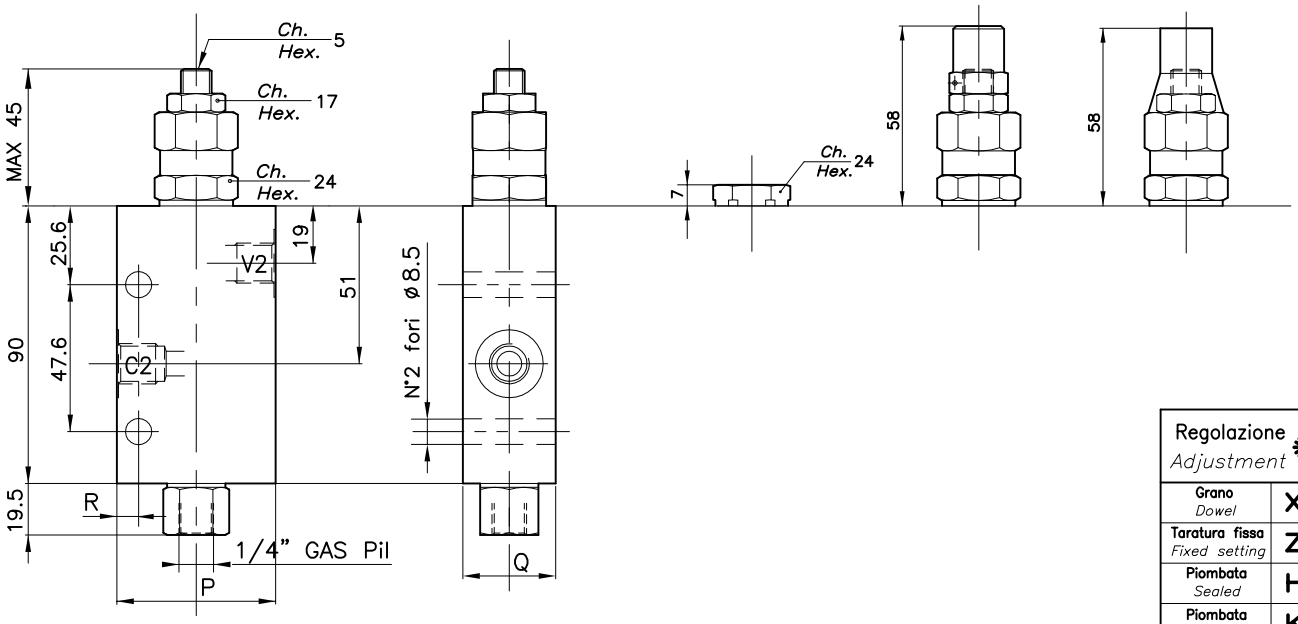
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB–SE–...–14–A.D.O.–...

REGOLAZIONE *ADJUSTMENT* →

Grano *Dowel*	Taratura fissa *Fixed setting*	Piombata *Sealed*	Piombata *Sealed*
(X)	(Z)	(H)	(K)



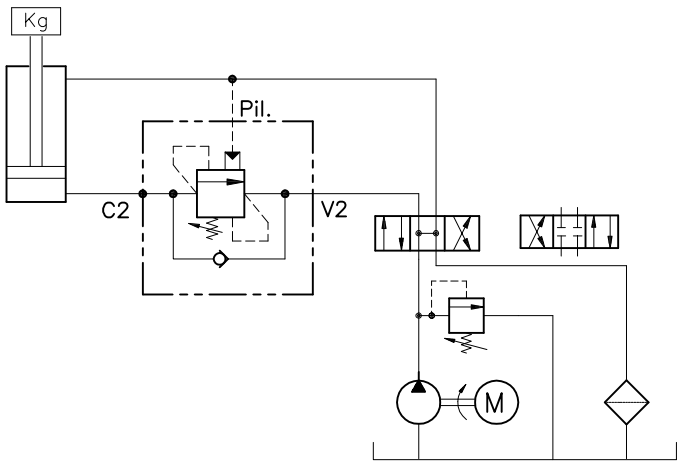
Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	R	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 180 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)						
WB–SE–14–14–A.D.O.– ✱	550				55	30	7	1/4"	6	20– *5*
WB–SE–38–14–A.D.O.– ✱	540							3/8"	8	40–*10*
WB–SE–12–14–A.D.O.– ✱	541				65	35	11	1/2"	10	60–*15*

0	0	1			0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

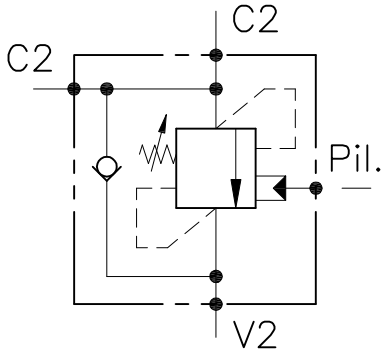


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO CON COLLETTORE IN DERIVAZIONE SERIE "OWC"

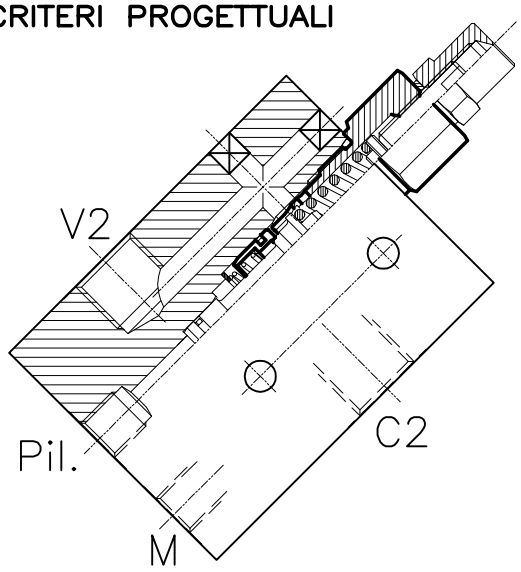
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC-SE-12-14-OIL

SCHEMA DI FUNZIONAMENTO

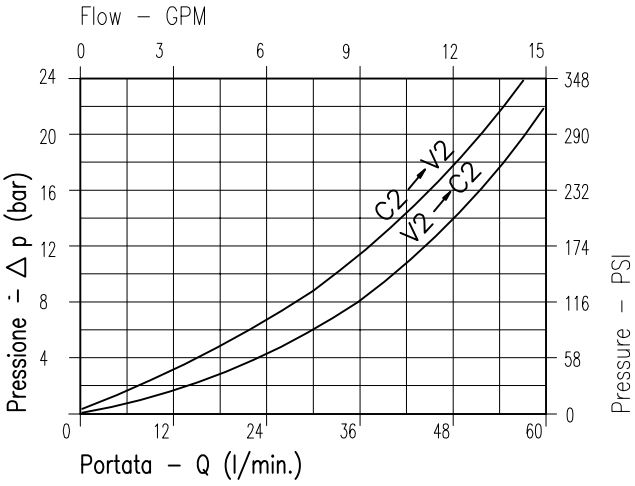


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	6/10
Portata min/max *Min/max flow-rate*	l/min-GPM	1/60 - 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		Pag. succ.
Temperatura ambiente *Room temperature*	°C	-30 +50
Temperatura olio *Oil temperature*	°C	-30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

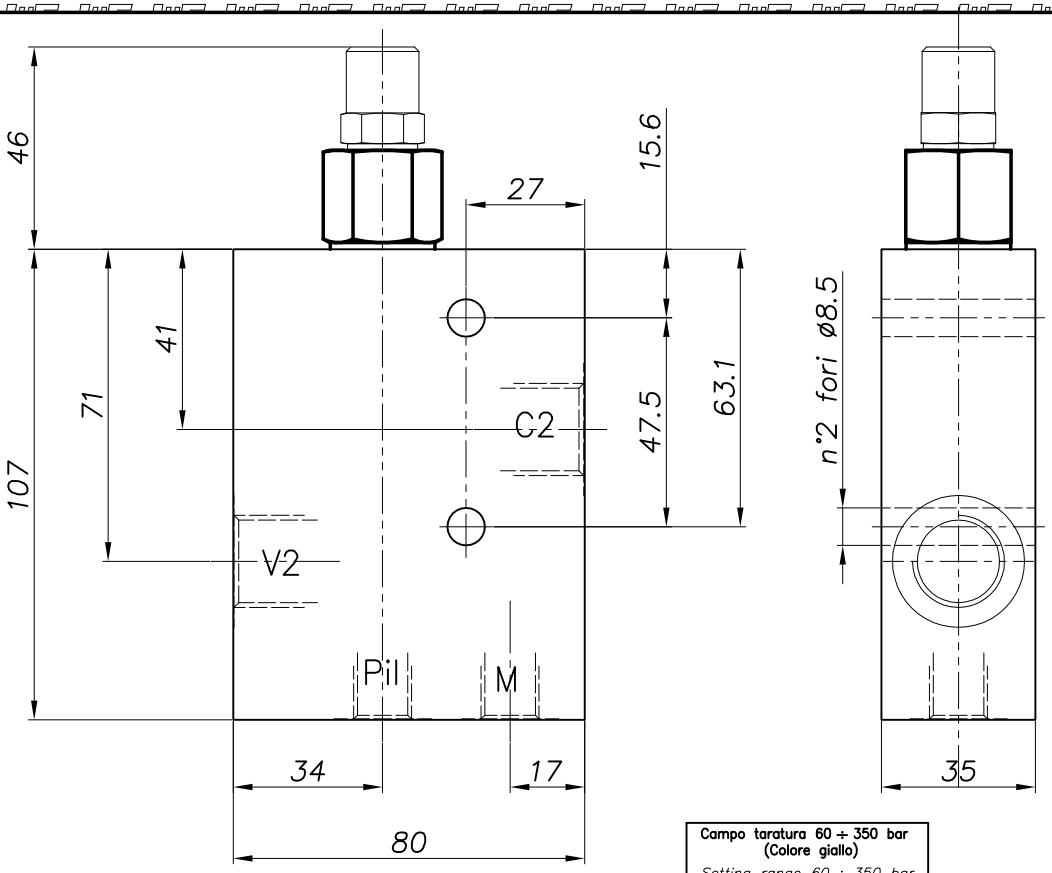
Fornitura standard valvola: corpo in acciaio.
A richiesta corpo in alluminio.

Steel body valves as standard, aluminium body on request.

SOLUZIONI DI PRODUZIONE NECESSARIE
PER LA SCELTA DEL PRODOTTO
E RELATIVA DEFINIZIONE DEL
CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC-SE-12-14-OIL

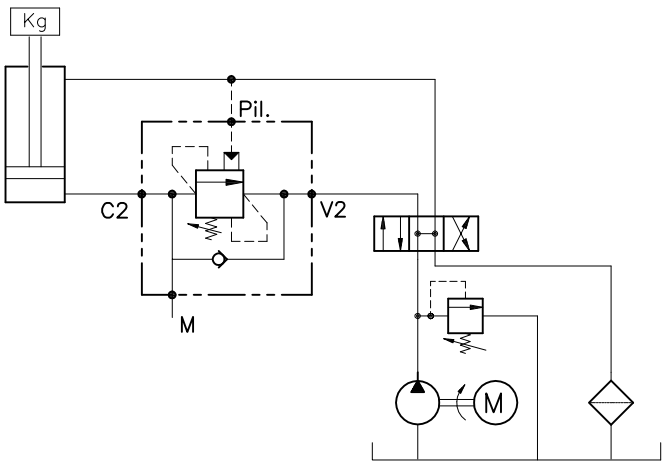


SIGLA VALVOLA *VALVE CODE*	Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)* Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Attacchi *Port size* *V2-C2* GAS *(BSPP)*	Attacchi *Port size* *Pil-M* GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min- *GPM*
OWC-SE-12-14-OIL			1/2"	1/4"	10	60-*15*

0	1	2	7	4	5	1	0	1

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

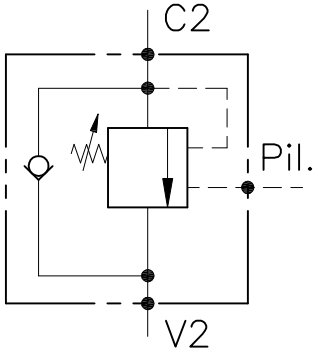


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO CON COLLETTORE IN DERIVAZIONE SERIE "OWC"

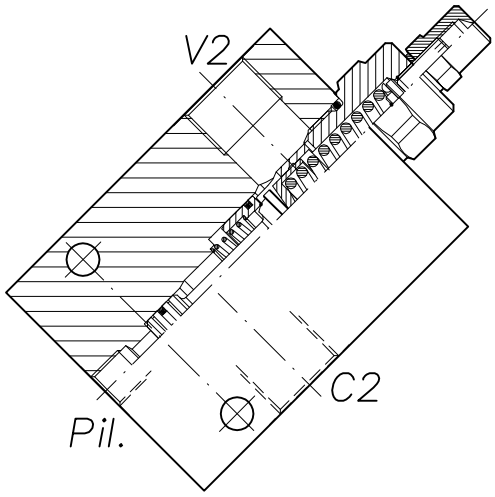
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

...–OWC–SE–...–14

SCHEMA DI FUNZIONAMENTO



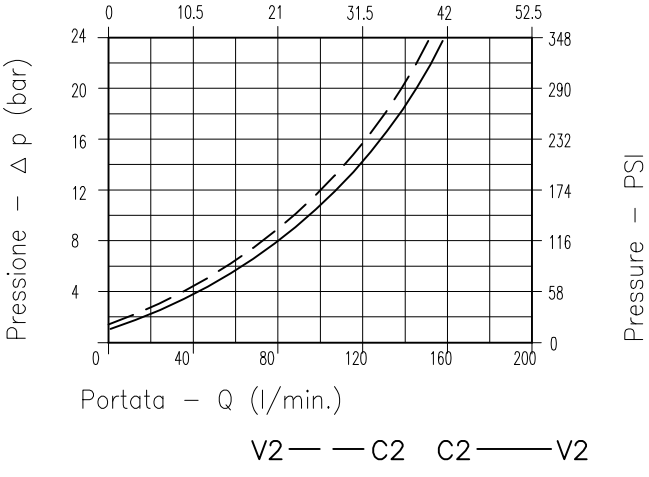
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	12 / 14
Portata min/max *Min/max flow–rate*	l/min–GPM	1/160 – 0.26/42.3
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		6.2 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30 ÷ 50
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

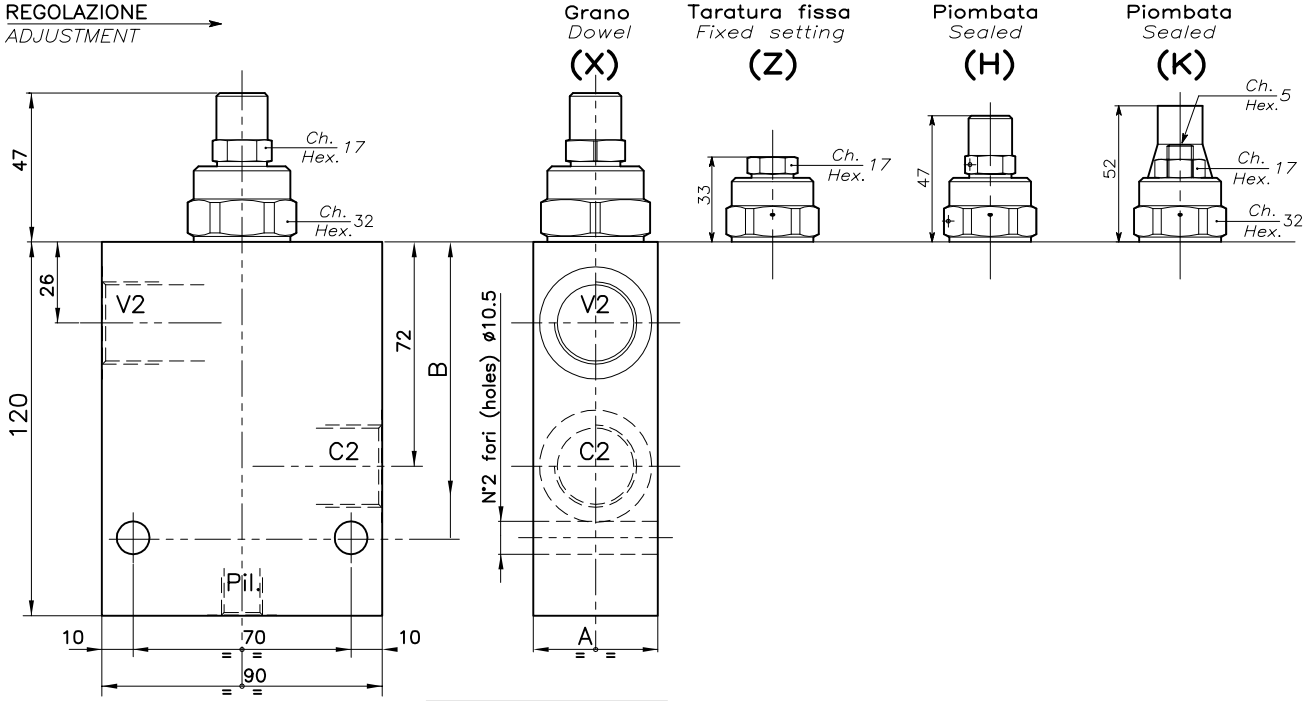
Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

...–OWC–SE–...–14

REGOLAZIONE *ADJUSTMENT*



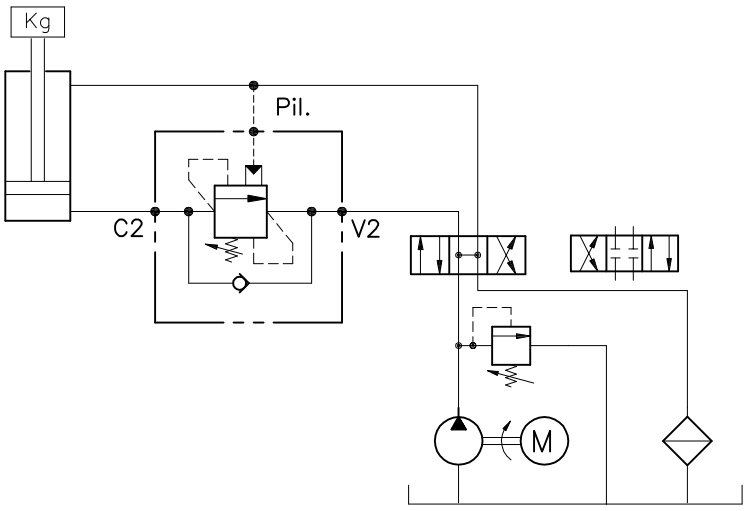
SIGLA VALVOLA *VALVE CODE*	Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)* Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Corpo *Body*	A	B	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– *GPM*
A–OWC–SE–34–14–✱	448		Acciaio *Steel*	40	95	3/4"	12	120–*31*
OWC–SE–34–14–✱	449		Alluminio *Alluminium*					
A–OWC–SE–100–14–✱	450		Acciaio *Steel*	50	107	1"	14	160–*42*
OWC–SE–100–14–✱	451		Alluminio *Alluminium*					

Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

0	0	1			0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

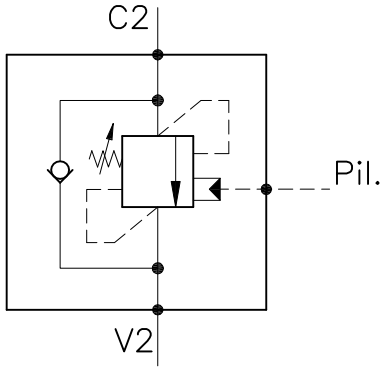


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO IN LINEA. SERIE "OWC–30"

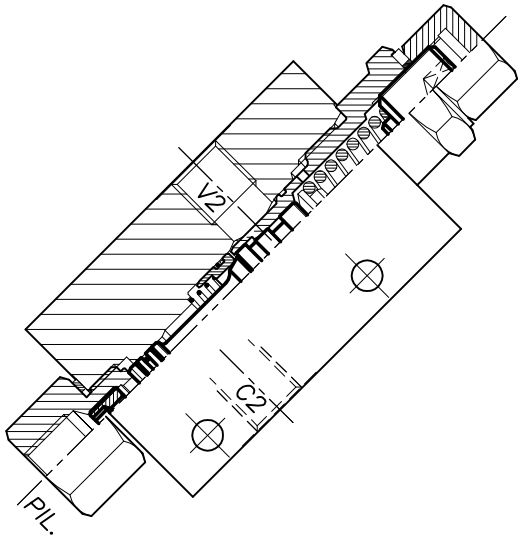
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–30–SE–14

SCHEMA DI FUNZIONAMENTO

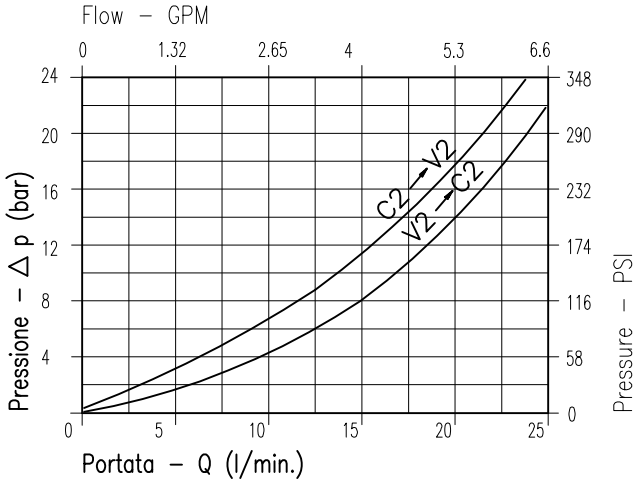


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	3 / 6
Portata min/max *Min/max flow–rate*	l/min–GPM	1/25 – 0.15/6.6
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4 ÷ 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	76 ÷ 82
Peso *Weight*	Kg	0.300



Viscosita' olio 46 cSt a 50 °C
Oil viscosity 46 cSt at 50 °C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

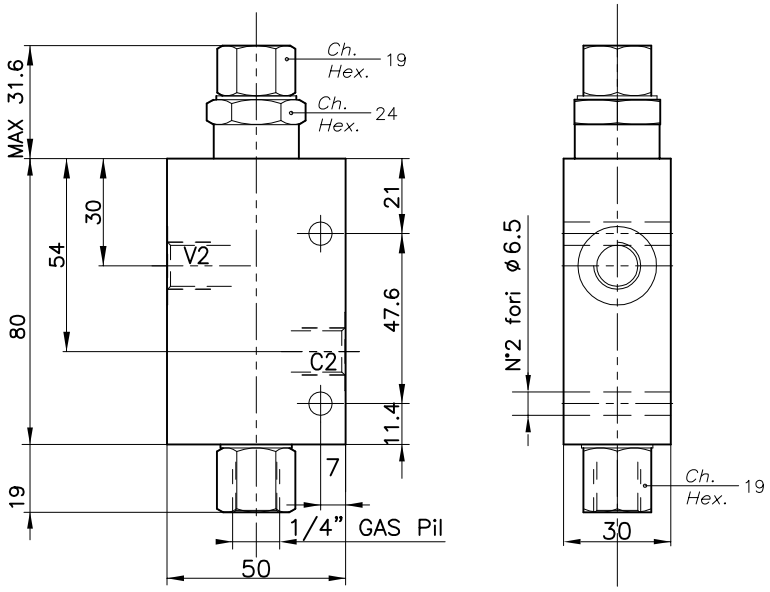
LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC-30-SE-14

REGOLAZIONE
ADJUSTMENT

Grano
Dowel
(X)

Piombata
Sealed
(H)



Fori di pilotaggio *Pilot holes*	
ø0.5	A
ø0.7	B
ø0.9	C

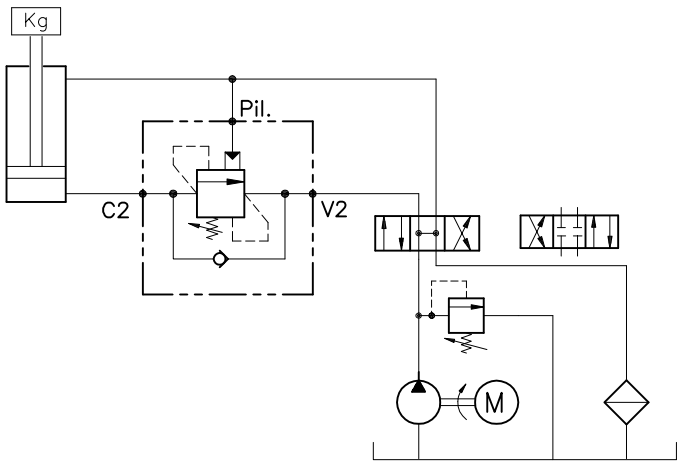
Regolazione *Adjustment*	
Grano *Dowel*	X
Piombata *Sealed*	H

	Campo taratura 30 ÷ 280 bar (Colore verde) *Setting range 30 ÷ 280 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*				
SIGLA VALVOLA *VALVE CODE*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 250 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (--)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Attacchi *Port size* V2-C2 Pil. GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min- *GPM*
OWC-30-SE-14 ✳ ✱	622				1/4"	6	25- *6*

0	0	1					0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

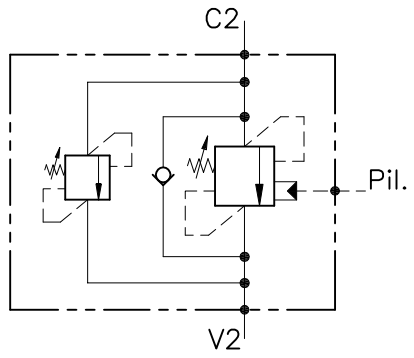


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO IN LINEA. SERIE "OWC-30"

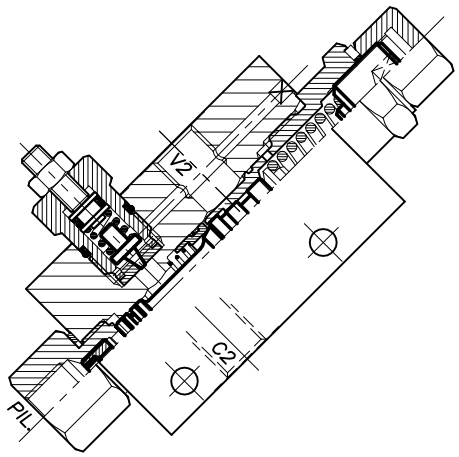
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC-30-SE-VMP-14

SCHEMA DI FUNZIONAMENTO

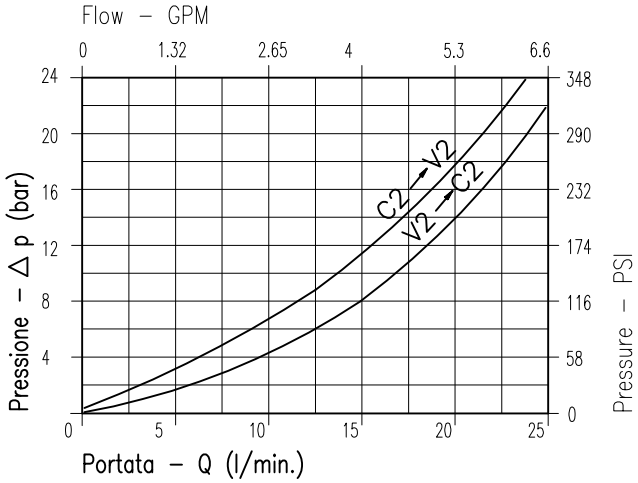


CRITERI PROGETTUALI



CARATTERISTICHE - *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	3 / 6
Portata min/max *Min/max flow-rate*	l/min-GPM	1/25 - 0.15/6.6
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4 ÷ 1
Temperatura ambiente *Room temperature*	°C	-30 +50
Temperatura olio *Oil temperature*	°C	-30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	76 ÷ 82
Peso *Weight*	Kg	0.300



Viscosita' olio 46 cSt a 50 °C
Oil viscosity 46 cSt at 50 °C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

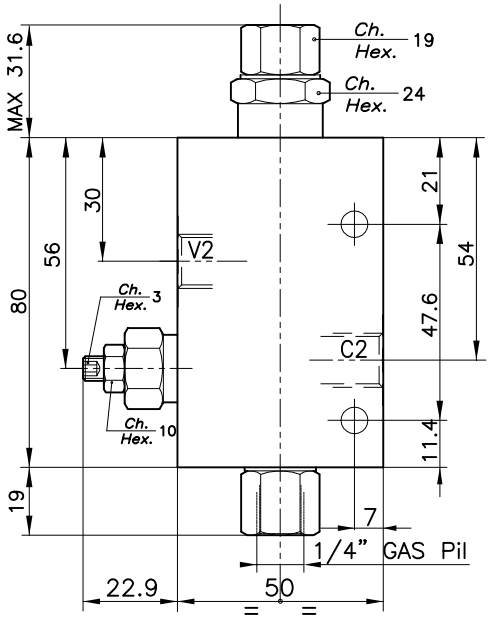
Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

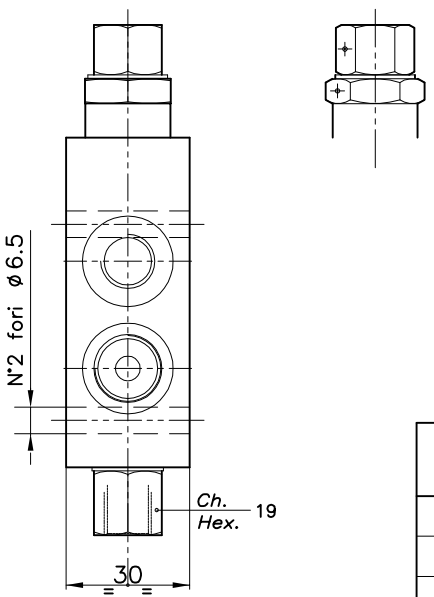
LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC-30-SE-VMP-14

REGOLAZIONE / *ADJUSTMENT* →



Grano *Dowel* (X) — Piombata *Sealed* (H)



Fori di pilotaggio ✱ *Pilot holes*	
ø0.5	A
ø0.7	B
ø0.9	C

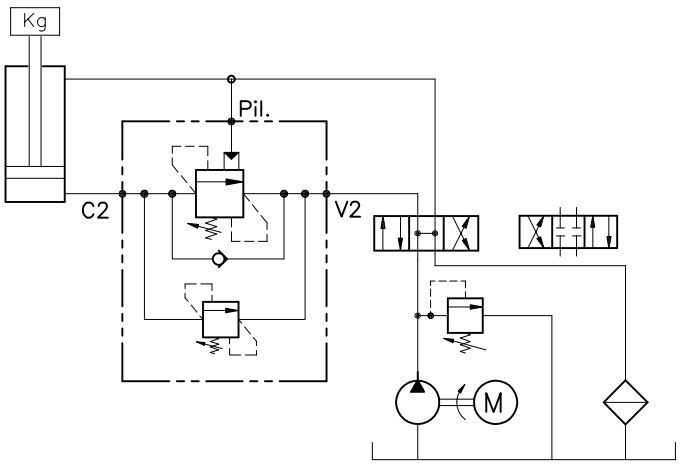
Regolazione ✱ *Adjustment*	
Grano *Dowel*	X
Piombata *Sealed*	H

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 280 bar (Colore verde) *Setting range 30 ÷ 280 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*					Attacchi *Port size* V2–C2 Pil. GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 250 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (––)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)						
OWC-30-SE-VMP-14-✱-✱	624							1/4"	6	25– *6*

0	0	1				0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

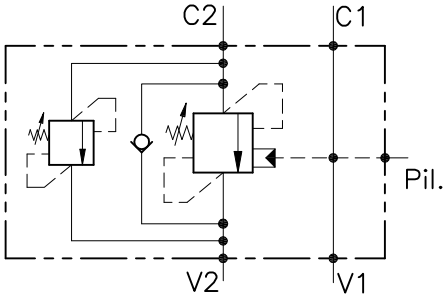


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO IN LINEA. SERIE "OWC–30"

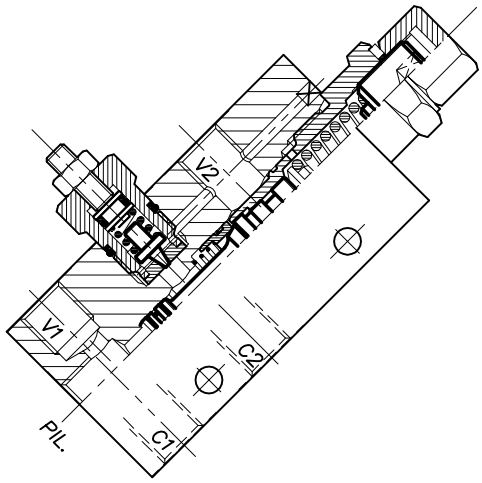
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–30–SE–VMP–14–L

SCHEMA DI FUNZIONAMENTO

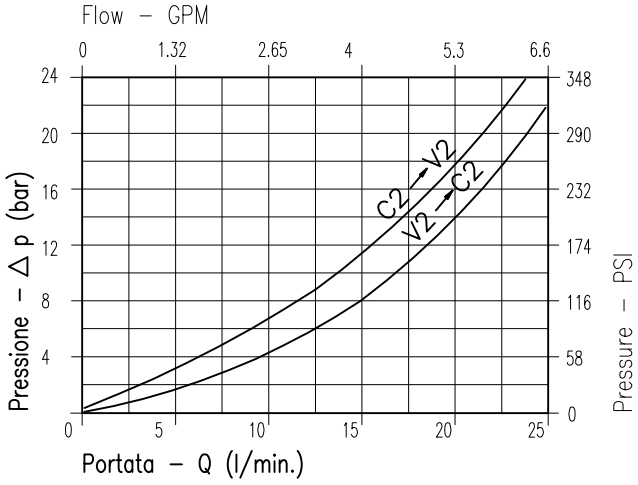


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	3 / 6
Portata min/max *Min/max flow–rate*	l/min–GPM	1/25 – 0.15/6.6
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4 ÷ 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	76 ÷ 82
Peso *Weight*	Kg	0.300



Viscosita' olio 46 cSt a 50 °C
Oil viscosity 46 cSt at 50 °C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

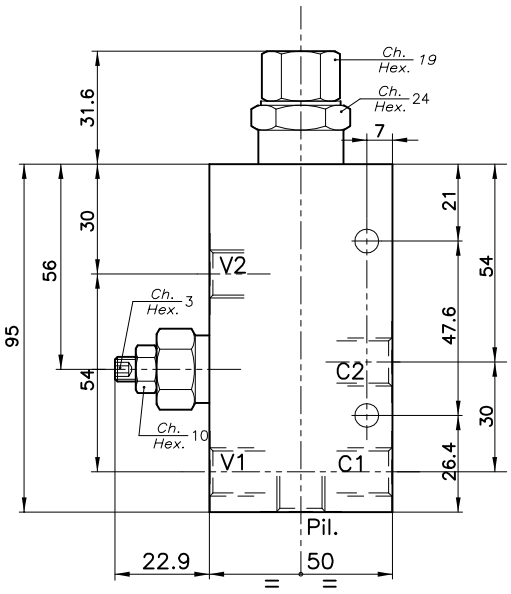
LUEN *HYDRAULIC VALVES AND INTEGRATED COMPONENTS* s.r.l. *ITALY*

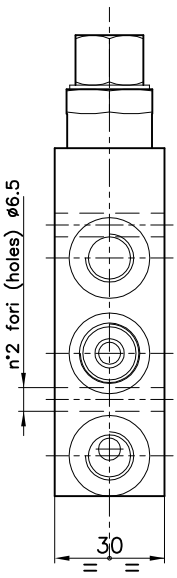
OWC–30–SE–VMP–14–L

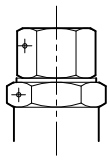
REGOLAZIONE *ADJUSTMENT* →

Grano *Dowel* **(X)**

Piombata *Sealed* **(H)**







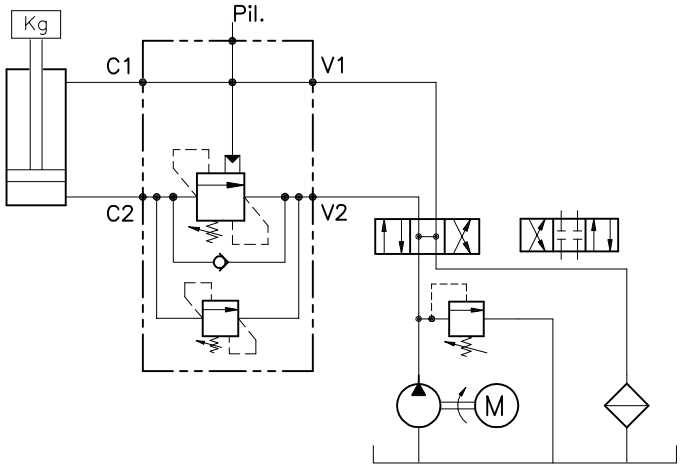
Regolazione ✱ *Adjustment*	
Grano *Dowel*	X
Piombata *Sealed*	H

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 280 bar (Colore verde) *Setting range 30 ÷ 280 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	R	S	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 250 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (––)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (––)							
OWC–30–SE–VMP–14–L–✱	625								1/4"	6	25–*6*

0	0	1			0		0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

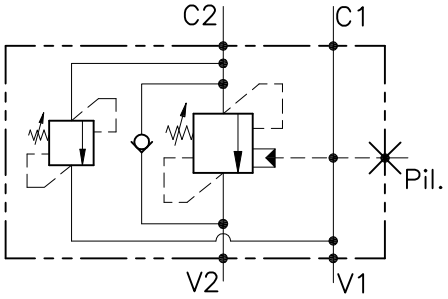


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO IN LINEA CON VALVOLA DI SOVRAPRESSIONE. SERIE "OWC–30"

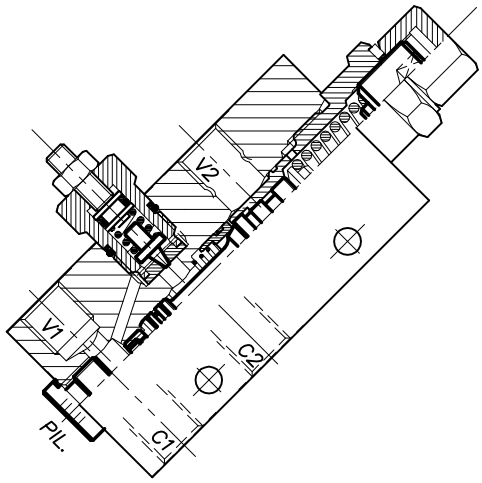
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–30–SE–VMP–14–L–PS

SCHEMA DI FUNZIONAMENTO

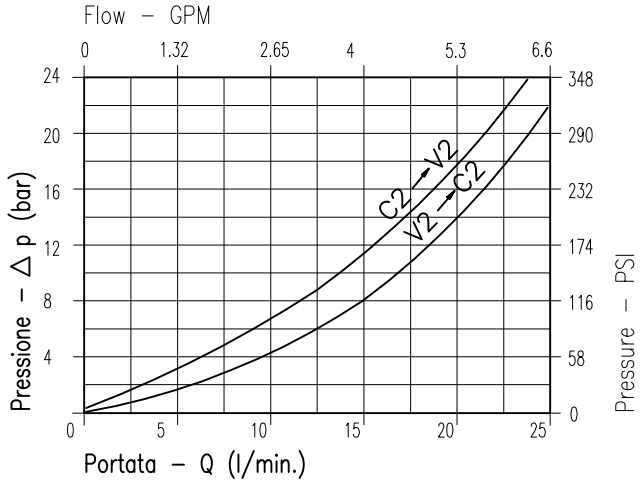


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	3 / 6
Portata min/max *Min/max flow–rate*	l/min–GPM	1/25 – 0.15/6.6
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4 ÷ 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	76 ÷ 82
Peso *Weight*	Kg	0.300



Viscosita' olio 46 cSt a 50 °C
Oil viscosity 46 cSt at 50 °C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

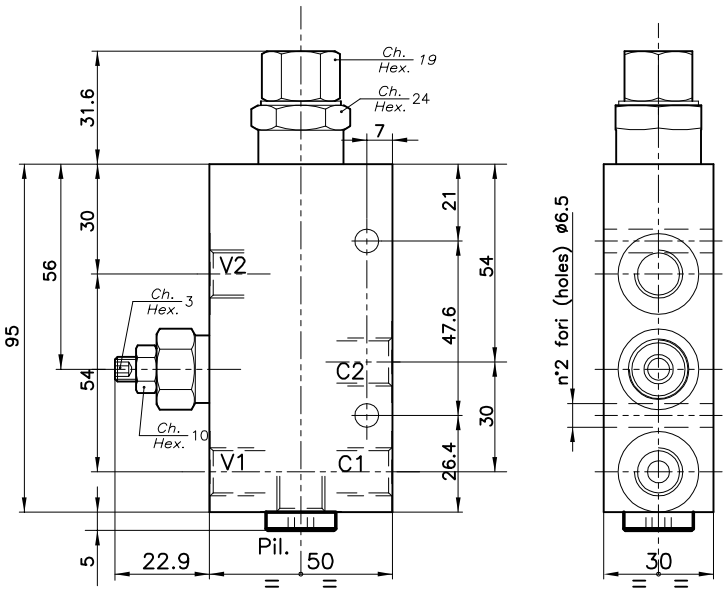
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC-30-SE-VMP-14-L-PS

REGOLAZIONE
ADJUSTMENT

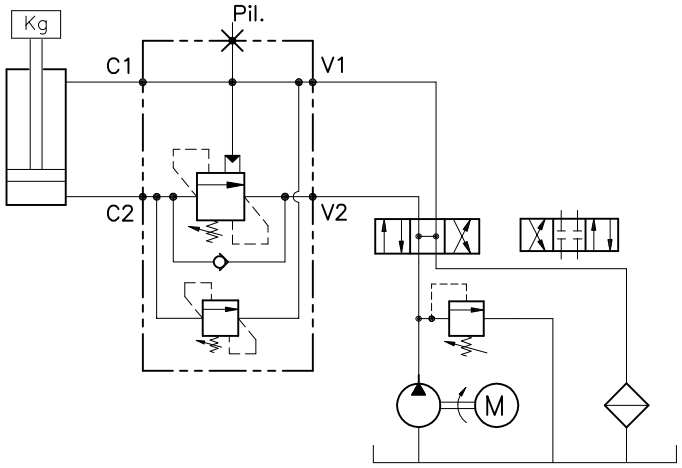
Grano
Dowel
(X)



SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 280 bar (Colore verde) *Setting range 30 ÷ 280 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	R	S	Attacchi *Port size* V2-C2 V1-C1-Pil GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min- *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*							
	250 bar	(--)	350 bar	(--)							
OWC-30-SE-VMP-14-L-PS			705						1/4"	6	25-*6*

0	1	0	427	
CODICE ORDINAZIONE *ORDERING CODE*				

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

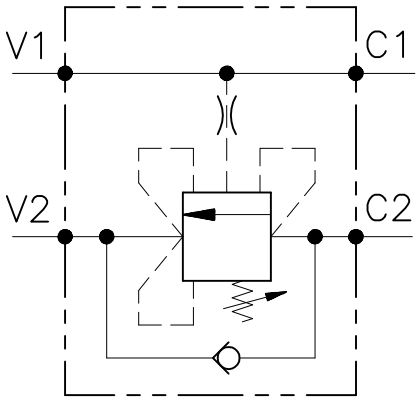


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO PER CIRCUITI A CENTRO CHIUSO, IN LINEA. "SERIE WBC–CC"

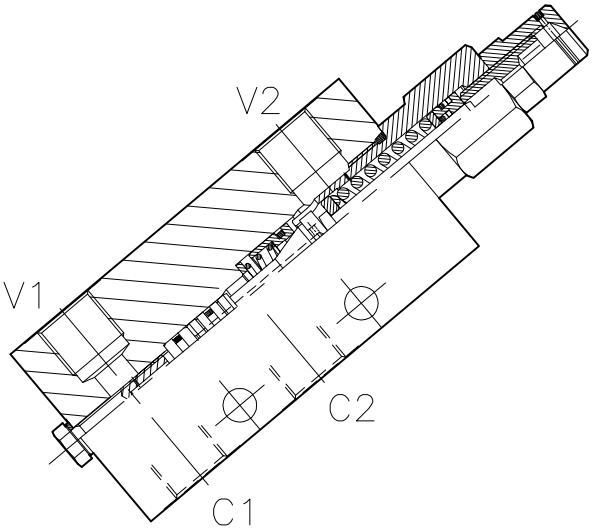
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

A–WB–CC–SE–...–L–...

SCHEMA DI FUNZIONAMENTO



CRITERI PROGETTUALI

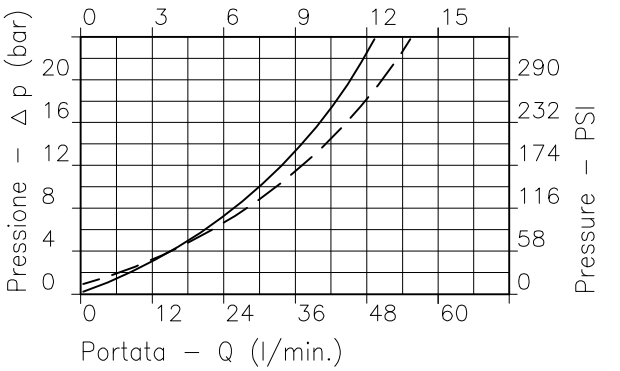


CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	6 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE

A–WB–CC–SE–38–L
A–WB–CC–SE–12–L



V2 — — C2 C2 ——— V2

Viscosita' olio 4°E a 50°C — Oil viscosity 46 cSt at 50°C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

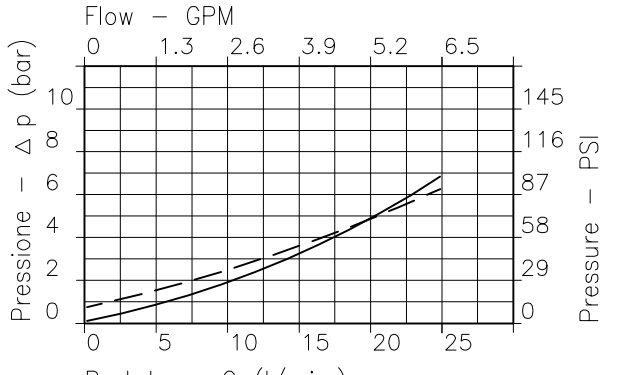
Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in acciaio.
A richiesta corpo in alluminio.

Steel body valves as standard, aluminium body on request.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE

A–WB–CC–SE–14–L



V2 — — C2 C2 ——— V2

Viscosita' olio 4°E a 50°C — Oil viscosity 46 cSt at 50°C

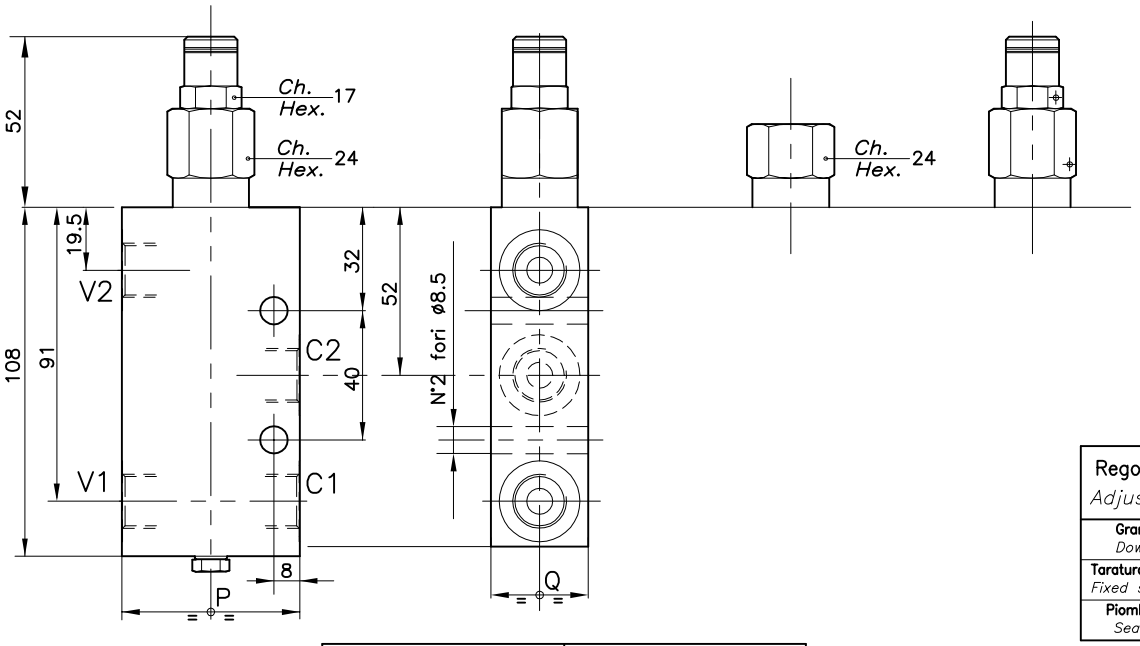
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

A–WB–CC–SE–...–L–...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X) — Taratura fissa *Fixed setting* (Z) — Piombata *Sealed* (H)



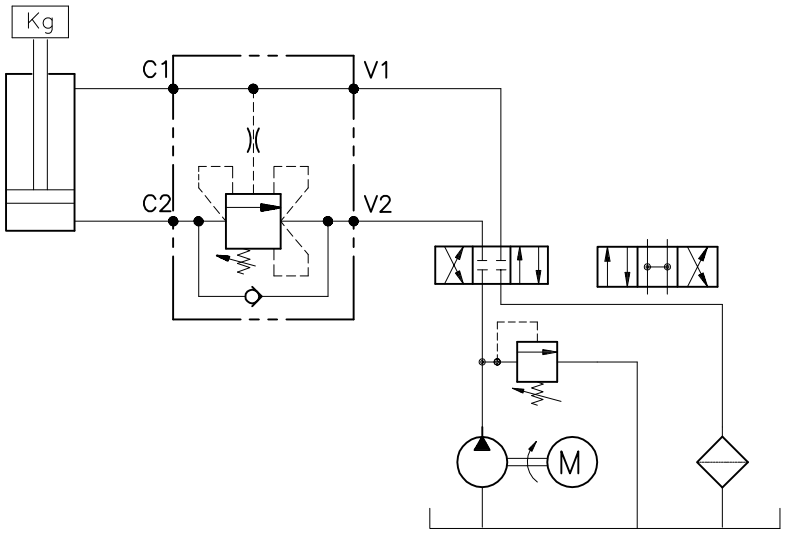
Regolazione *Adjustment* ✸	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 210 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)					
A–WB–CC–SE–14–L–✸	549		548		55	30	1/4"	6	20–*5*
A–WB–CC–SE–38–L–✸	446		447				3/8"	8	40–*10*
A–WB–CC–SE–12–L–✸	455		456		65	35	1/2"	10	60–*15*

0	0	1			0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

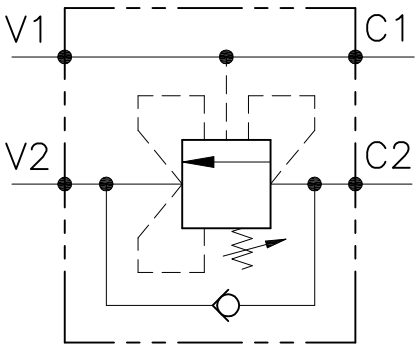


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, CON COLLETTORE IN LINEA. "SERIE OWC-100-CC"

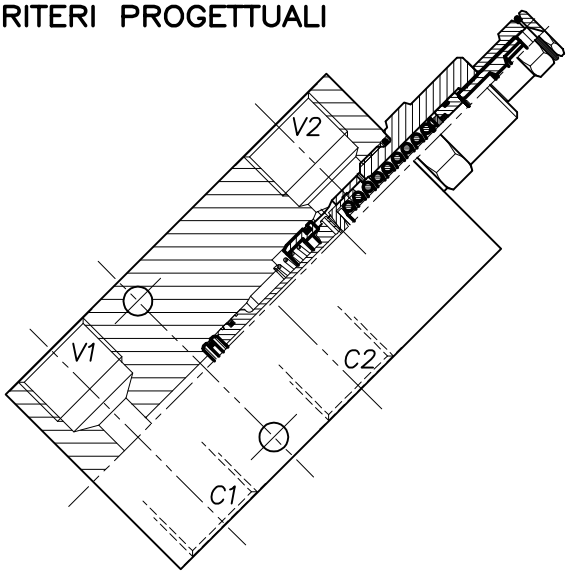
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC-SE-...-L-CC-...

SCHEMA DI FUNZIONAMENTO



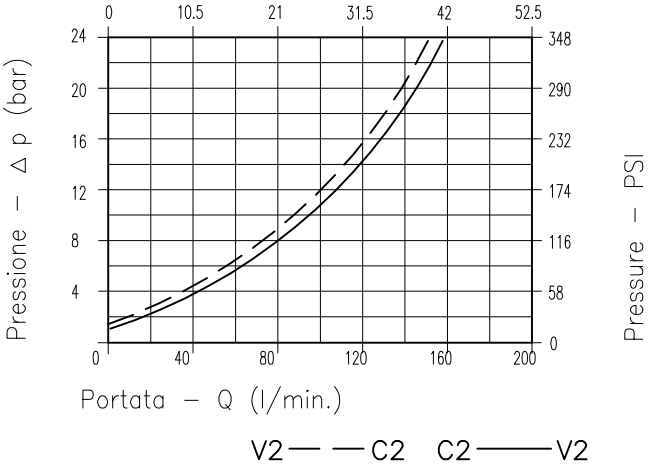
CRITERI PROGETTUALI



CARATTERISTICHE - *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	12 / 14
Portata min/max *Min/max flow-rate*	l/min-GPM	1/160 - 0.26/42.3
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		6.2 : 1
Temperatura ambiente *Room temperature*	°C	-30 +50
Temperatura olio *Oil temperature*	°C	-30 +80
Filtraggio consigliato *Filtration*	micron	30 ÷ 50
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C - Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

Aluminium body valves as standard, steel body on request.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

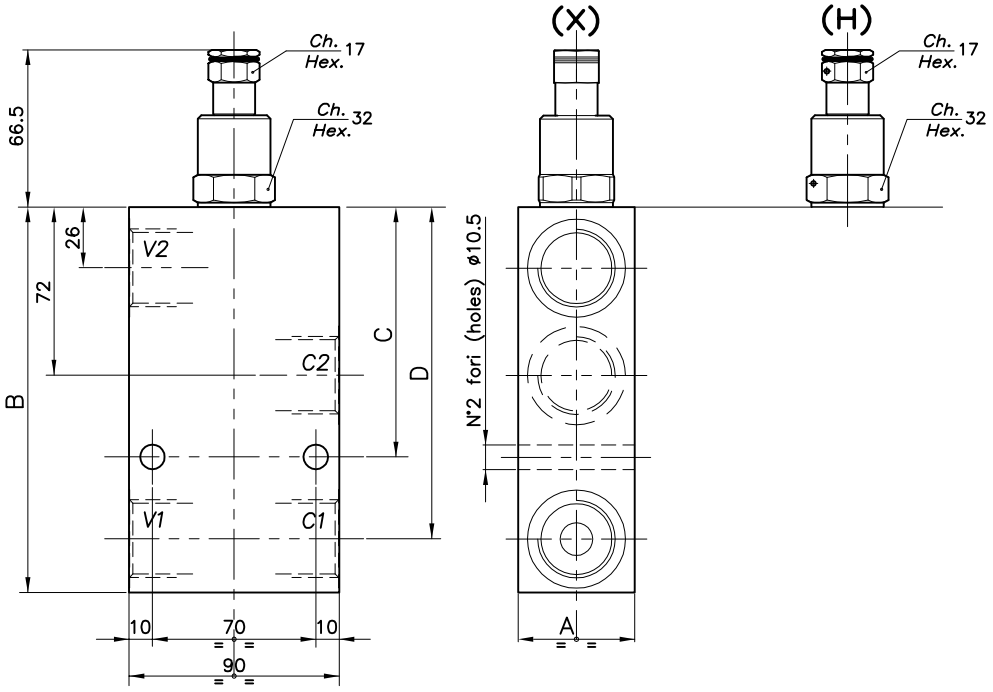
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–SE–...–L–CC–...

REGOLAZIONE
ADJUSTMENT

Grano
Dowel
(X)

Piombata
Sealed
(H)



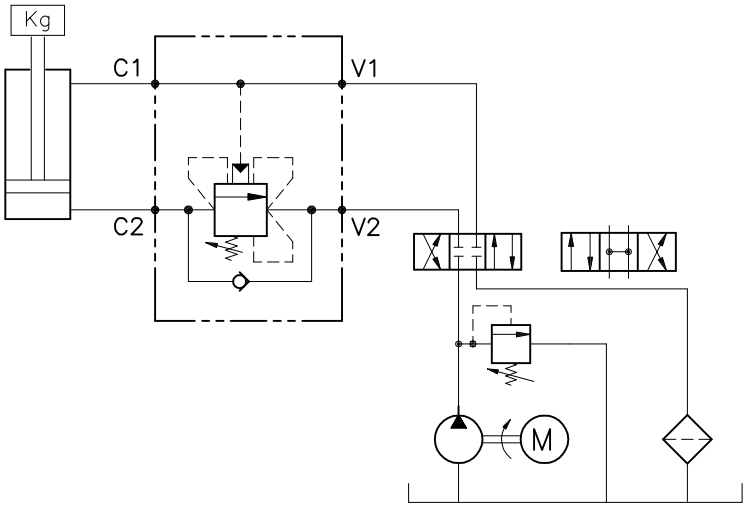
Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Piombata *Sealed*	H

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		A	B	C	D	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– GPM
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 170 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)							
OWC–SE–34–L–CC–✱	...		468		40	140	95	120	3/4"	12	120–*31*
OWC–SE–100–L–CC–✱	...		469		50	165	107	142	1"	14	160–*42*

0	0	1			0		0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

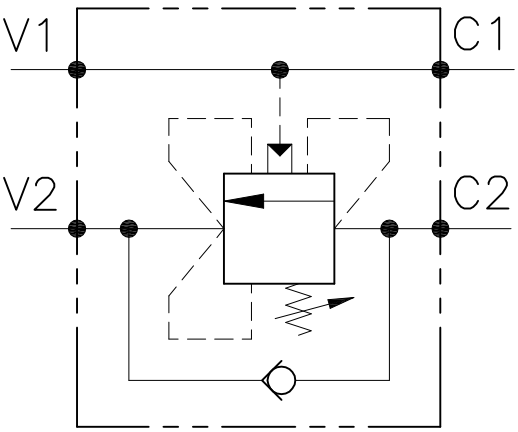


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO PER CIRCUITI A CENTRO CHIUSO, IN LINEA. "SERIE OWC–100–CC"

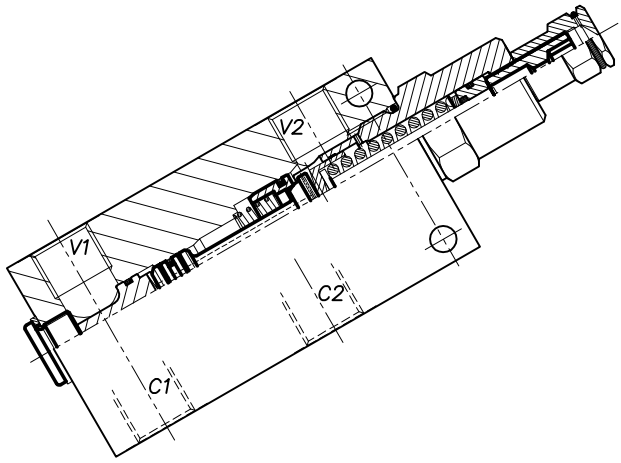
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–SE–100–CC–12–R8.5–...

SCHEMA DI FUNZIONAMENTO



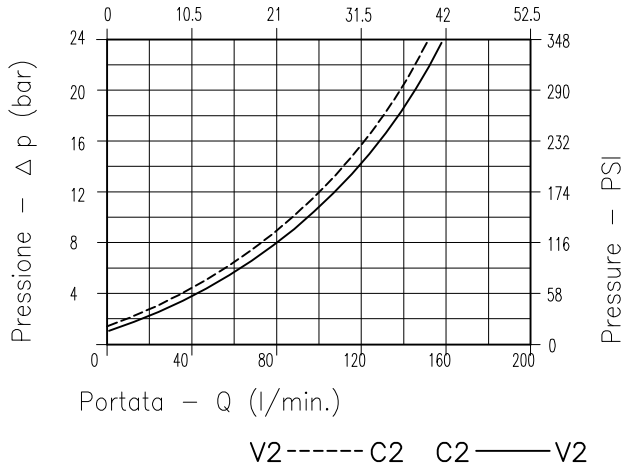
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	12
Portata min/max *Min/max flow–rate*	l/min–GPM	1/150 – 0.26/38
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		8.5 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30 ÷ 50
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

Aluminium body valves as standard, steel body on request.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

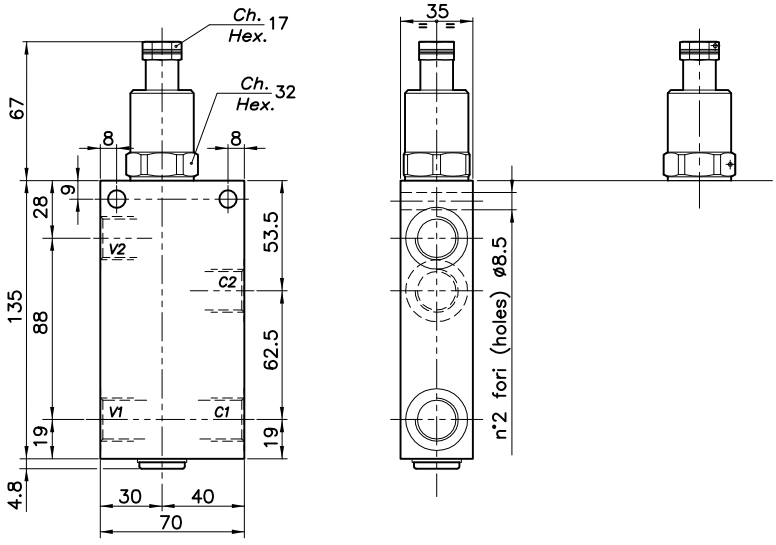
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC-SE-100-CC-12-R8.5-...

REGOLAZIONE *ADJUSTMENT* →

Grano *Dowel* **(X)**

Piombata *Sealed* **(H)**



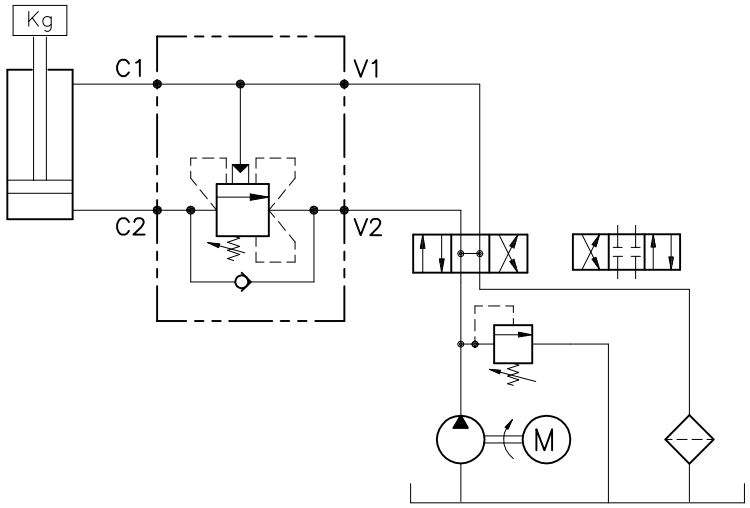
Regolazione *Adjustment*	
Grano *Dowel*	X
Piombata *Sealed*	H

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi *Port size* V2-C2 V1-C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min- *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 210 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 280 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)			
OWC-SE-100-CC-12-R8.5-✱			602		1/2"	12	150-*38*

0	0	1		0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

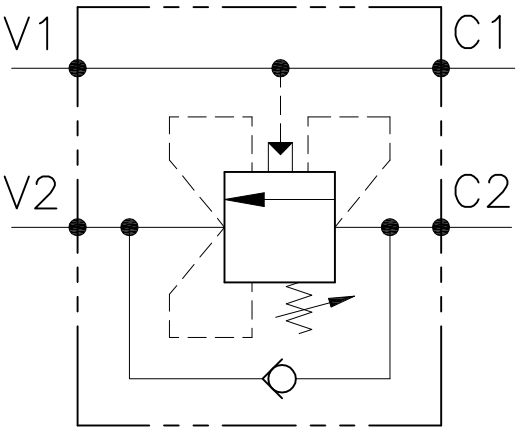


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO PER CIRCUITI A CENTRO CHIUSO, IN LINEA. "SERIE OWC–100–CC"

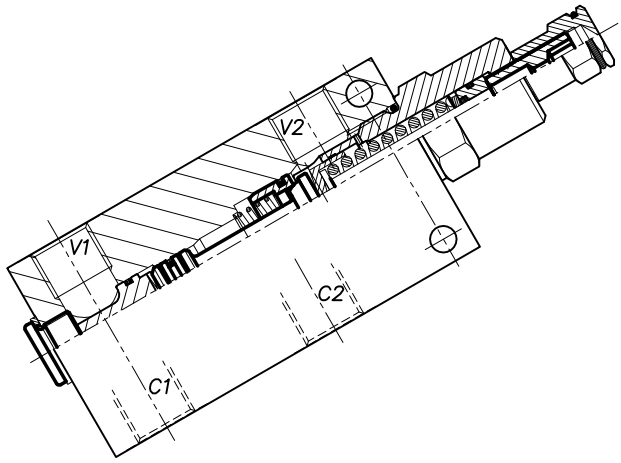
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–SE–100–CC–12–R8.5–Z

SCHEMA DI FUNZIONAMENTO



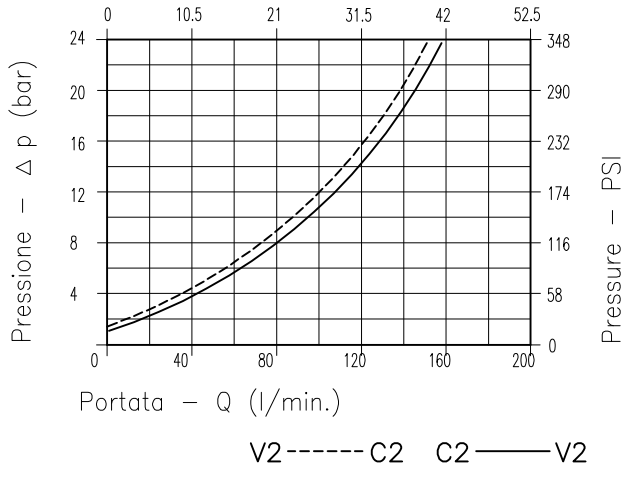
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	12
Portata min/max *Min/max flow–rate*	l/min–GPM	1/150 – 0.26/38
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		8.5 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30 ÷ 50
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$
Max working pressure

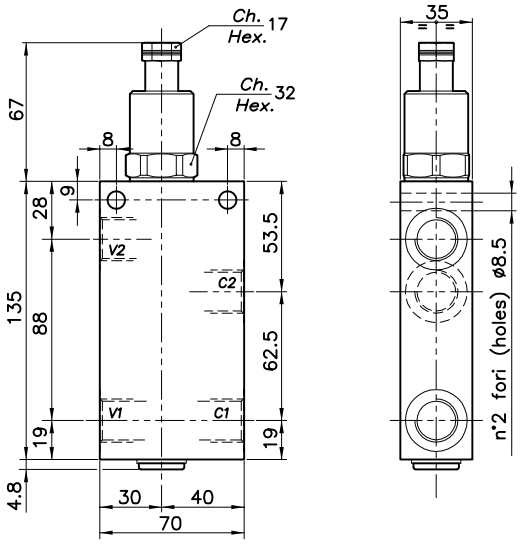
Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

Aluminium body valves as standard, steel body on request.

SOLUZIONI DI PRODUZIONE NECESSARIE
PER LA SCELTA DEL PRODOTTO
E RELATIVA DEFINIZIONE DEL
CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC-SE-100-CC-12-R8.5-Z

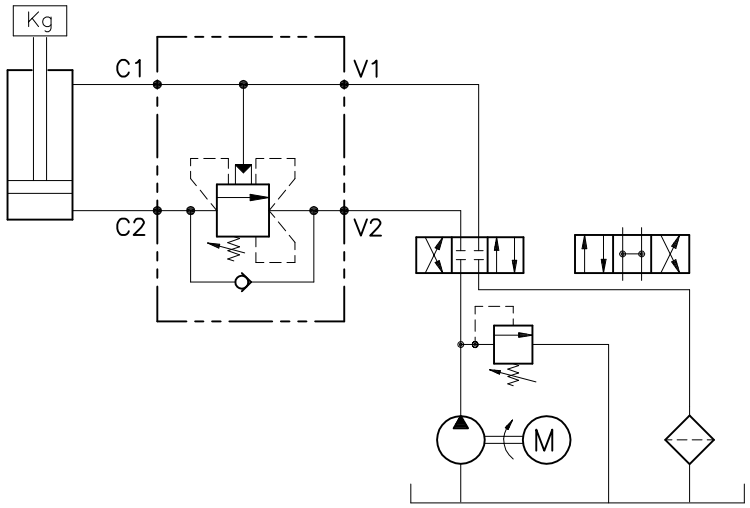


SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)* Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 210 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)* Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 280 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Attacchi *Port size* V2-C2 V1-C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min- *GPM*
OWC-SE-100-CC-12-R8.5-Z			602		1/2"	12	150-*38*

0	0	1			Z	0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

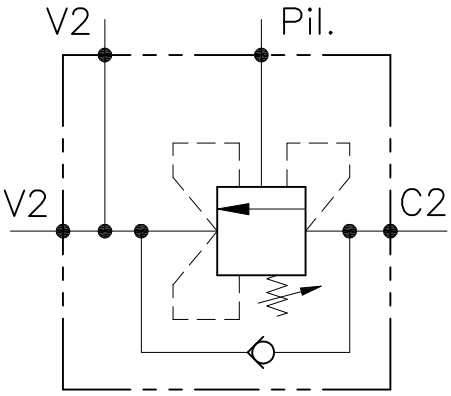


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO PER CIRCUITI CON FORTI CONTROPRESSIONI, FLANGIATA A BRUGOLA (B04).

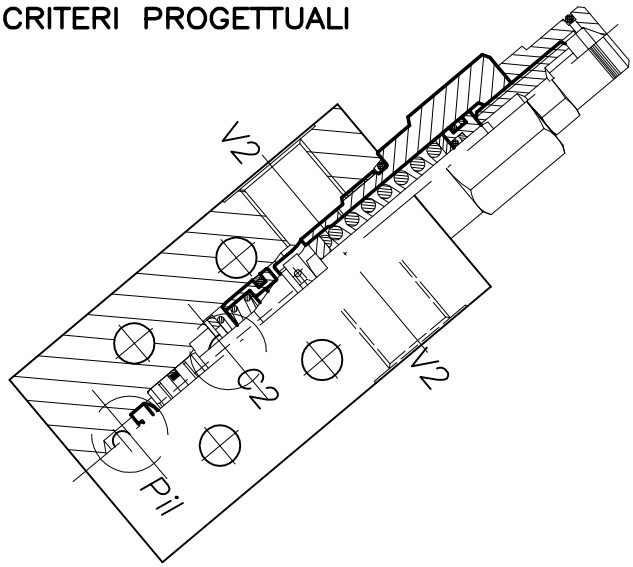
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB–CC–SE–B04–FC2–38–M8

SCHEMA DI FUNZIONAMENTO



CRITERI PROGETTUALI

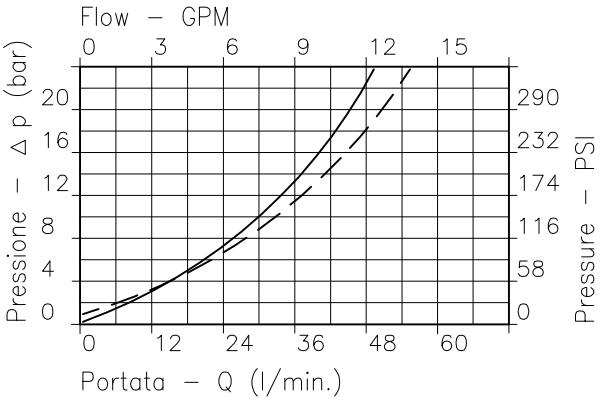


CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	6 / 8
Portata min/max *Min/max flow–rate*	l/min–GPM	1/40 – 0.26/10.6
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE

WB–CC–SE–B04–FC2–38–M8



Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

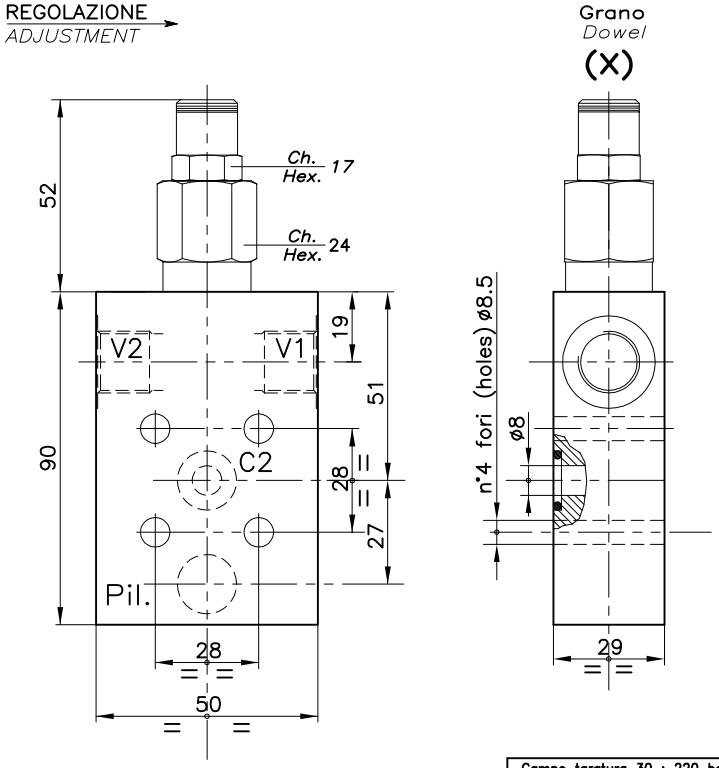
ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB–CC–SE–B04–FC2–38–M8

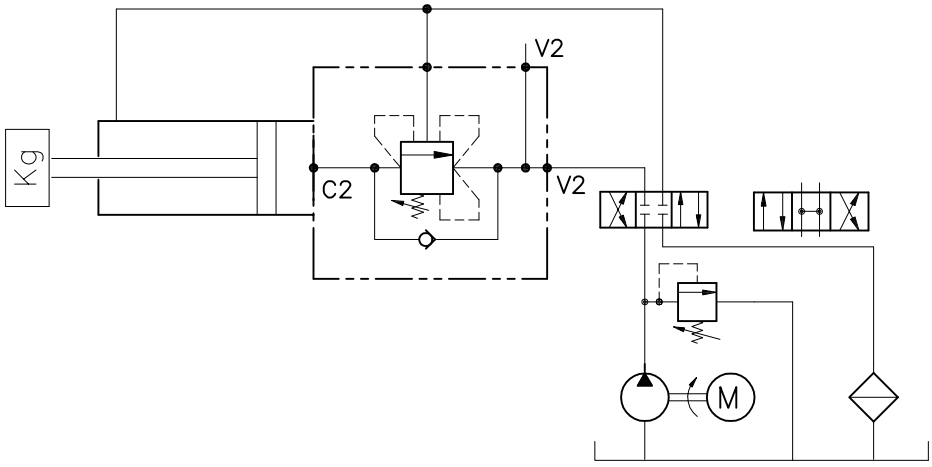


SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)* Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 210 bar	 Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)* Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	 Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Corpo *Body*	Attacchi *Port size* V2–V1 Pil. GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– *GPM*
WB–CC–SE–B04–FC2–38–M8	...		114		Acciaio *Steel*	3/8"	8	40–*10*

0	0	1			0	0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

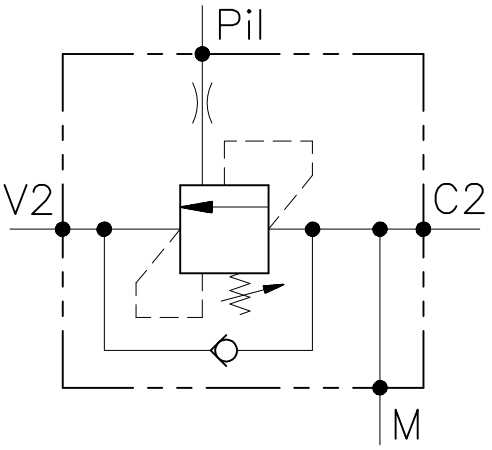


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, FLANGIATE (BULLONE). SERIE "OWC"

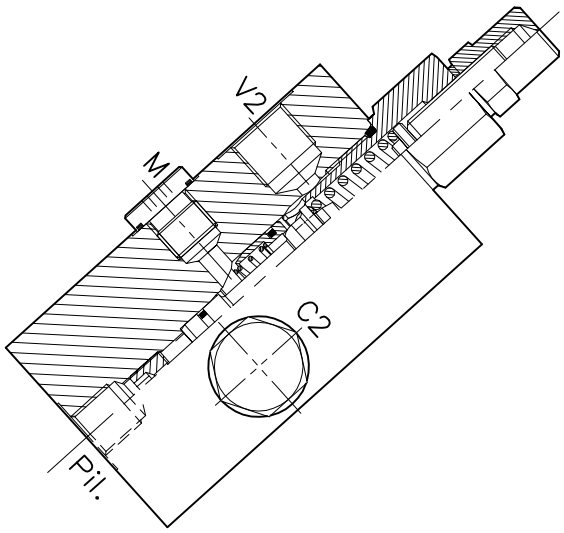
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–SE–...–14FCB–...–...

SCHEMA DI FUNZIONAMENTO



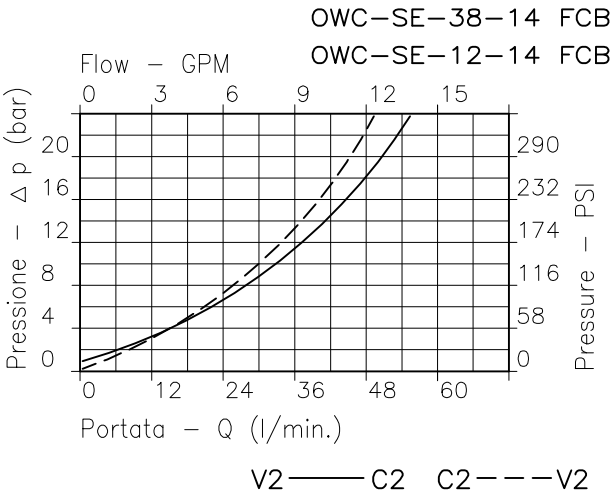
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C — Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

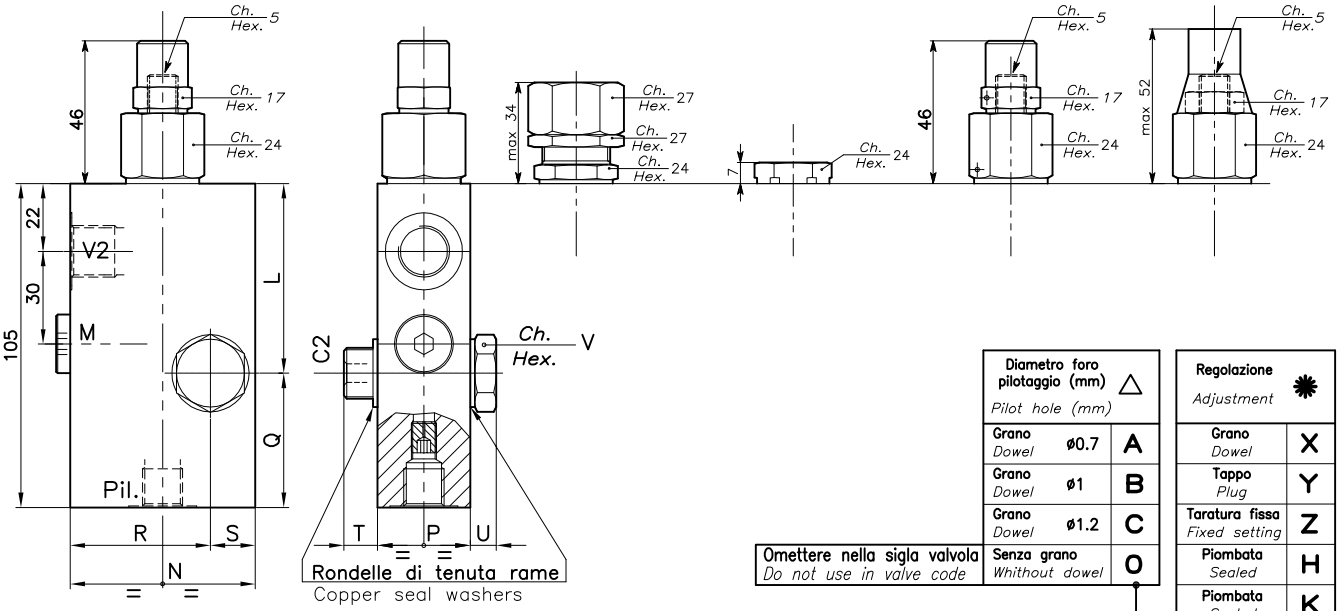
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC-SE-...-14FCB-...-...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X)	Tappo *Plug* (Y)	Taratura fissa *Fixed setting* (Z)	Piombata *Sealed* (H)	Piombata *Sealed* (K)



Diametro foro pilotaggio (mm) △ *Pilot hole (mm)*		
Grano *Dowel*	ø0.7	A
Grano *Dowel*	ø1	B
Grano *Dowel*	ø1.2	C
Senza grano *Whithout dowel*		O

Omettere nella sigla valvola / *Do not use in valve code*

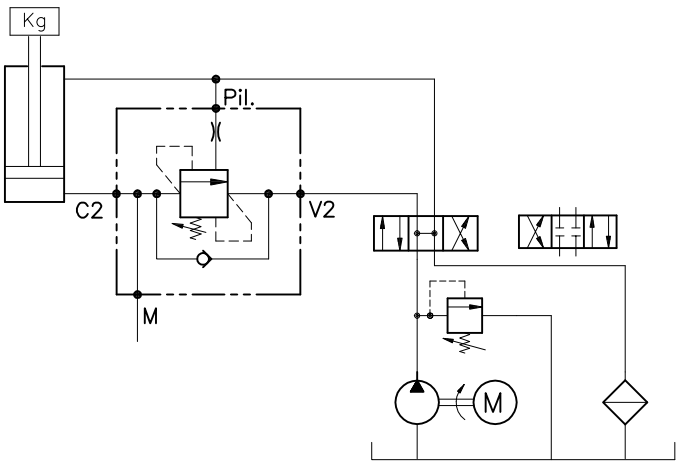
Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Tappo *Plug*	Y
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		L	N	P	Q	R	S	T	U	V	Attacchi *Port size* V2-C2 GAS (BSPP)	Attacchi *Port size* M-Pil. GAS (BSPP)	Portata max *Max flow-rate* l/min– GPM
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 210 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)												
OWC-SE-38-14FCB-△-✱	609		610		61.5	60	29.5	43.5	46	14	12	8	22	3/8"	1/4"	40–10
OWC-SE-12-14FCB-△-✱	611		612		63	70	34.5	42	55	15			27	1/2"	1/4"	60–15

0	0	1						0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

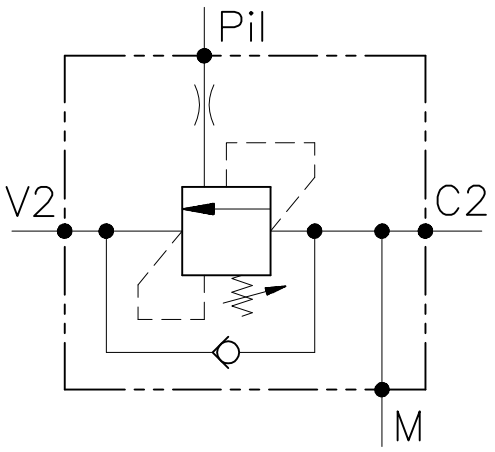


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, FLANGIATE (BULLONE). SERIE "OWC"

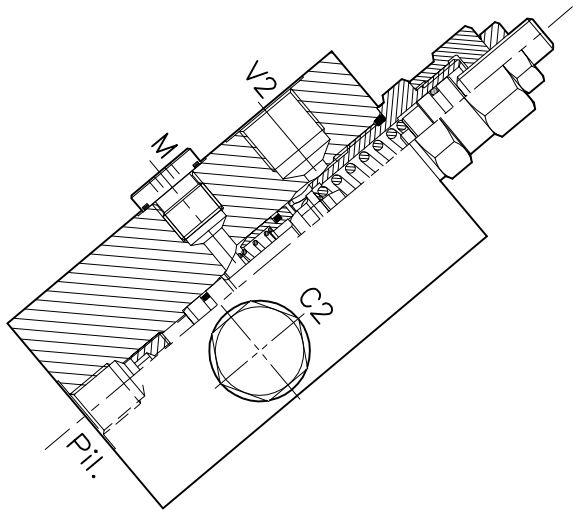
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB–SE–...–14FCB–...–...

SCHEMA DI FUNZIONAMENTO



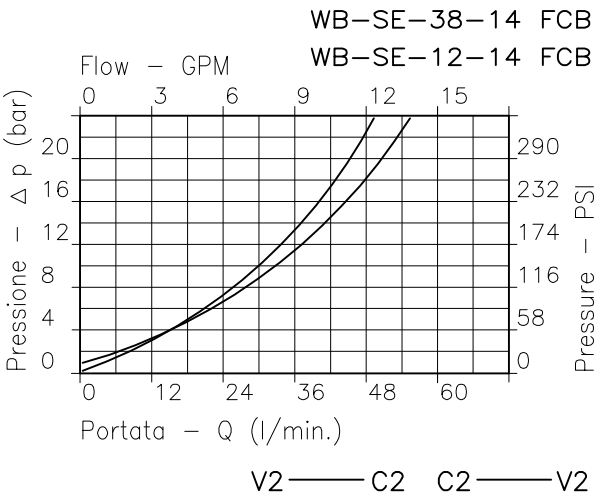
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 4°E a 50°C — Oil viscosity 46 cSt at 50°C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

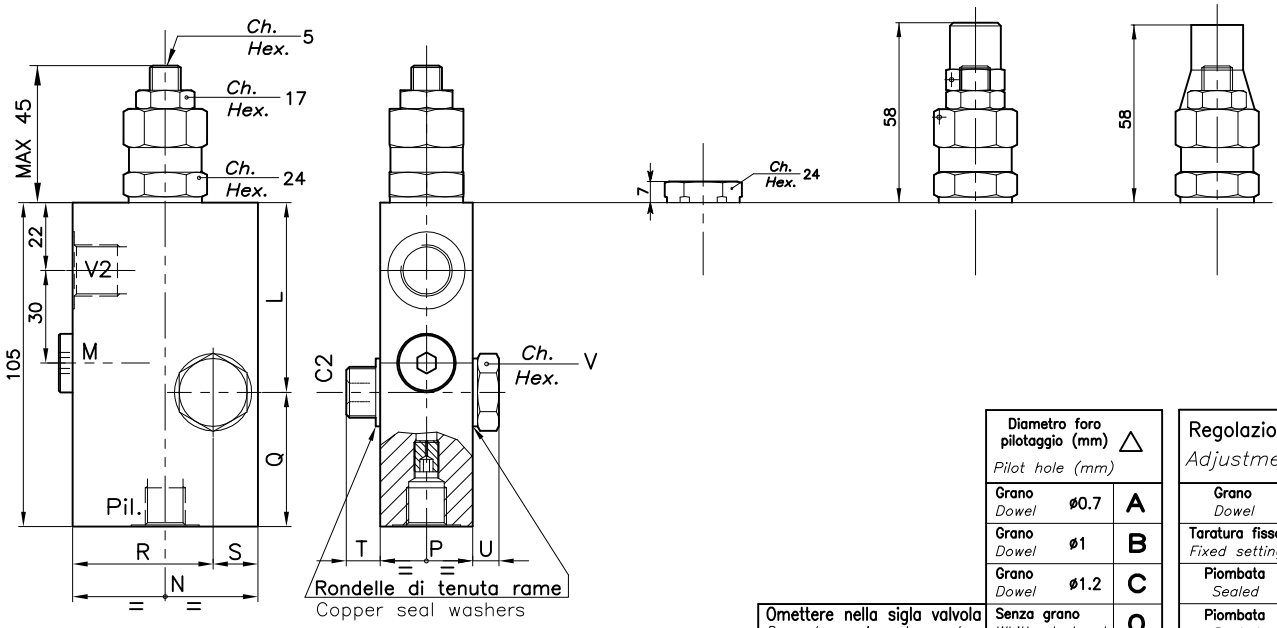
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB-SE-...-14FCB-...-...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X) — Taratura fissa *Fixed setting* (Z) — Piombata *Sealed* (H) — Piombata *Sealed* (K)



Diametro foro pilotaggio (mm) △ *Pilot hole (mm)*		
Grano *Dowel*	ø0.7	A
Grano *Dowel*	ø1	B
Grano *Dowel*	ø1.2	C
Senza grano *Whithout dowel*		O

Omettere nella sigla valvola / Do not use in valve code

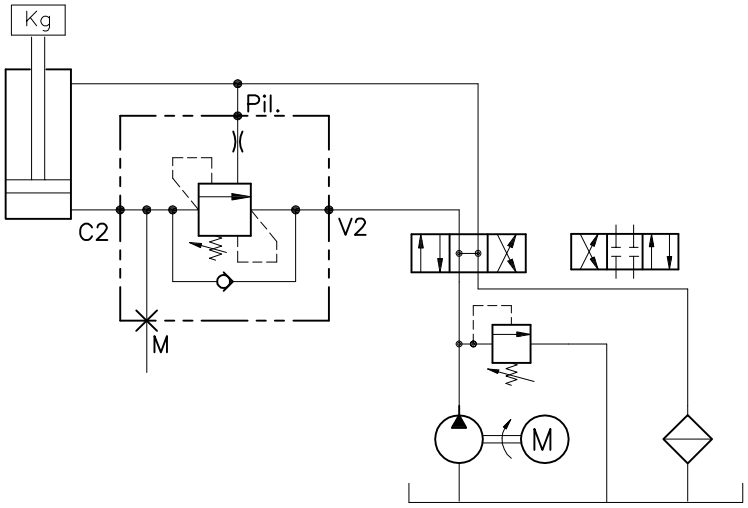
Regolazione ✸ *Adjustment*	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		L	N	P	Q	R	S	T	U	V	Attacchi *Port size* V2-C2 GAS (BSPP)	Attacchi *Port size* M-Pil. GAS (BSPP)	Portata max *Max flow-rate* l/min- GPM
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 210 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)												
WB-SE-38-14FCB-△-✸	613		614		61.5	60	29.5	43.5	46	14	12	8	22	3/8"	1/4"	40–10
WB-SE-12-14FCB-△-✸	615		616		63	70	34.5	42	55	15			27	1/2"	1/4"	60–15

0	0	1						0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

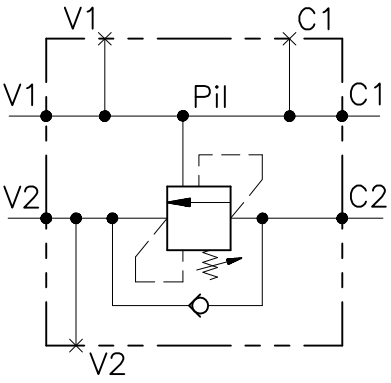


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, FLANGIATE (BULLONE). SERIE "WB"

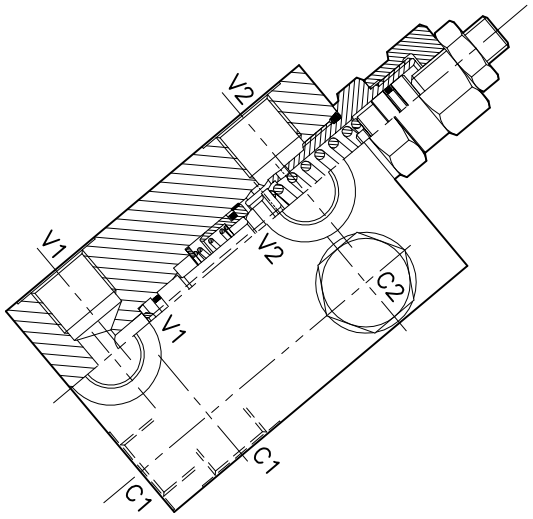
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB–SE–...FCB–...

SCHEMA DI FUNZIONAMENTO



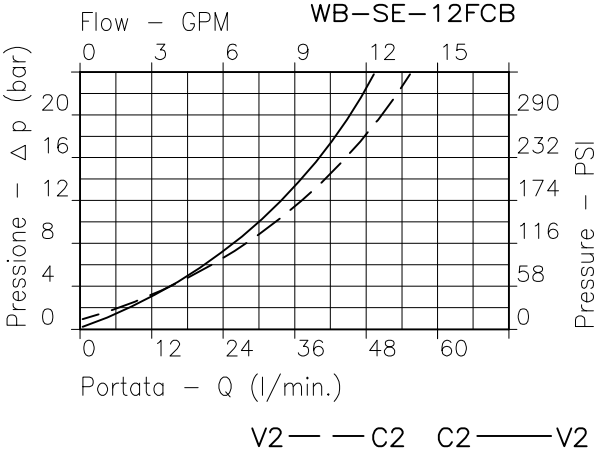
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	8/ 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

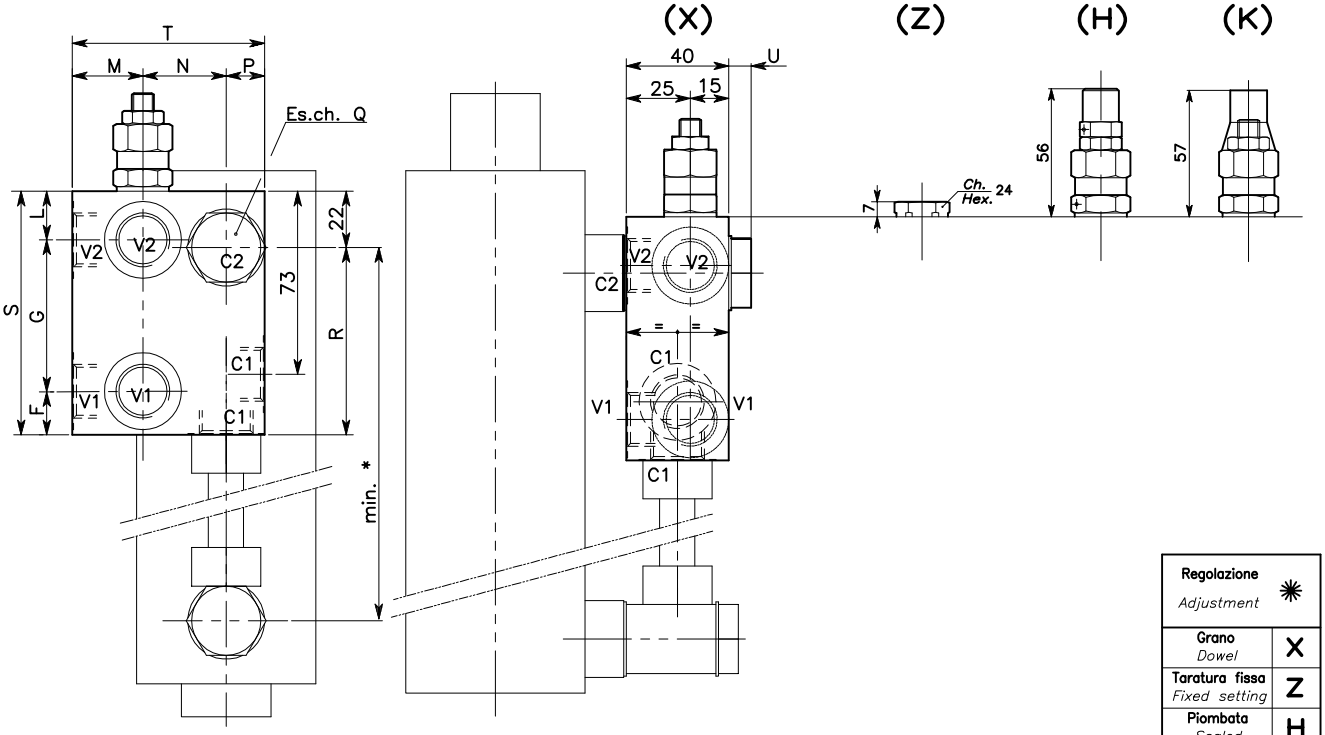
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WB/SE-...FCB-...

REGOLAZIONE / ADJUSTMENT →

Grano / Dowel	Taratura fissa / Fixed setting	Piombata / Sealed	Piombata / Sealed
(X)	(Z)	(H)	(K)



Regolazione / Adjustment	✱
Grano / Dowel	X
Taratura fissa / Fixed setting	Z
Piombata / Sealed	H
Piombata / Sealed	K

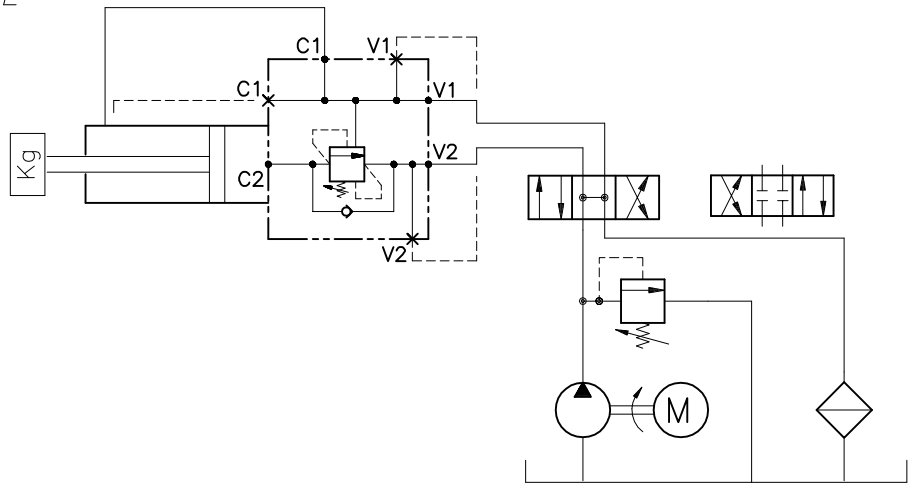
SIGLA VALVOLA / VALVE CODE	Campo taratura 30 ÷ 220 bar (Colore verde) / Setting range 30 ÷ 220 bar (Colour green)		Campo taratura 60 ÷ 350 bar (Colore giallo) / Setting range 60–÷ 350 bar (Colour yellow)		F	G	L	M	N	P	Q	R	S	T	U	V	Attacchi Port size V1–C1 V2–C2 GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow–rate l/min– GPM
	Taratura standard (Q=5 l/1') Std. bar setting (mode at 5 l/1')	Incr. press. bar giro/vite Press. increase bar/turn	Taratura standard (Q=5 l/1') Std. bar setting (mode at 5 l/1')	Incr. press. bar giro/vite Press. increase bar/turn															
	210 bar	(56)	350 bar	(138)															
WB/SE-38FCB-✱			284		16	53	21	25	27	13	22	68	90	65	9	11	3/8"	8	40–10
WB/SE-12FCB-✱			285		16	60	19	27	32	16	27	73	95	75	10	16	1/2"	10	60–15

0	0	1				0		0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO

TYPICAL CIRCUIT EXAMPLE

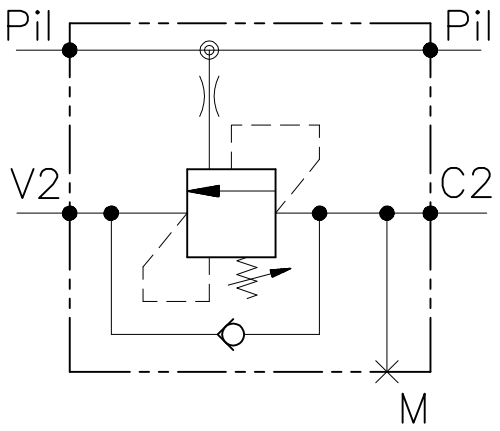


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, FLANGIATE (BULLONE). SERIE "OWC"

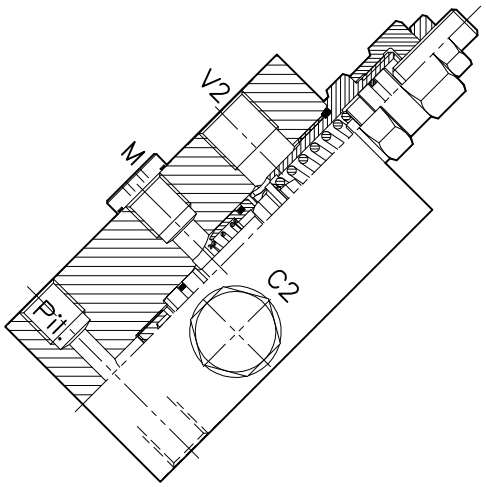
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB–SE–38–14FCB–PL–...

SCHEMA DI FUNZIONAMENTO



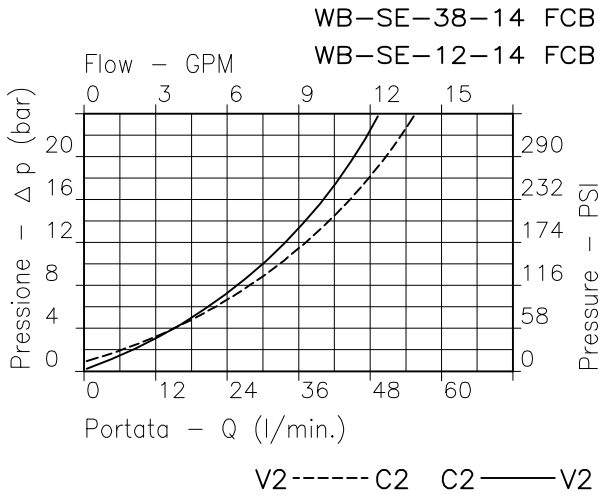
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

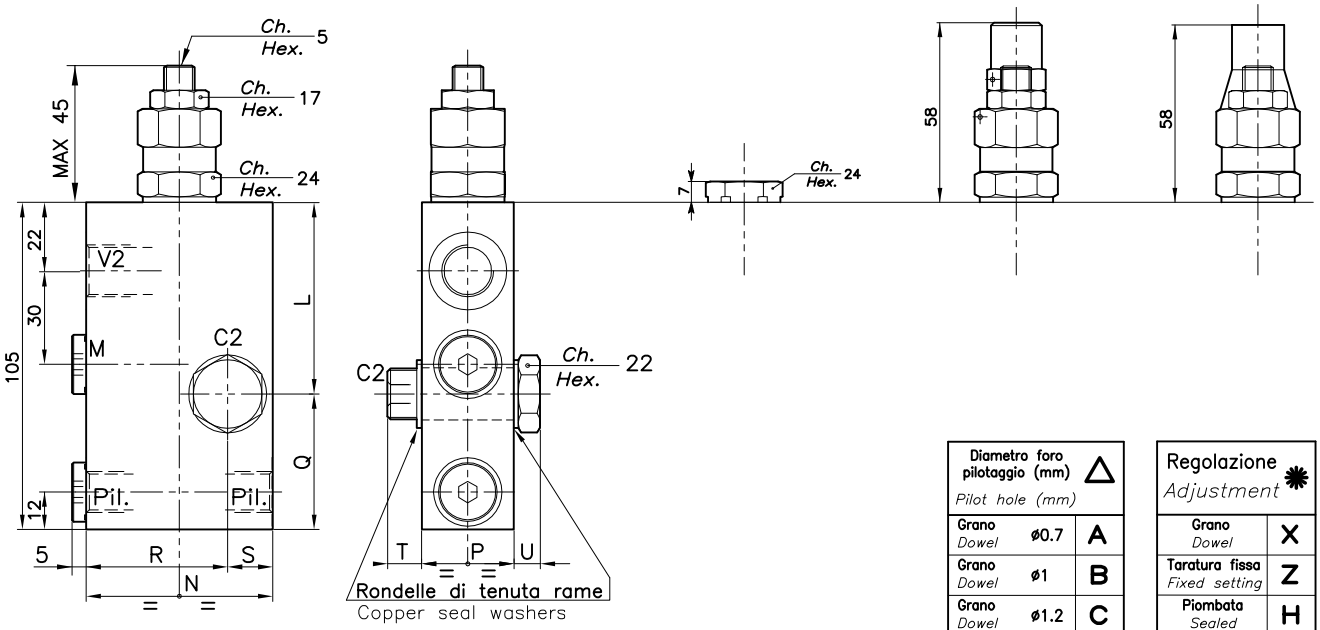
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WB-SE-38-14FCB-PL-...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X)	Taratura fissa *Fixed setting* (Z)	Piombata *Sealed* (H)	Piombata *Sealed* (K)



Diametro foro pilotaggio (mm) *Pilot hole (mm)*	Δ
Grano *Dowel* ø0.7	A
Grano *Dowel* ø1	B
Grano *Dowel* ø1.2	C
Omettere nella sigla valvola *Do not use in valve code* — Senza grano *Whithout dowel*	O

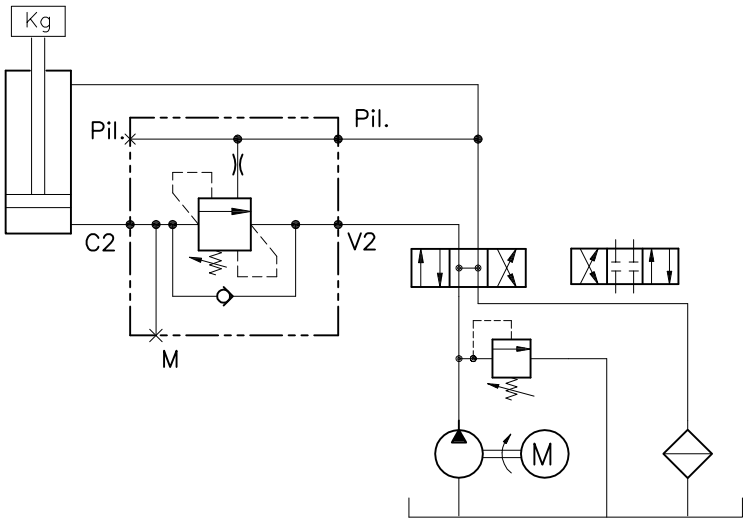
Regolazione *Adjustment*	✱
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 60 ÷ 350 bar (Colore gialla) *Setting range 60 ÷ 350 bar (Colour yellow)* — Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 270 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (120)	L	N	P	Q	R	S	T	U	V	Attacchi *Port size* V2-C2 GAS *(BSPP)*	Attacchi *Port size* M-Pil. GAS *(BSPP)*	Portata max *Max flow-rate* l/min- *GPM*
WB-SE-38-14FCB-PL- Δ-✱	119		61.5	60	29.5	43.5	46	14	12	8	22	3/8"	1/4"	40-*10*

0	0	1						0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

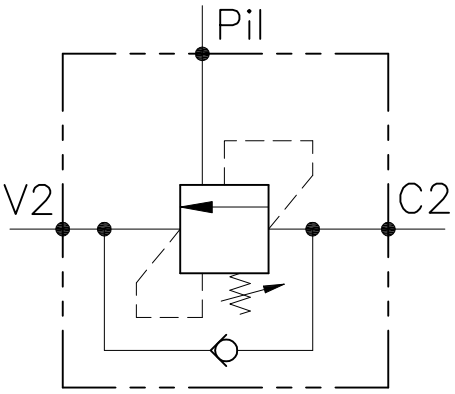


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, FLANGIATE (BULLONE). SERIE "OWC"

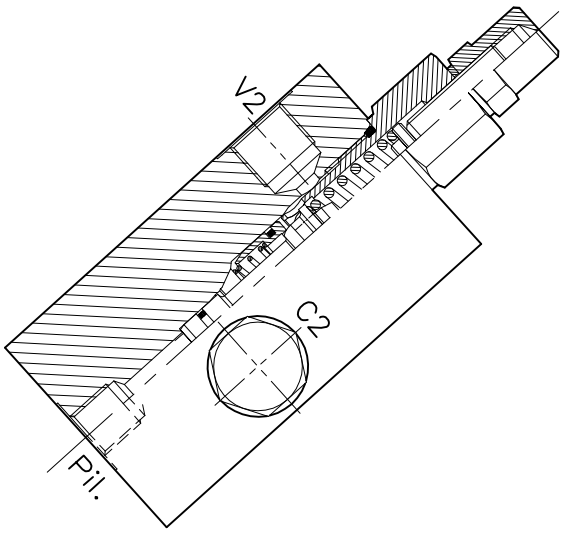
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–SE–...–14FCB–...

SCHEMA DI FUNZIONAMENTO



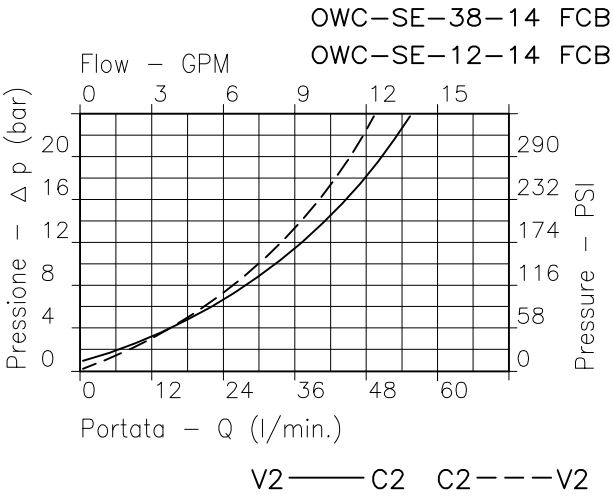
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C — Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

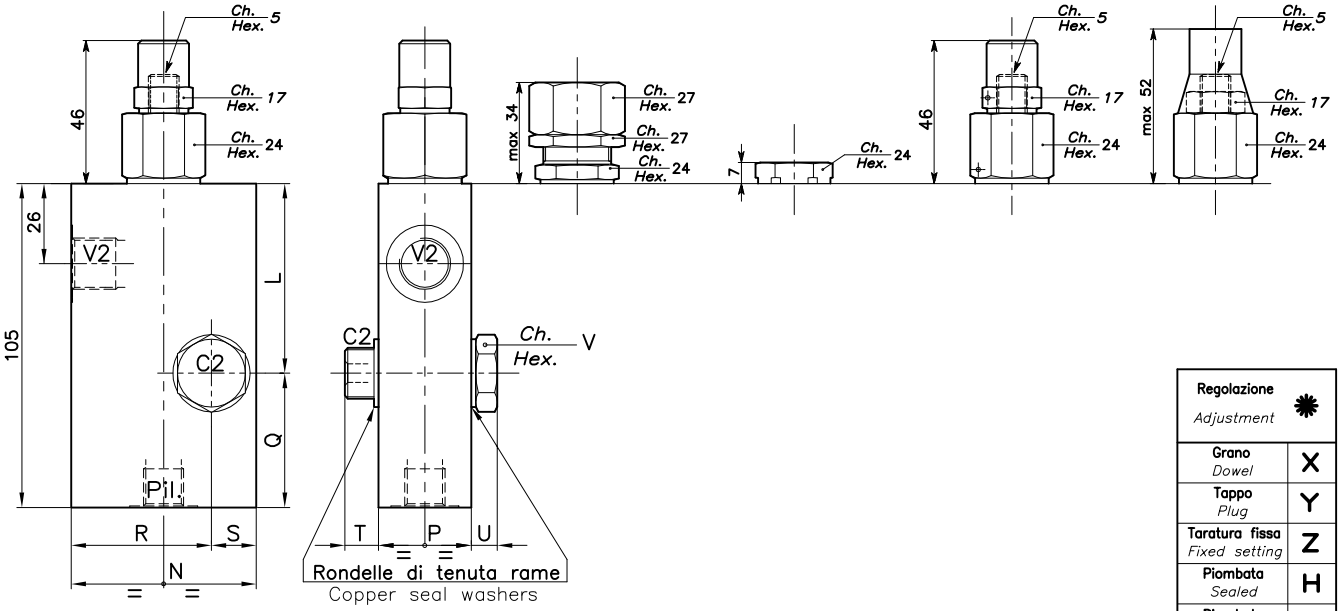
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC-SE-...-14FCB-...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X)	Tappo *Plug* (Y)	Taratura fissa *Fixed setting* (Z)	Piombata *Sealed* (H)	Piombata *Sealed* (K)



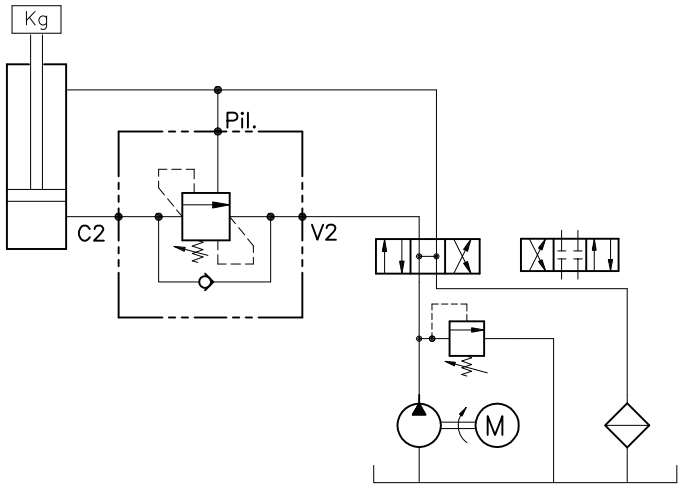
Regolazione *Adjustment*	✱
Grano *Dowel*	X
Tappo *Plug*	Y
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		L	N	P	Q	R	S	T	U	V	Attacchi *Port size* V2-C2 GAS *(BSPP)*	Attacchi *Port size* Pil. GAS *(BSPP)*	Portata max *Max flow-rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 210 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)												
OWC-SE-38-14FCB-✱	071		024		61.5	60	29.5	43.5	45.5	14.5	12	8	22	3/8"	1/4"	40–*10*
OWC-SE-12-14FCB-✱	073		030		63	70	34.5	42	55	15			27	1/2"	1/4"	60–*15*

0	0	1					0		0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

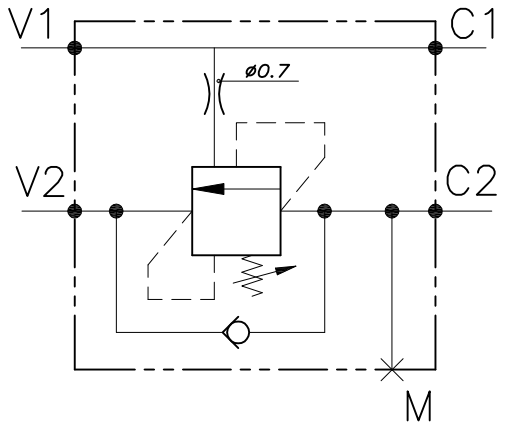


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, FLANGIATA (BULLONE). SERIE "WB"

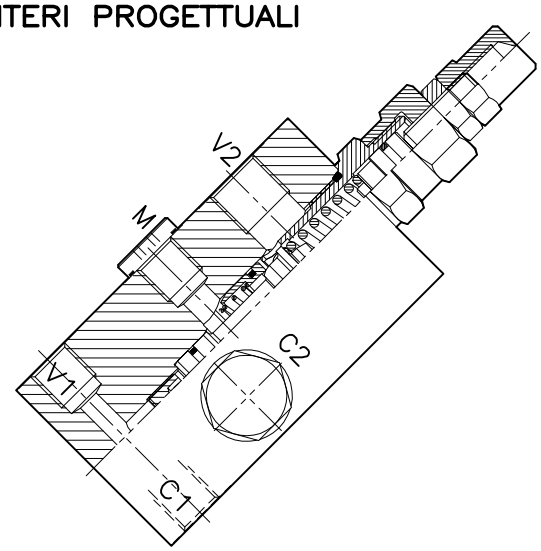
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB–SE–38–L–14FCB

SCHEMA DI FUNZIONAMENTO



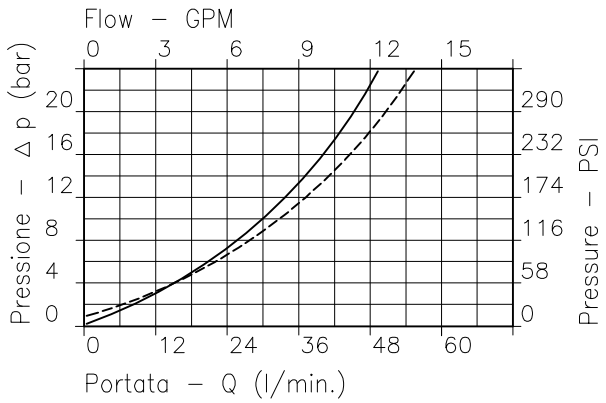
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata min/max *Min/max flow–rate*	l/min–GPM	1/40 – 0.26/10
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 ÷ 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

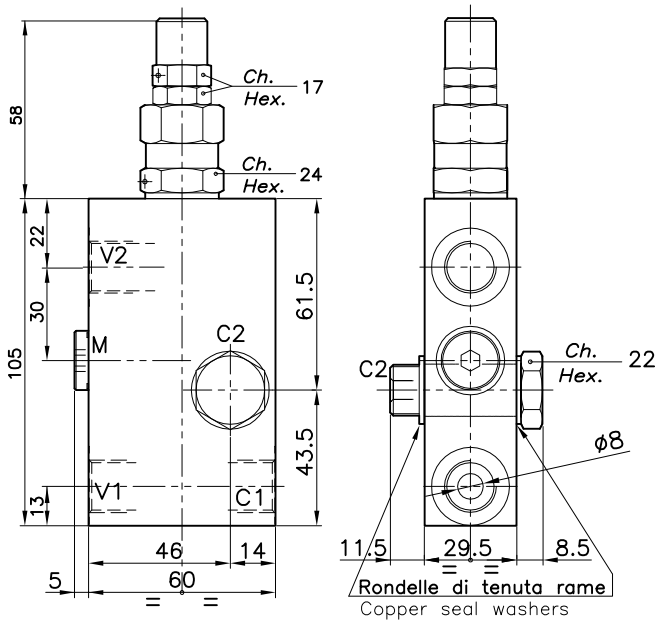
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB–SE–38–L–14FCB

REGOLAZIONE
ADJUSTMENT

Piombata
Sealed
(H)

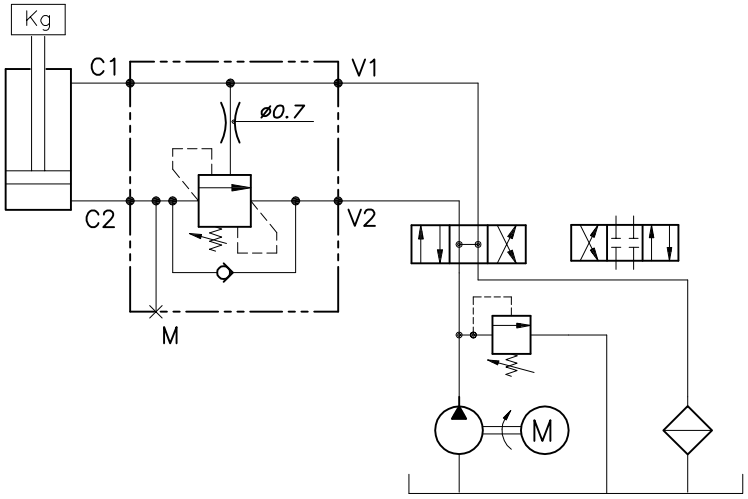


SIGLA VALVOLA *VALVE CODE*	Campo taratura 60 ÷ 350 bar (Colore gialla) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Attacchi *Port size* M GAS *(BSPP)*	Portata max *Max flow-rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 270 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (120)			
WB–SE–38–L–14FCB	156		3/8"	1/4"	40–*10*

0	1	0				1	0	2

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

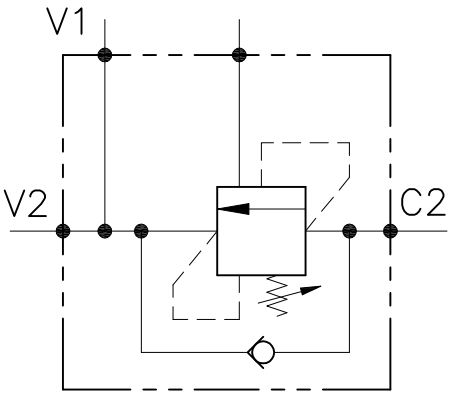


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, FLANGIATA A BRUGOLA (B04).

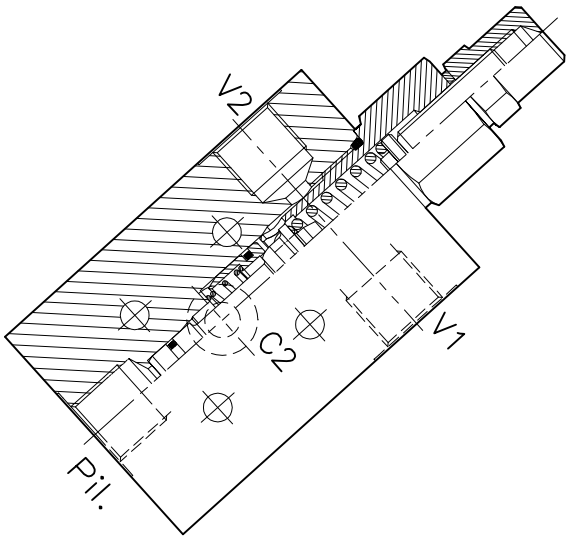
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

...–OWC–SE–...–FC1–B04–...

SCHEMA DI FUNZIONAMENTO



CRITERI PROGETTUALI

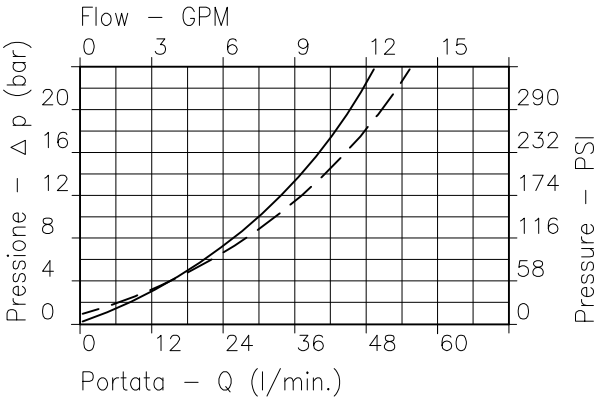


CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	6 / 8
Portata min/max *Min/max flow–rate*	l/min–GPM	1/40 – 0.26/10.6
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE

OWC–SE–38–FC1–B04



V2— —C2 C2——V2

Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

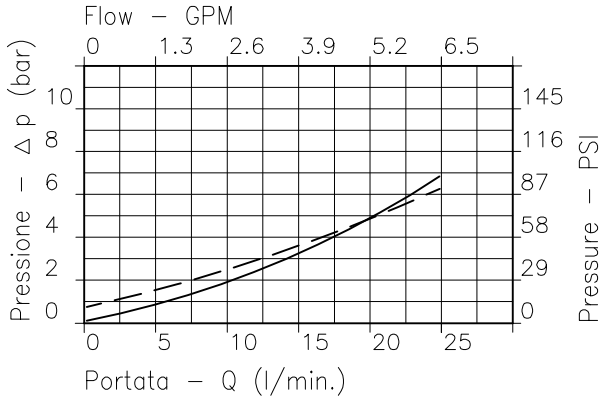
Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE

OWC–SE–14–FC1–B04



V2— —C2 C2——V2

Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

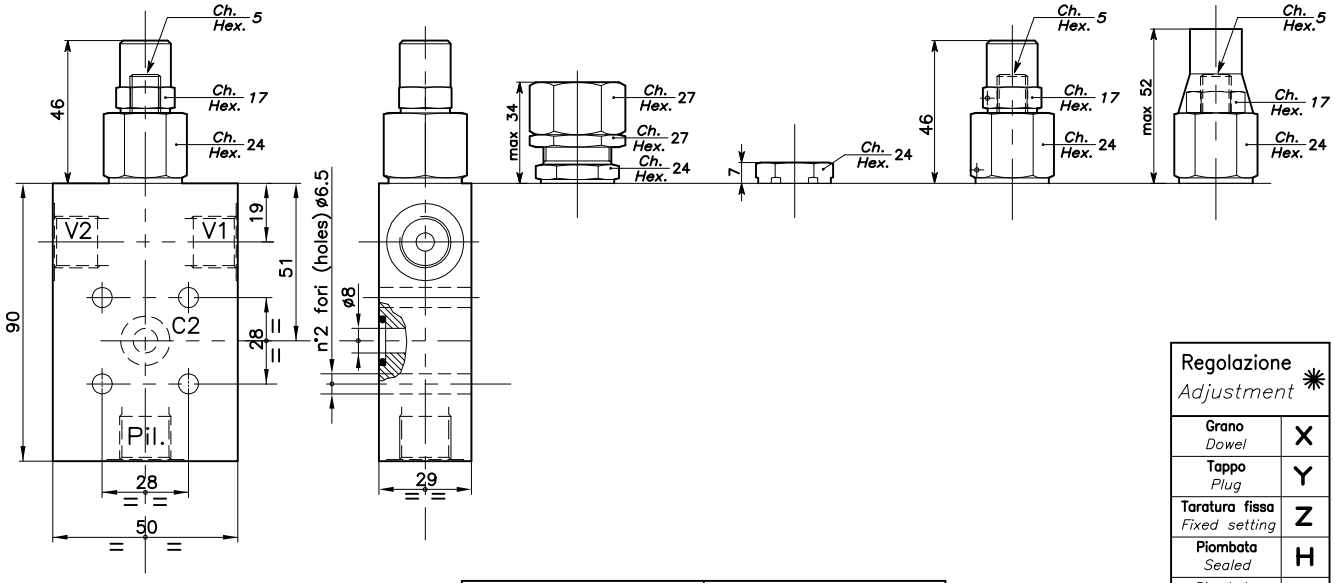
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

...–OWC–SE–...–FC1–B04–...

REGOLAZIONE / ADJUSTMENT

Grano *Dowel*	Tappo *Plug*	Taratura fissa *Fixed setting*	Piombata *Sealed*	Piombata *Sealed*
(X)	(Y)	(Z)	(H)	(K)



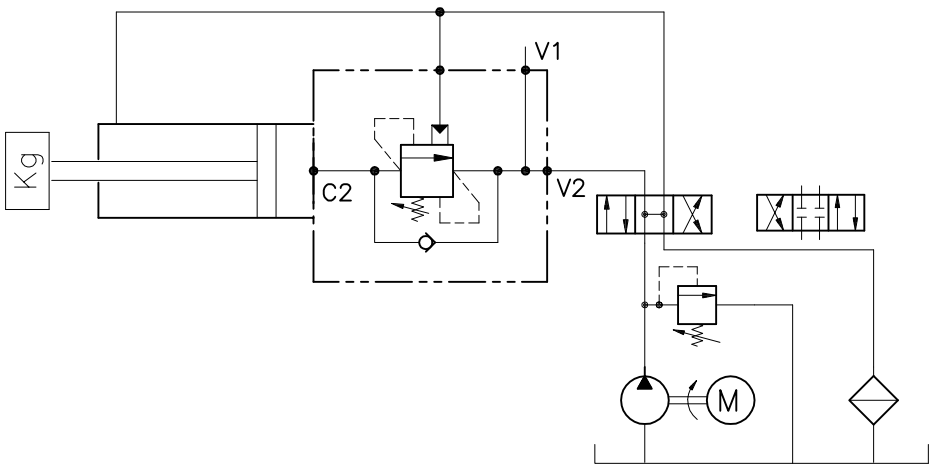
Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Tappo *Plug*	Y
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Corpo *Body*	Attacchi *Port size* V2–V1 Pil. GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 210 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)				
OWC–SE–14–FC1–B04–✱					Alluminio *Alluminium*	1/4"	6	20–*5*
A–OWC–SE–14–FC1–B04–✱	321		320		Acciaio *Steel*			
OWC–SE–38–FC1–B04–✱	065		018		Alluminio *Alluminium*	3/8"	8	40–*10*
A–OWC–SE–38–FC1–B04–✱	210		209		Acciaio *Steel*			

0	0	1				0		0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

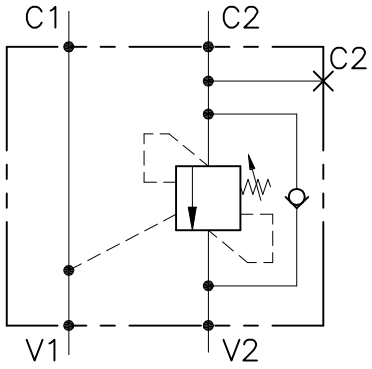


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, CON COLLETTORE IN ALLUMINIO PRESSOFUSO, FLANGIATO A BRUGOLA. SERIE "WBCCA"

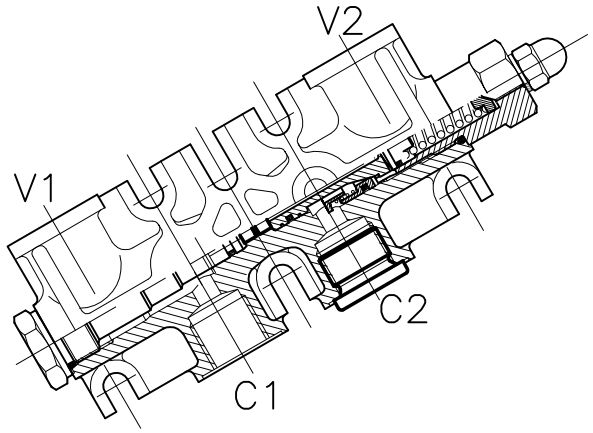
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

F–WBCCA–SE–...–FC1

SCHEMA DI FUNZIONAMENTO

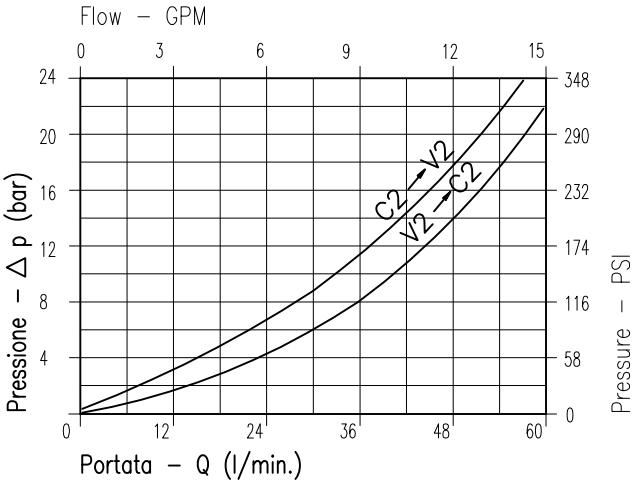


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	6 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		Pag. seguente
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Peso *Weight*	Kg	0.66



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

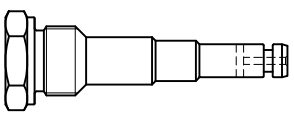
Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

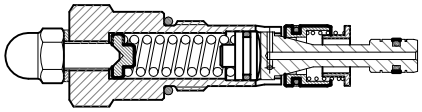
Fornitura standard valvola: corpo in alluminio cromato, cartuccie in acciaio zincato.

Aluminium chromium–plating body valves as standard, cartriges on galvanized steel.



Tappo per versione a semplice effetto con possibilità di limitare il flusso di pilotaggio con ziglori.

Kit di elementi per trasformare la valvola da versione semplice effetto a doppio effetto. (Sostituzione del tappo)

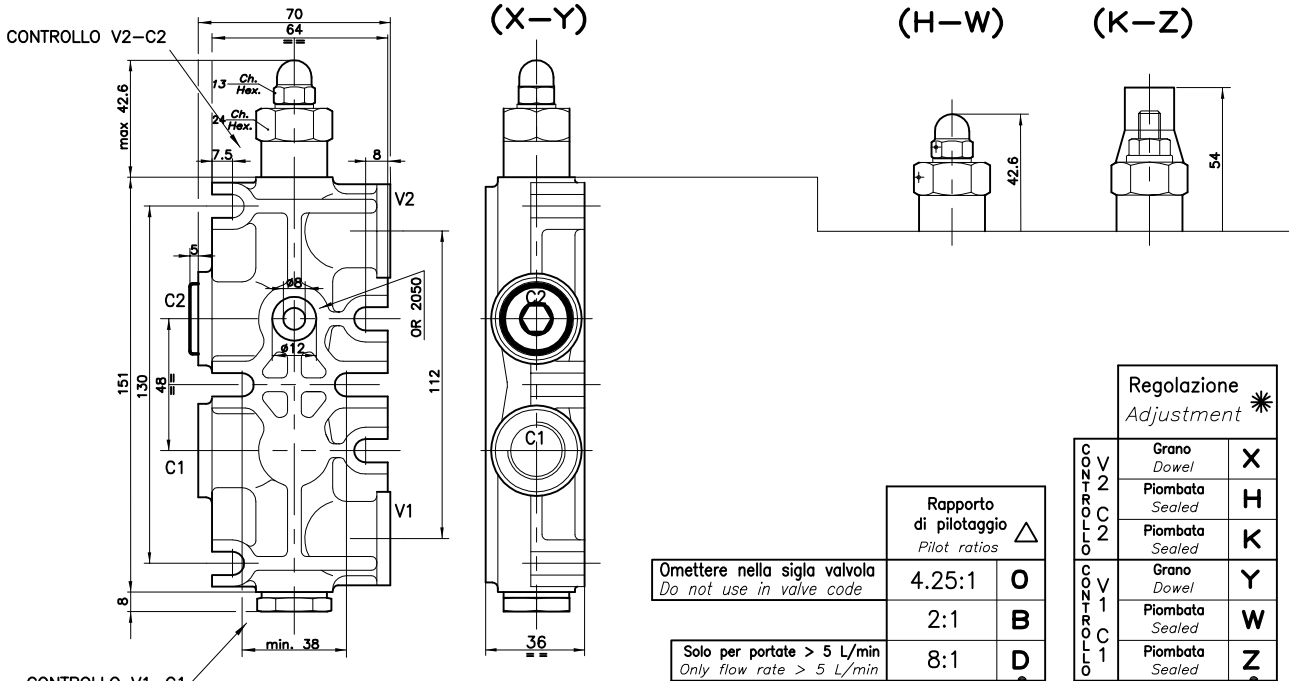


SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

F–WBCCA–SE–...–FC1

REGOLAZIONE *ADJUSTMENT*



Omettere nella sigla valvola *Do not use in valve code*	Rapporto di pilotaggio △ *Pilot ratios*	
	4.25:1	O
	2:1	B
Solo per portate > 5 L/min *Only flow rate > 5 L/min*	8:1	D

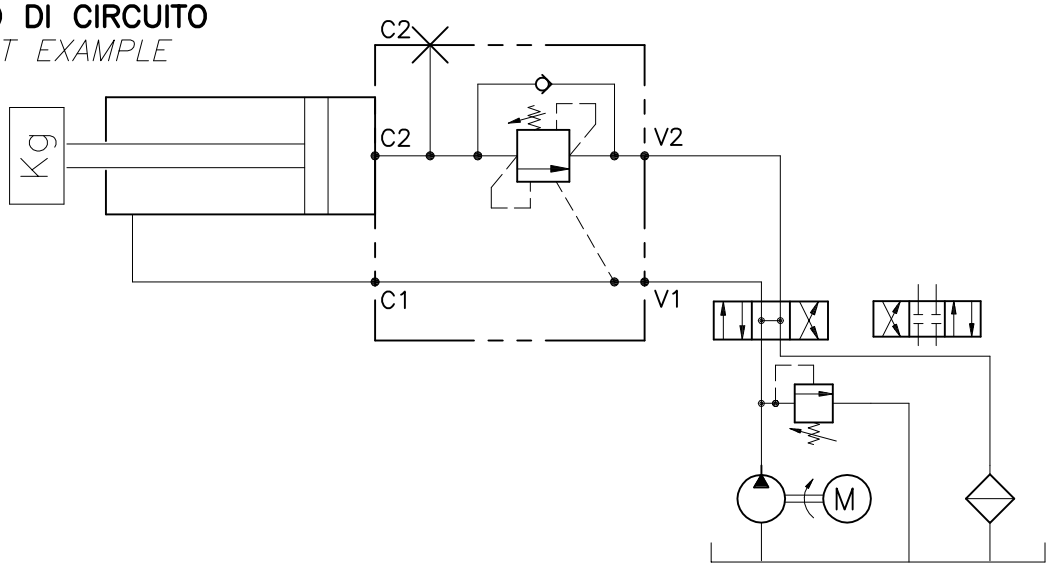
	Regolazione *Adjustment* ✱	
CONTROLLO V2–C2	Grano *Dowel*	X
	Piombata *Sealed*	H
	Piombata *Sealed*	K
CONTROLLO V1–C1	Grano *Dowel*	Y
	Piombata *Sealed*	W
	Piombata *Sealed*	Z

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 280 bar (Colore verde) *Setting range 30 ÷ 280 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi *Port size* V2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 250 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (––)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)			
F–WBCCA–SE–14–FC1–△– ✱	....		640		1/4"	8	20– *5*
F–WBCCA–SE–38–FC1–△– ✱	....		641		3/8"	8	40– *10*
F–WBCCA–SE–12–FC1–△– ✱	....		642		1/2"	8	60– *15*

0	0	1				0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

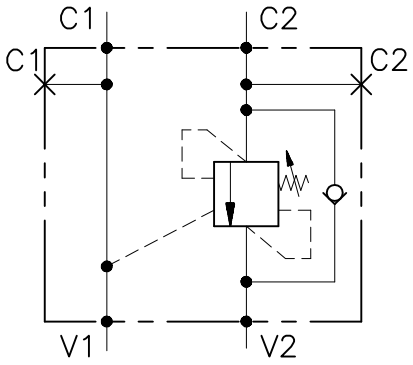


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, CON COLLETTORE IN ALLUMINIO PRESSOFUSO, FLANGIATO A BRUGOLA. SERIE "WBCCA"

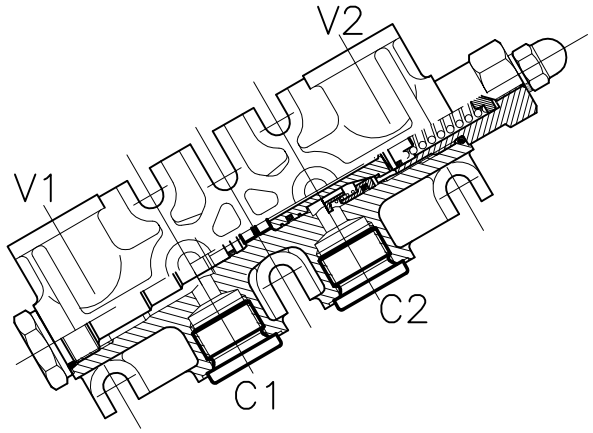
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

F–WBCCA–SE–...–FC2

SCHEMA DI FUNZIONAMENTO

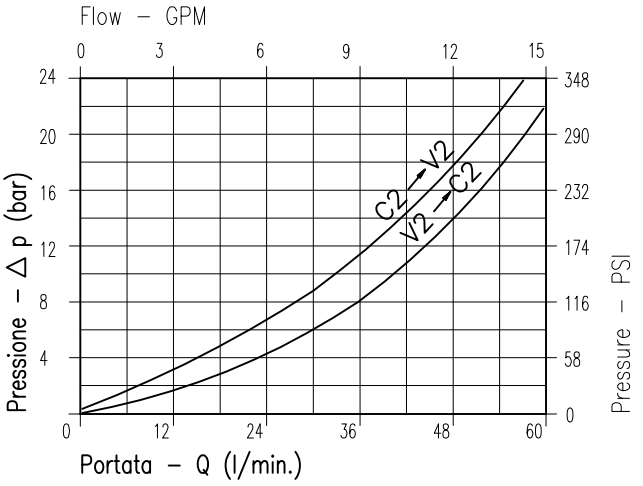


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	6 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		Pag. seguente
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Peso *Weight*	Kg	0.680



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

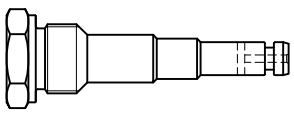
Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

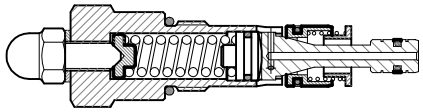
Fornitura standard valvola: corpo in alluminio cromato, cartuccie in acciaio zincato.

Aluminium chromium–plating body valves as standard, cartriges on galvanized steel.



Tappo per versione a semplice effetto con possibilità di limitare il flusso di pilotaggio con ziglori.

Kit di elementi per trasformare la valvola da versione semplice effetto a doppio effetto. (Sostituzione del tappo)

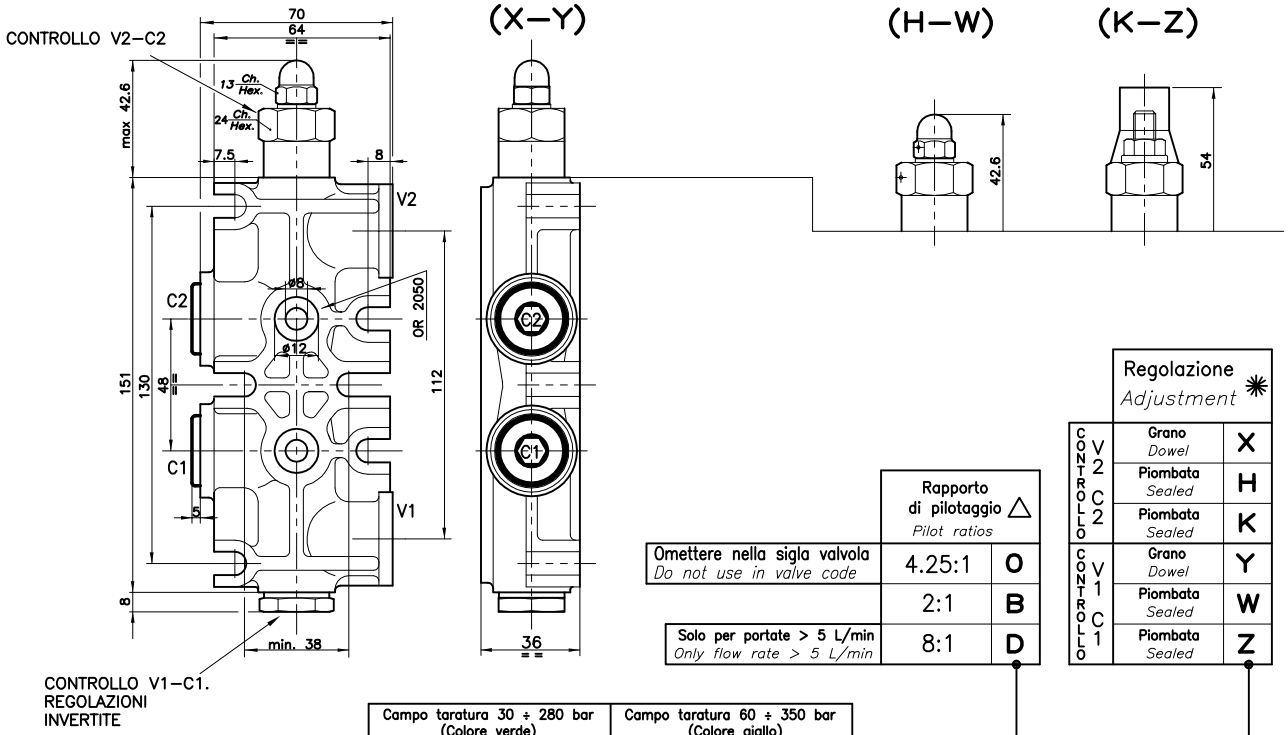


SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

F–WBCCA–SE–...–FC2–...

REGOLAZIONE / *ADJUSTMENT*



Omettere nella sigla valvola *Do not use in valve code*	Rapporto di pilotaggio △ *Pilot ratios*	
	4.25:1	O
	2:1	B
Solo per portate > 5 L/min *Only flow rate > 5 L/min*	8:1	D

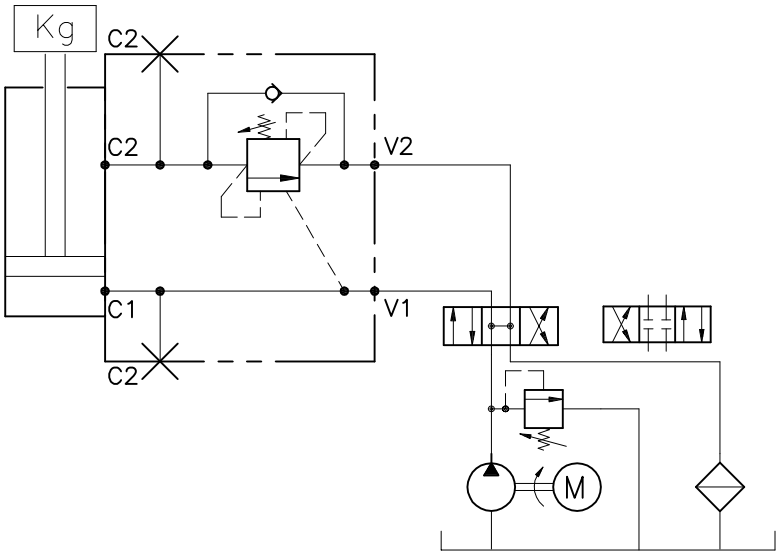
		Regolazione ✱ *Adjustment*
CONTROLLO V2 C2	Grano *Dowel*	X
	Piombata *Sealed*	H
	Piombata *Sealed*	K
CONTROLLO V1 C1	Grano *Dowel*	Y
	Piombata *Sealed*	W
	Piombata *Sealed*	Z

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 280 bar (Colore verde) *Setting range 30 ÷ 280 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi *Port size* V2 V1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 250 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (––)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)			
F–WBCCA–SE–14–FC2–△– ✱	....		643		1/4"	8	20– *5*
F–WBCCA–SE–38–FC2–△– ✱	....		644		3/8"	8	40– *10*
F–WBCCA–SE–12–FC2–△– ✱	....		645		1/2"	8	60– *15*

0	0	1					0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

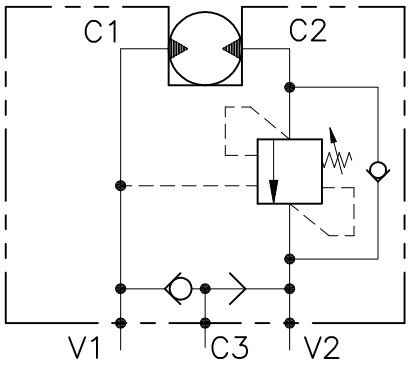


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, FLANGIATO MOTORE CON BULLONI

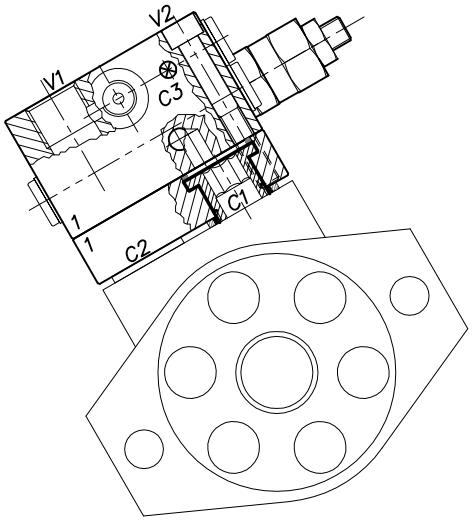
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB–M–SE–VFF–...–12–14

SCHEMA DI FUNZIONAMENTO

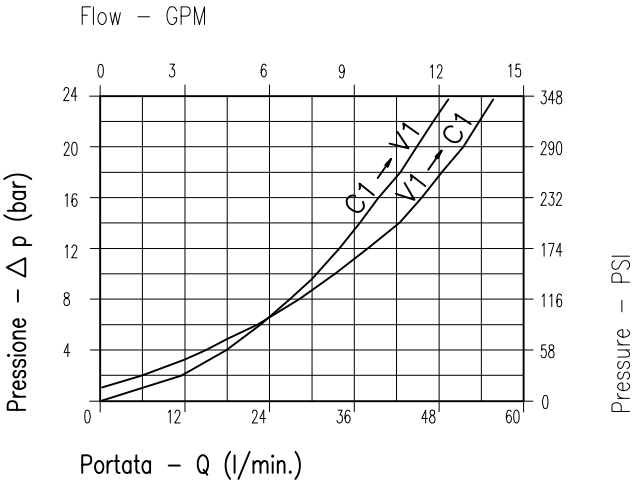


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	8 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	110÷115
Peso *Weight*	Kg	.



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

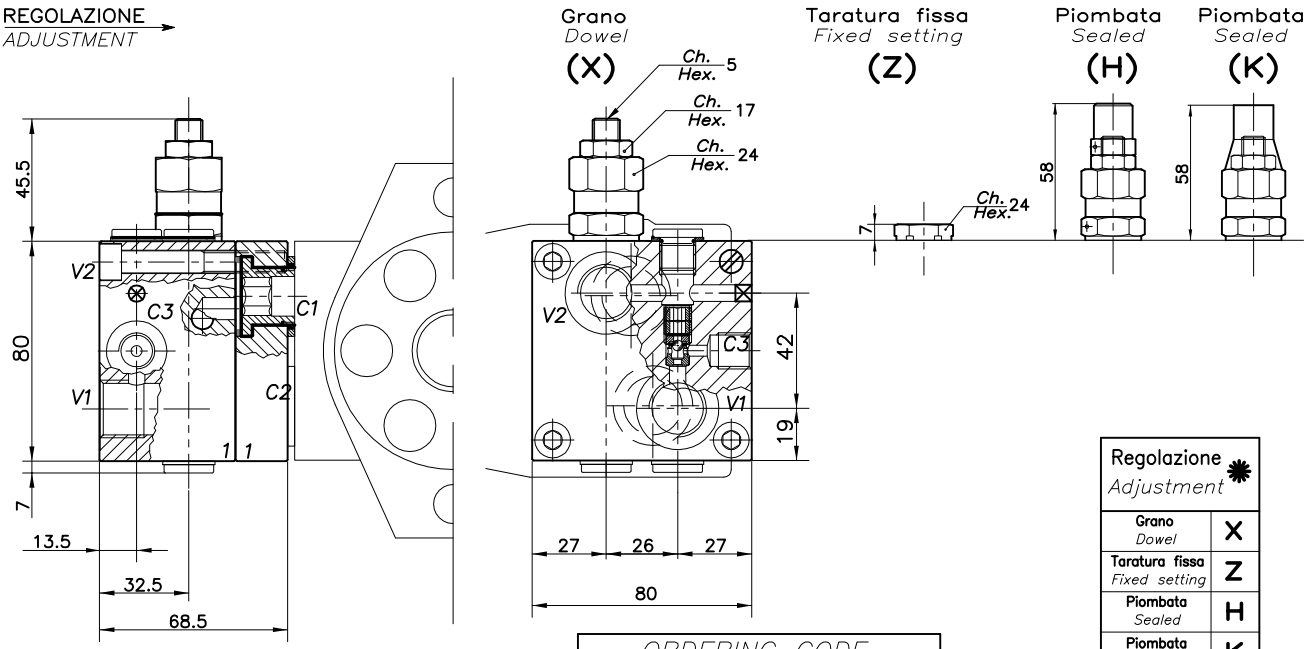
Aluminium body valves as standard, steel body on request.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB–M–SE–VFF–F..–12–14–...

REGOLAZIONE / *ADJUSTMENT*



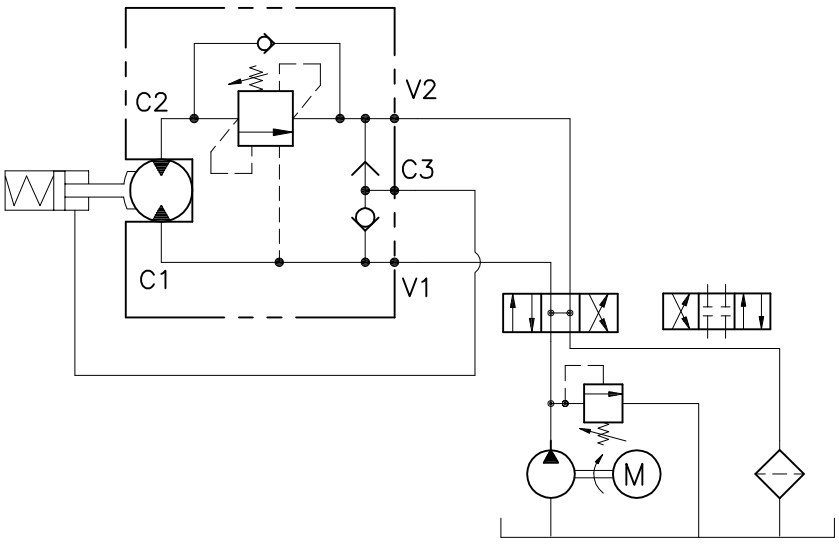
Regolazione / *Adjustment*	
Grano / *Dowel*	X
Taratura fissa / *Fixed setting*	Z
Piombata / *Sealed*	H
Piombata / *Sealed*	K

ORDERING CODE
CODICE ORDINAZIONE

0	0	1			0		0

SIGLA VALVOLA / *VALVE CODE*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Attacchi *Port size* C3 GAS *(BSPP)*	Tipo motore / *Motor type*
WB–M–SE–VFF–FOMS–HPR–12–14–✱	533		...		1/2"	1/4"	Samhydraulik HPR–HPRC / Danfoss OMS (32x22)
WB–M–SE–VFF–FOLD–12–14–✱	534		...				Oildrive (44x17)
WB–M–SE–VFF–FOMR–OMP–12–14–✱	535		...				Danfoss OMR–OMP (36x36)
WB–M–SE–VFF–FTRW–12–14–✱	545		...				TRW MAC/MAF (45,7)
WB–M–SE–VFF–FSH–12–14–✱	618		...				Samhydraulik AG–BG–AR (40x8)
	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*				

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

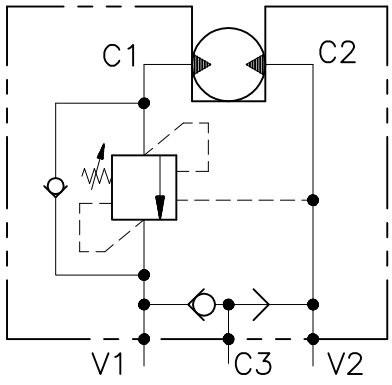


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, FLANGIATO MOTORE CON BULLONI

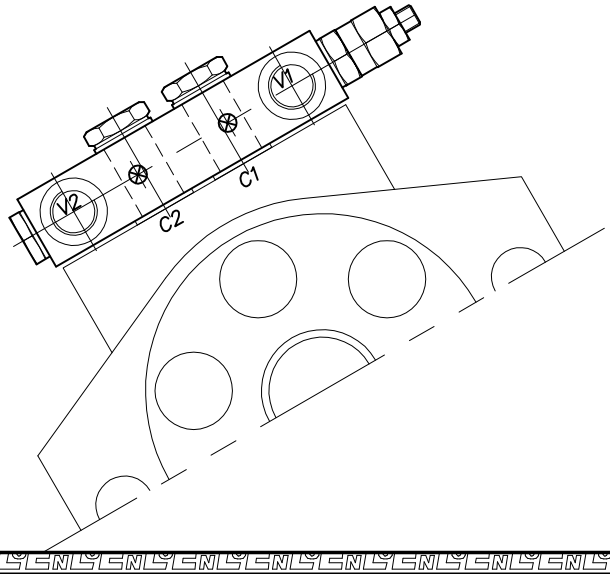
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC-SE-12-FMB-SH-...

SCHEMA DI FUNZIONAMENTO

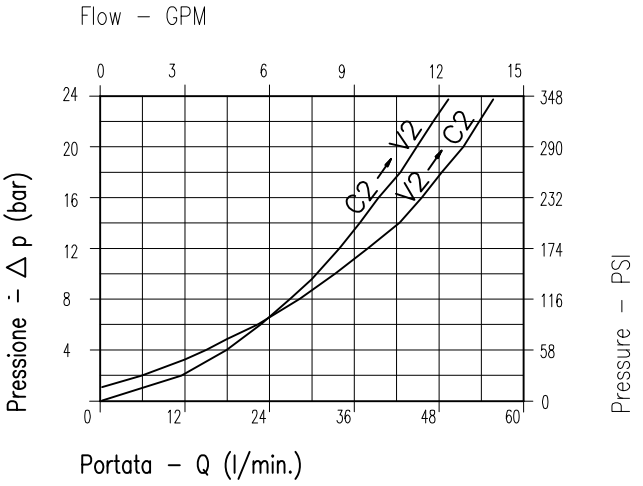


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	6 / 10
Portata min/max *Min/max flow-rate*	l/min-GPM	1/60 - 0.26/15.9
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	-30 +50
Temperatura olio *Oil temperature*	°C	-30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	110-115
Peso *Weight*	Kg	.



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

Aluminium body valves as standard, steel body on request.

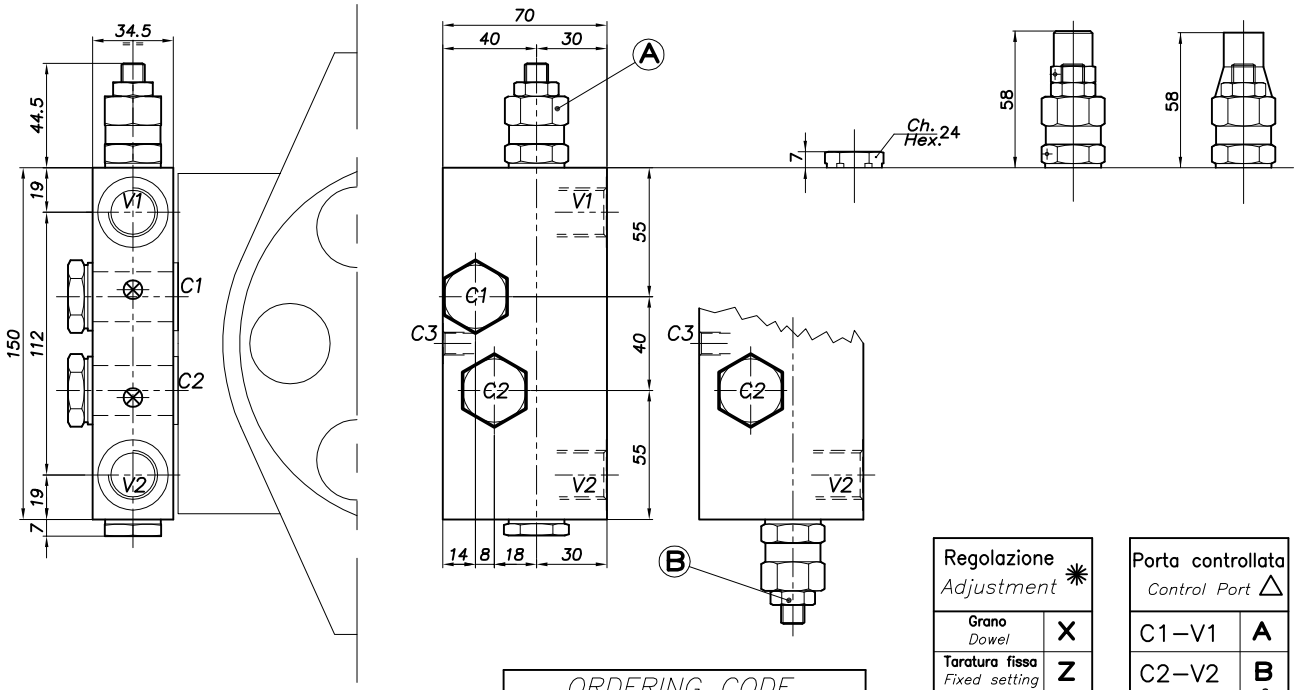
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–SE–12–FMB–SH–...

REGOLAZIONE / ADJUSTMENT

Grano *Dowel* (X)	Taratura fissa *Fixed setting* (Z)	Piombata *Sealed* (H)	Piombata *Sealed* (K)



Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

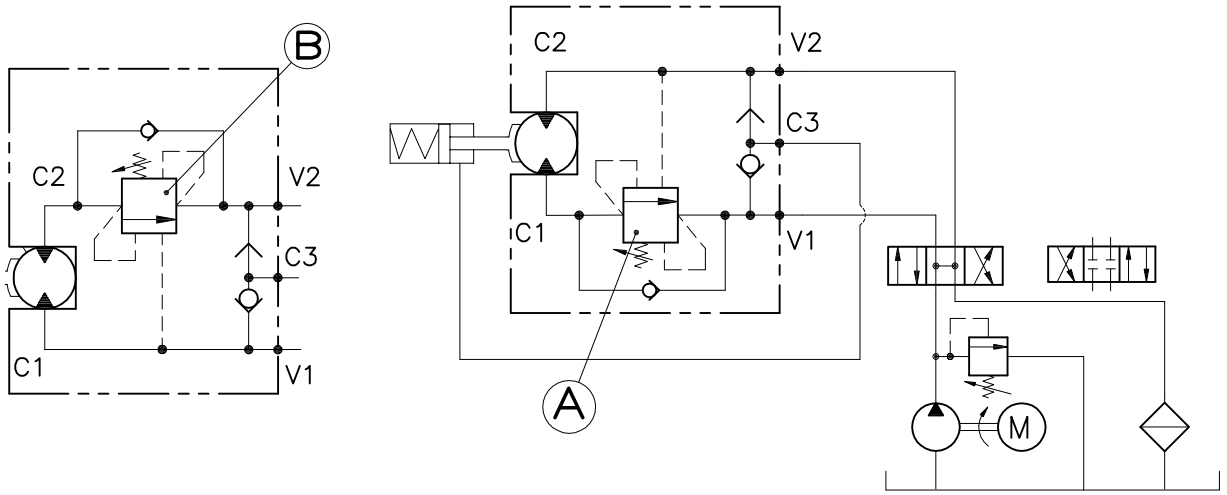
Porta controllata *Control Port* △	
C1–V1	A
C2–V2	B

ORDERING CODE
CODICE ORDINAZIONE

0	0	7				0

SIGLA VALVOLA *VALVE CODE*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Attacchi *Port size* C1–C2 V1–V2 GAS (BSPP)	Attacchi *Port size* C3 GAS (BSPP)	Portata Max *Flow-rate*
OWC–SE–12–FMB–SH–△–✱	153		...		1/2"	1/8"	60–15.9
	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*				

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

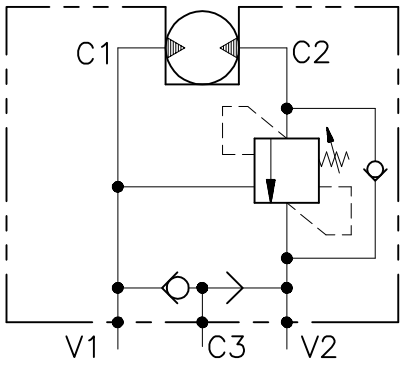


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, CON COLLETTORE FLANGIATO MOTORE CON BRUGOLE "SERIE OWC-100"

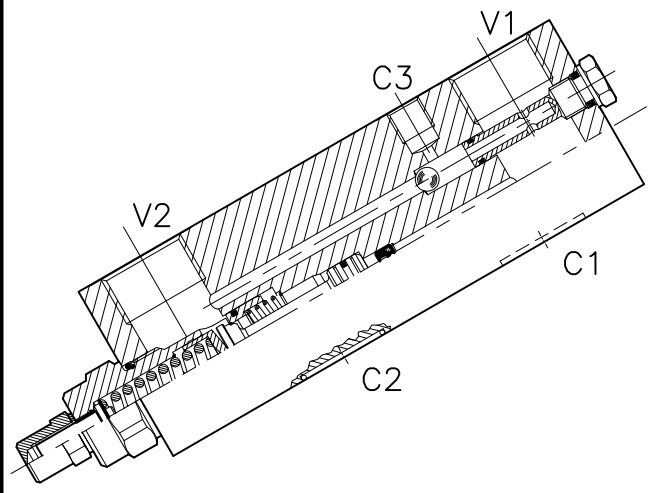
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC-SE-VFF-...-14-FMV2-...

SCHEMA DI FUNZIONAMENTO



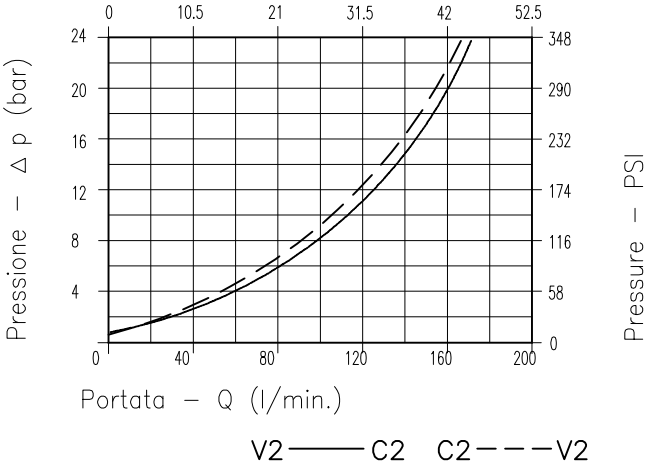
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	14 / 15
Portata min/max *Min/max flow-rate*	l/min-GPM	1/180 - 0.26/47
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		6.2 : 1
Temperatura ambiente *Room temperature*	°C	-30 +50
Temperatura olio *Oil temperature*	°C	-30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	110-115
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

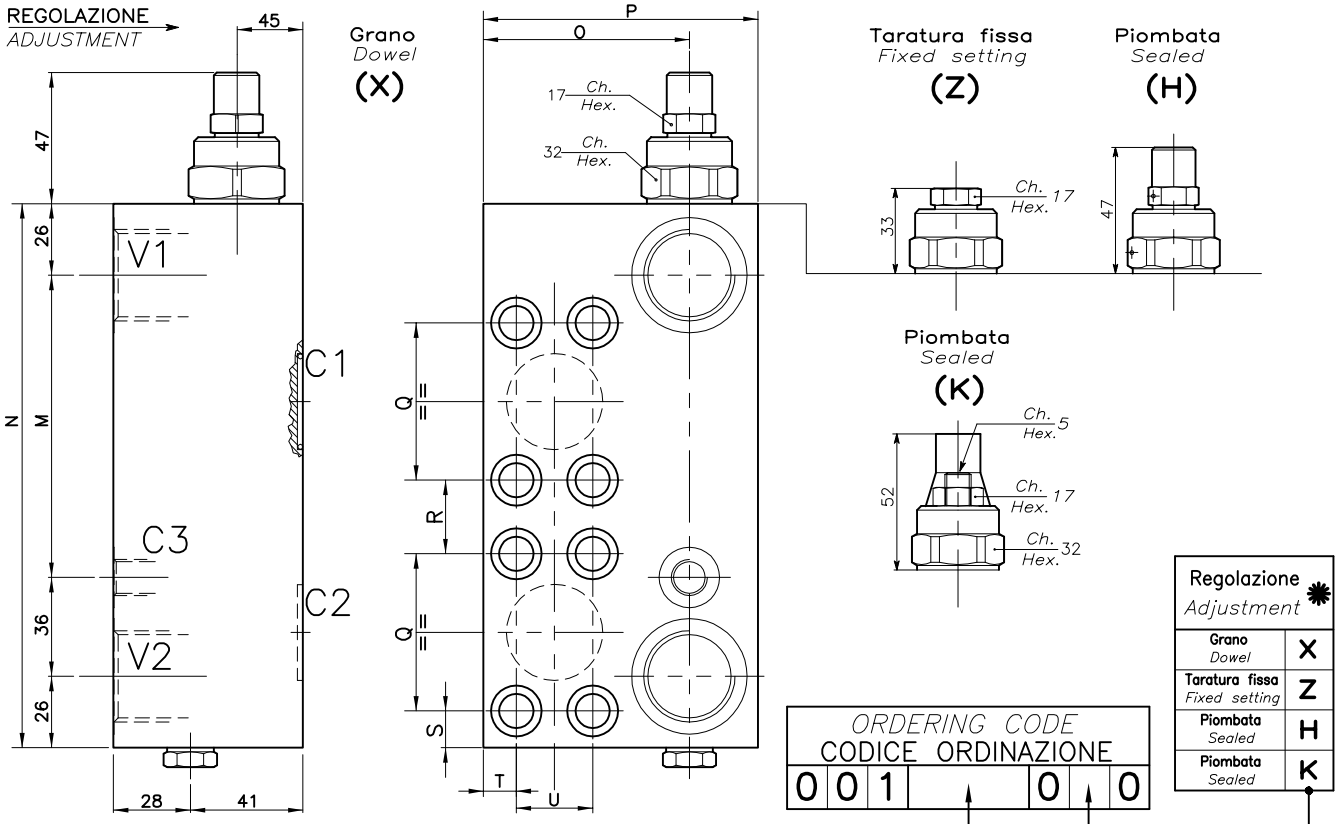
Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

Aluminium body valves as standard, steel body on request.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC-SE-VFF-...-14-FMV2-...



Regolazione / Adjustment	
Grano / Dowel	X
Taratura fissa / Fixed setting	Z
Piombata / Sealed	H
Piombata / Sealed	K

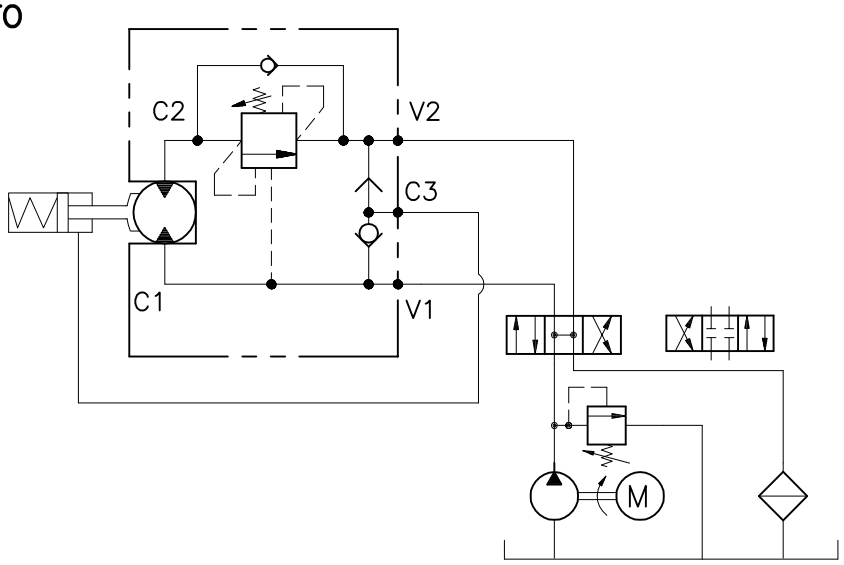
ORDERING CODE — CODICE ORDINAZIONE

0	0	1				0		0

SIGLA VALVOLA / VALVE CODE	Taratura standard (Q=5 l/1') Std. bar setting (mode at 5 l/1') 350 bar	Incr. press. bar giro/vite Press. increase bar/turn (138)	M	N	O	P	Q	R	S	T	U	Attacchi Port size C1-C2 GAS (BSPP)	Attacchi Port size V1-V2 GAS (BSPP)	Attacchi Port size C3 GAS (BSPP)	Tipo motore / Motor type
OWC-SE-VFF-100-14-FVM2-90-108 ✱	564		110	198	75	100	57.2	26.8	13.4	12	27.8	ø15	1"	1/4"	H1CR 90-108 HMT (84)
OWC-SE-VFF-34-14-FVM2-45-55-75 ✱	565		95	183	65	90	50.8	24.2	11	13	23.8	ø15	3/4"	1/4"	H1CR 45-55-75 HMT (75)
OWC-SE-VFF-12-14-FVM2-20-30 ✱	566		67	155	55	80	40.6	18.4	9	9	18.2	ø15	1/2"	1/4"	H1CR 20-30 HMT (59)

Campo taratura 60 ÷ 350 bar (Colore giallo)
Setting range 60 ÷ 350 bar (Colour yellow)

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

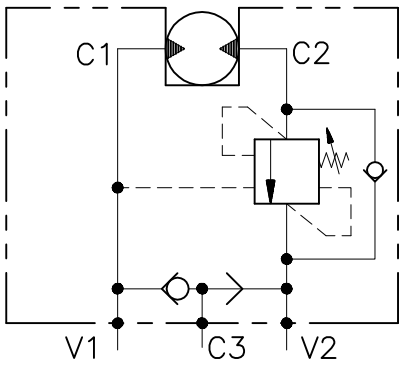


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, FLANGIATA MOTORE CON VITI.

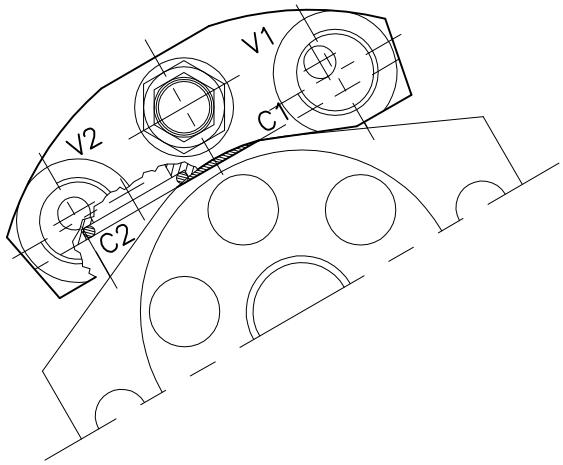
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–SE–12–FMD–G

SCHEMA DI FUNZIONAMENTO

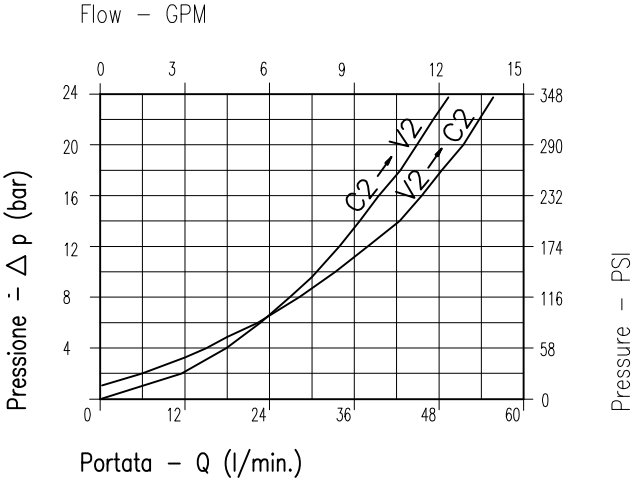


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	8 / 12
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		220 bar 3190 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	110–115
Peso *Weight*	Kg	.



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

Aluminium body valves as standard, steel body on request.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

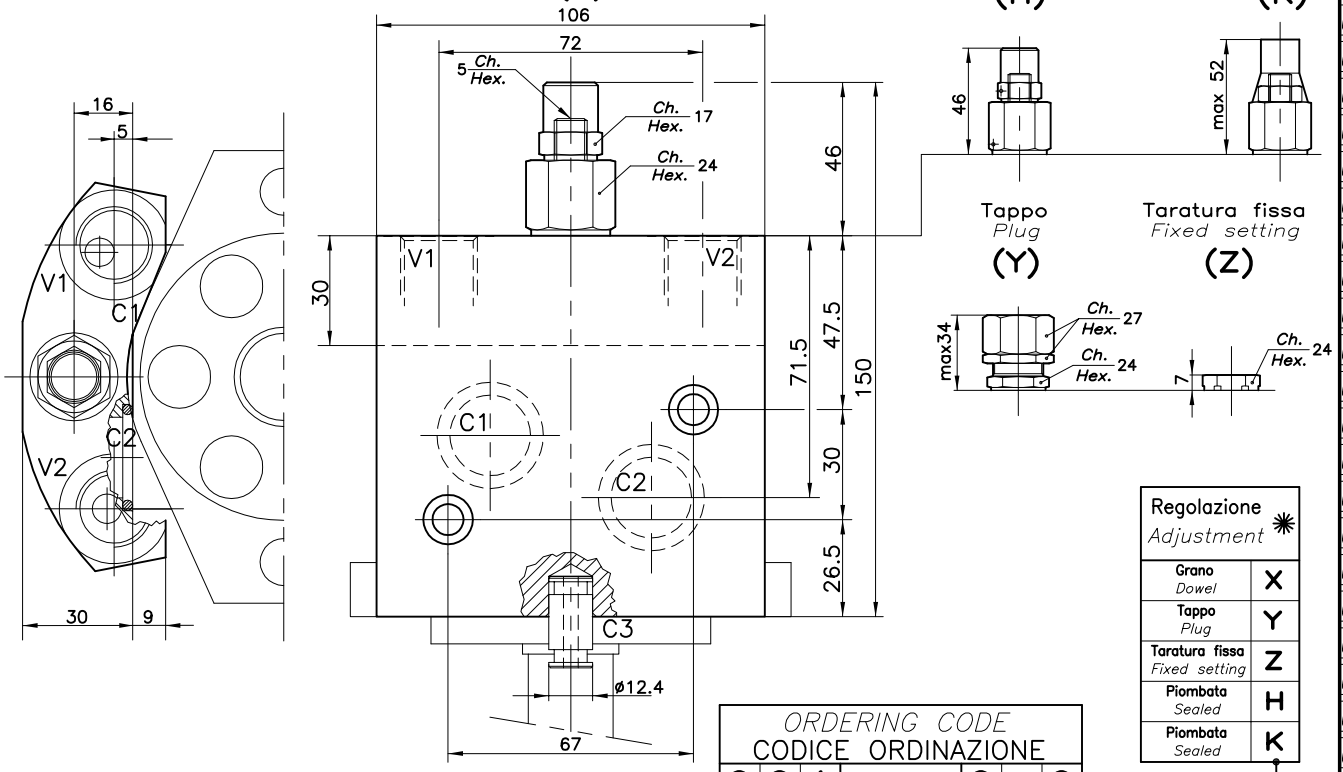
OWC–SE–12–FMD–G–...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* **(X)**

Piombata *Sealed* **(H)**

Piombata *Sealed* **(K)**



Tappo *Plug* **(Y)**

Taratura fissa *Fixed setting* **(Z)**

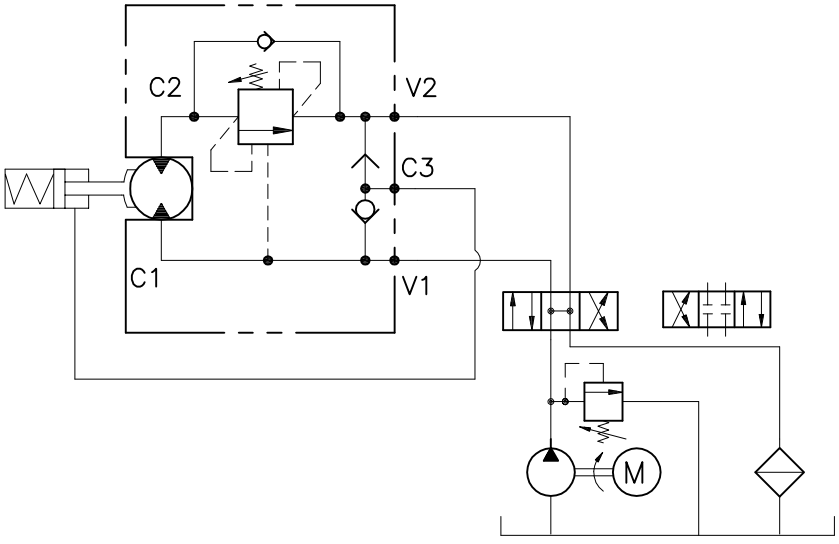
Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Tappo *Plug*	Y
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

ORDERING CODE
CODICE ORDINAZIONE

0	0	1			0	0

SIGLA VALVOLA *VALVE CODE*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Attacchi *Port size* V1–V2 GAS *(BSPP)*	Attacchi *Port size* C1–C2–C3 GAS *(BSPP)*	Tipo motore *Motor type*	Portata max *Max flow-rate* l/min– *GPM*
OWC–SE–12–FMD–G–✱	202		...		1/2"	ø12	OILDRIVE (44x17)	60–15
	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*					

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

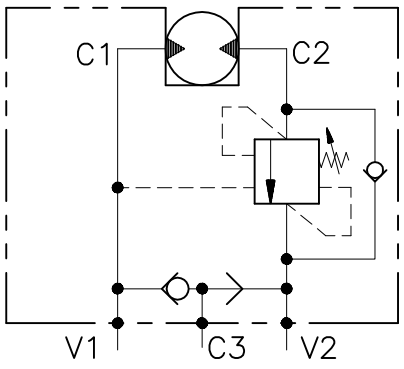


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, FLANGIATA MOTORE CON VITI.

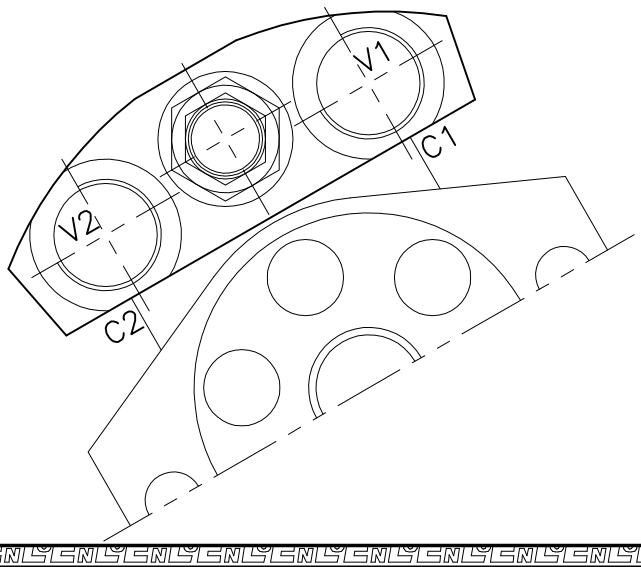
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–SE–34–FMD–A–...

SCHEMA DI FUNZIONAMENTO

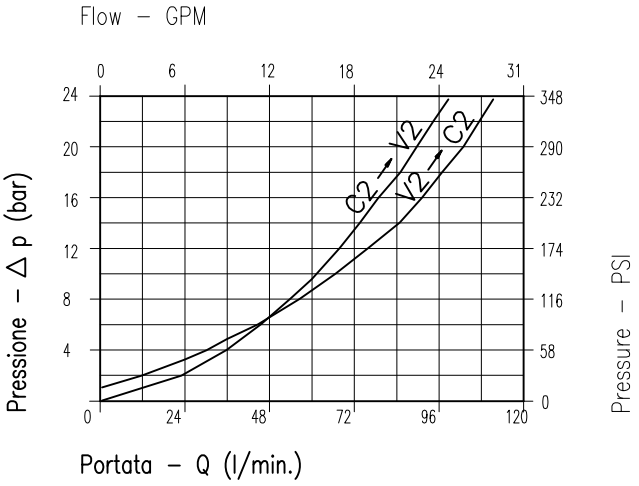


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	14 / 15
Portata min/max *Min/max flow–rate*	l/min–GPM	1/120 – 0.26/31.7
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		6.2 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	110 ÷ 115
Peso *Weight*	Kg	.



Viscosita' olio 4° E a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

Steel body valves as standard, aluminium body on request.

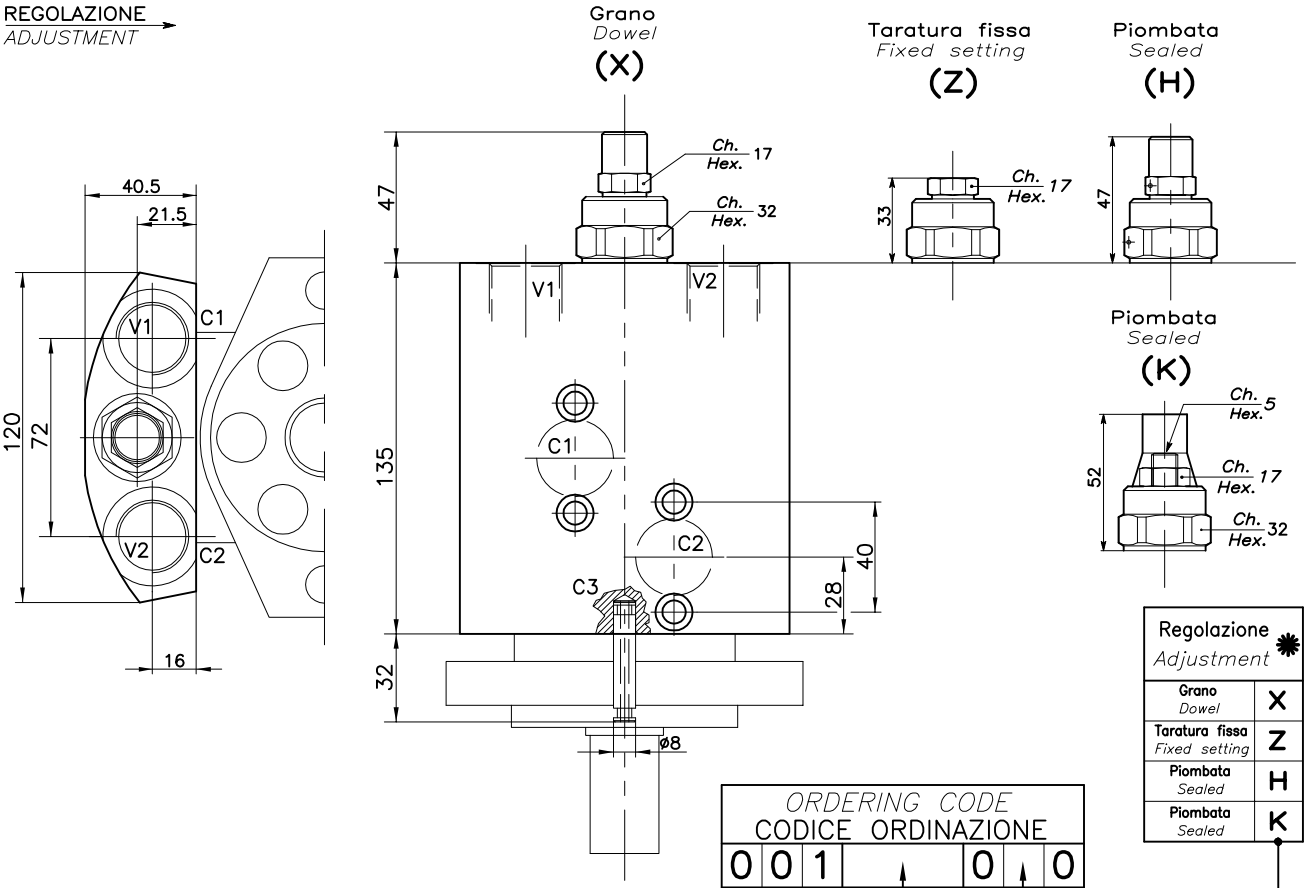
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC–SE–34–FMD–A–...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X) — Taratura fissa *Fixed setting* (Z) — Piombata *Sealed* (H) — Piombata *Sealed* (K)



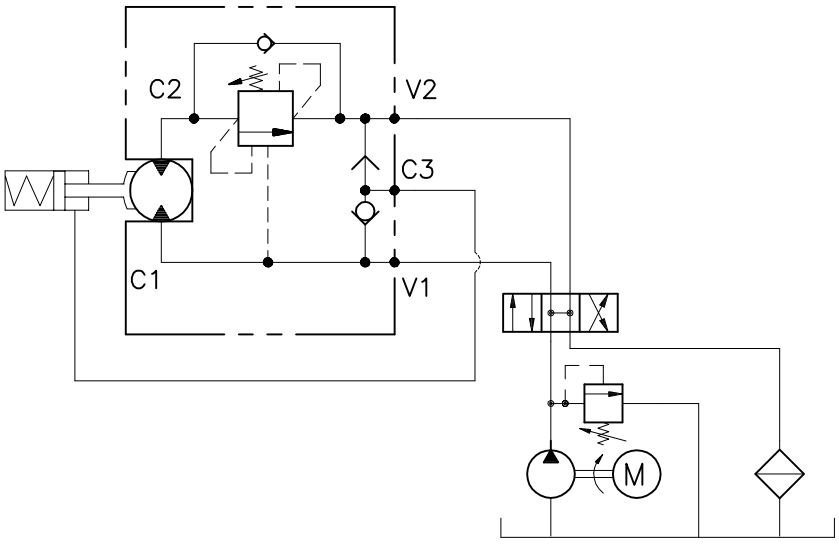
Regolazione ✱ *Adjustment*	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

ORDERING CODE
CODICE ORDINAZIONE

0	0	1			0	0

SIGLA VALVOLA *VALVE CODE*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Attacchi *Port size* V1–V2 GAS (BSPP)	Attacchi *Port size* C1–C2 GAS (BSPP)	Attacchi *Port size* C3 GAS (BSPP)	Tipo motore *Motor type*	Portata max *Max flow-rate* l/min– GPM
OWC–SE–34–FMD–A–✱	...		233		3/4"	ø15	ø8	Danfoss OMR–OMP (36x36)	120 –31
	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*						

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

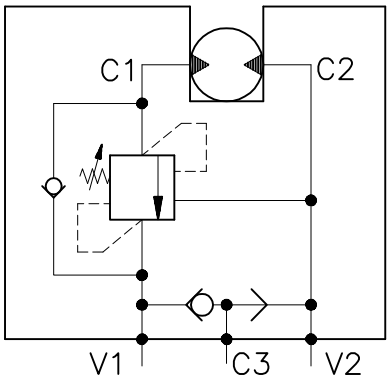


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, FLANGIATO MOTORIDUTTORE CON BRUGOLE

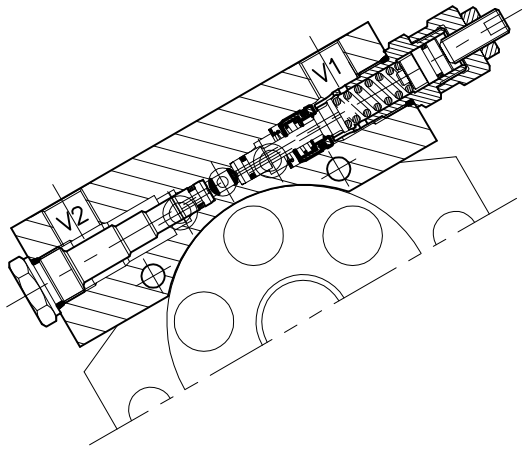
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB–SE–FMA–VFF–38–...

SCHEMA DI FUNZIONAMENTO

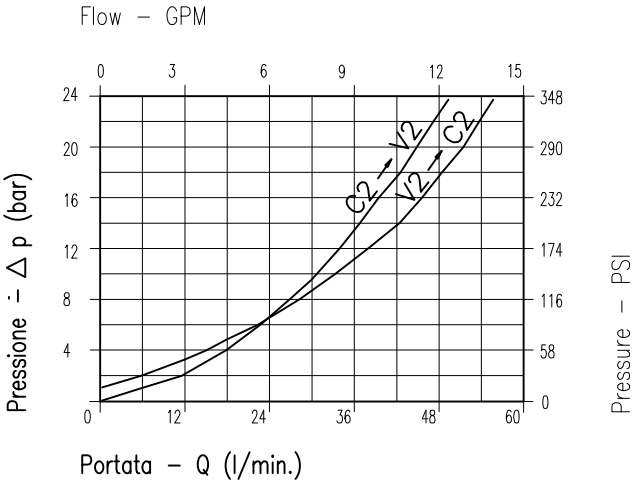


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	6 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	110–115
Peso *Weight*	Kg	.



Viscosita' olio 4°E a 50°C
Oil viscosity 46 cSt at 50 °C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

Aluminium body valves as standard, steel body on request.

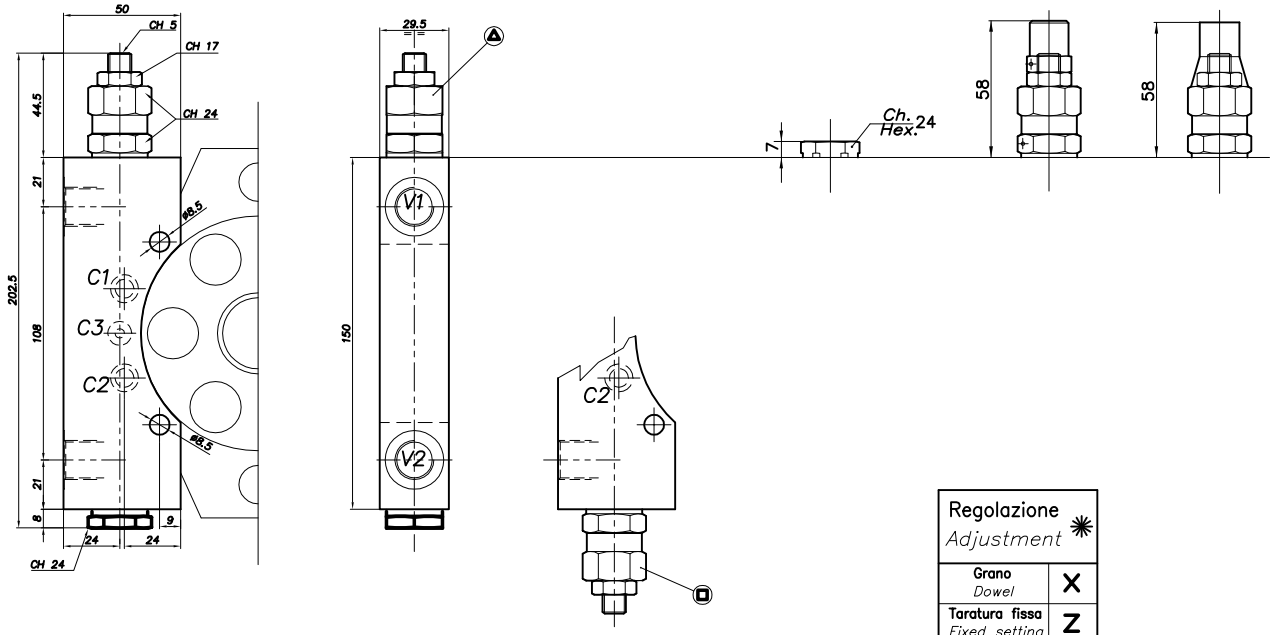
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WB–SE–FMA–VFF–38–...

REGOLAZIONE / ADJUSTMENT

Grano / Dowel (X) — Taratura fissa / Fixed setting (Z) — Piombata / Sealed (H) — Piombata / Sealed (K)



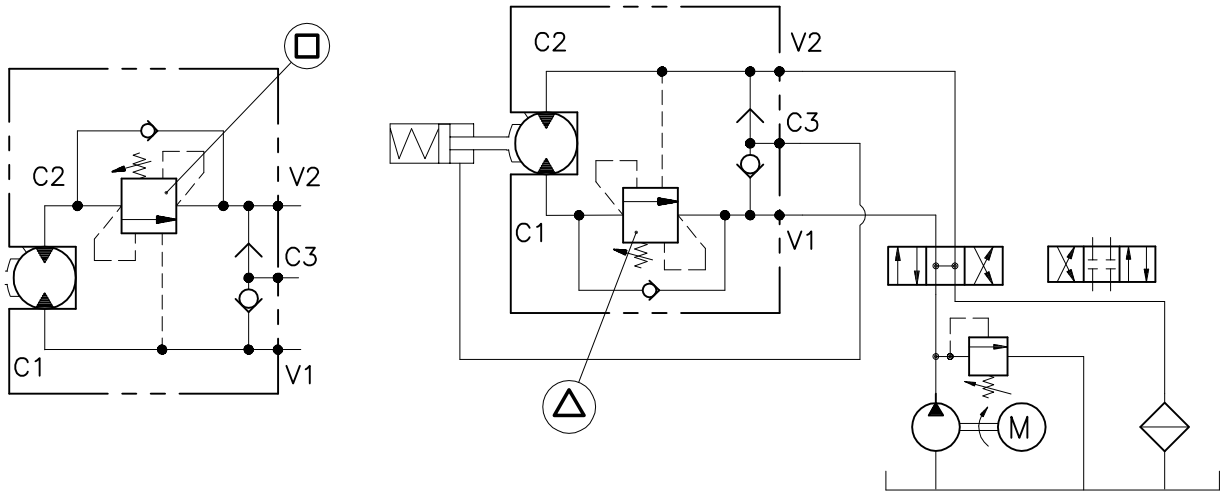
Regolazione / Adjustment	
Grano / Dowel	X
Taratura fissa / Fixed setting	Z
Piombata / Sealed	H
Piombata / Sealed	K

ORDERING CODE / CODICE ORDINAZIONE

0	0	7			0	0

SIGLA VALVOLA / VALVE CODE	Taratura standard (Q=5 l/1') Std. bar setting (mode at 5 l/1') 220 bar	Incr. press. bar giro/vite Press. increase bar/turn (56)	Taratura standard (Q=5 l/1') Std. bar setting (mode at 5 l/1') 350 bar	Incr. press. bar giro/vite Press. increase bar/turn (138)	Attacchi Port size C1–C2 GAS (BSPP)	Attacchi Port size V1–V2 GAS (BSPP)	Attacchi Port size C3 GAS (BSPP)	Porta controllata Control Port	
WB–SE–FMA–VFF–38–✱	131		...		ø8	3/8"	ø4	C1–V1	△
WB–SE–FMA–VFF–38–SX–✱	156		...					C2–V2	□
	Campo taratura 30 ÷ 220 bar (Colore verde) Setting range 30 ÷ 220 bar (Colour green)		Campo taratura 60 ÷ 350 bar (Colore giallo) Setting range 60 ÷ 350 bar (Colour yellow)						

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

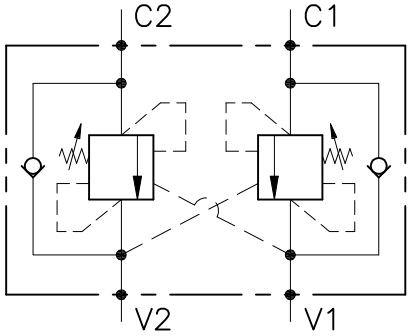


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, CON COLLETTORE IN LINEA. SERIE "OWC"

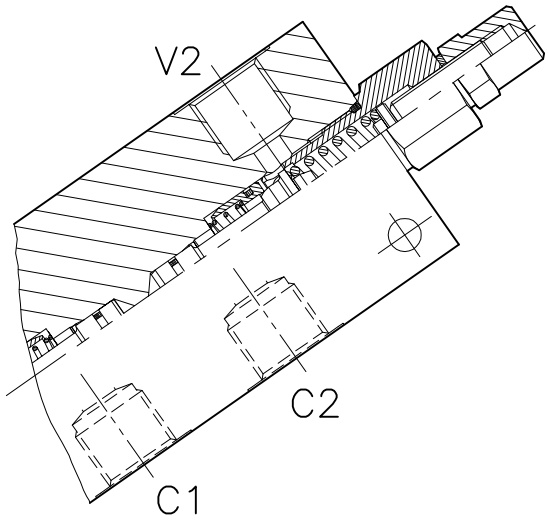
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–DE–...–LU–...

SCHEMA DI FUNZIONAMENTO

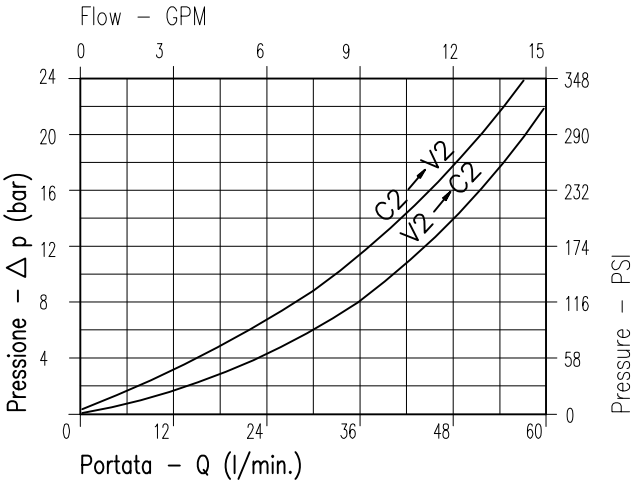


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	6 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

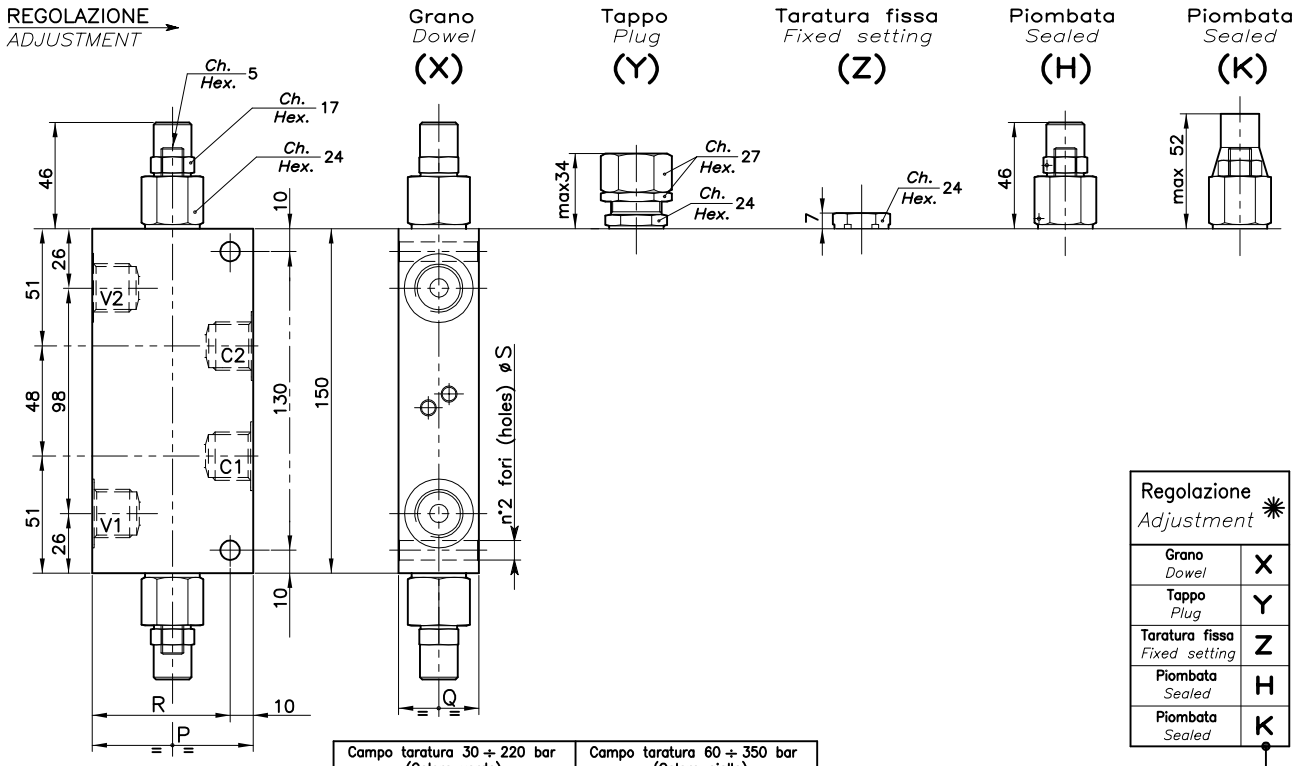
Aluminium body valves as standard, steel body on request.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC–DE–...–LU–...

REGOLAZIONE / *ADJUSTMENT*



Regolazione / *Adjustment* ✱	
Grano / *Dowel*	X
Tappo / *Plug*	Y
Taratura fissa / *Fixed setting*	Z
Piombata / *Sealed*	H
Piombata / *Sealed*	K

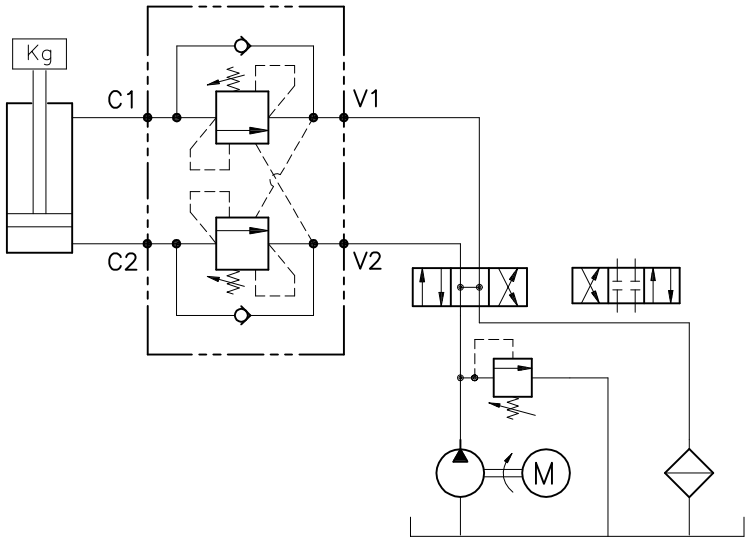
SIGLA VALVOLA / *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) / *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) / *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	R	S	Attacchi / *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale / *Rated size* DN	Portata max / *Max flow–rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') / *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite / *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') / *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite / *Press. increase bar/turn* (138)							
OWC–DE–14–LU– ✱	107		106		60	30	50	6.5	1/4"	6	20– *5*
OWC–DE–38–LU– ✱	055		005						3/8"	8	40–*10*
OWC–DE–12–LU– ✱	060		010		70	35	60	8.5	1/2"	10	60–*15*

0	0	1				0	1	0

CODICE ORDINAZIONE / *ORDERING CODE*

ESEMPIO TIPICO DI CIRCUITO

TYPICAL CIRCUIT EXAMPLE

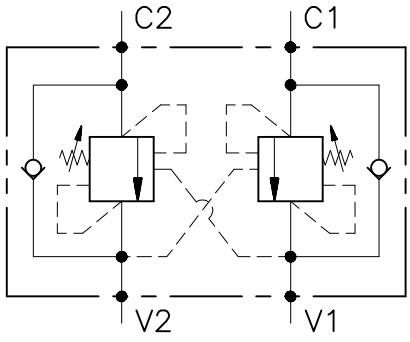


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, CON COLLETTORE IN LINEA. "SERIE OWC"

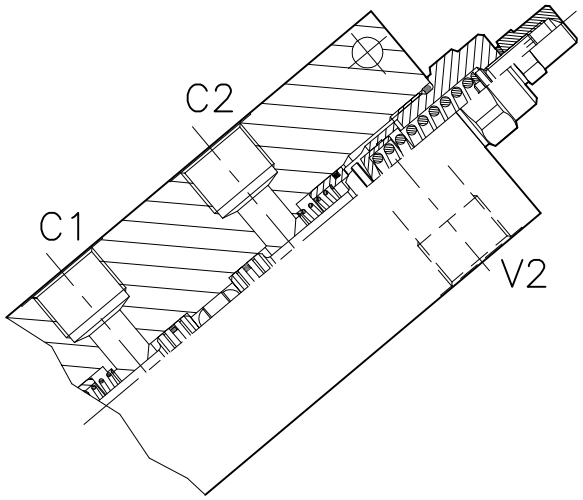
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–DE–...–LU–...

SCHEMA DI FUNZIONAMENTO



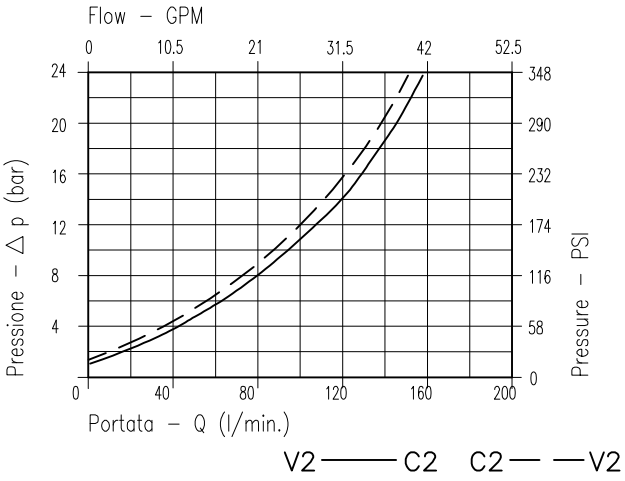
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	12 / 14
Portata min/max *Min/max flow–rate*	l/min–GPM	1/160 – 0.26/42.3
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		.
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

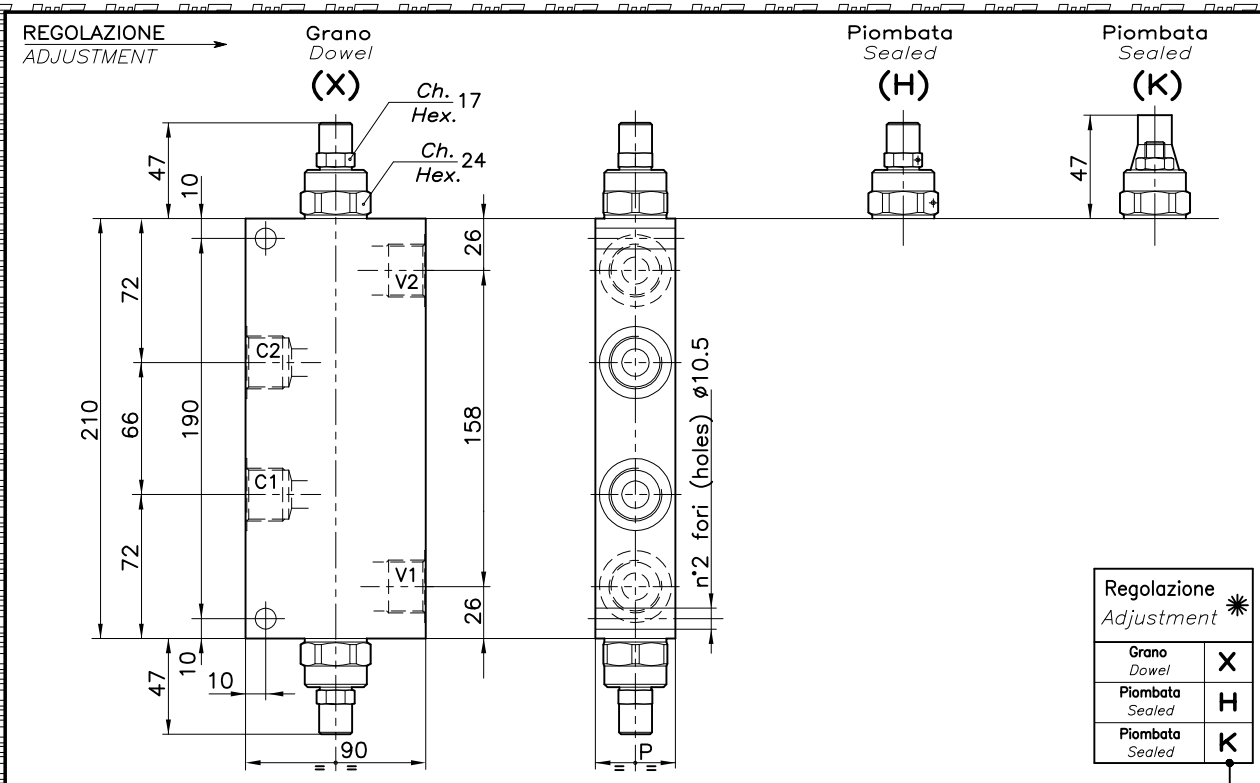
Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

Aluminium body valves as standard, steel body on request.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC–DE–...–LU–...



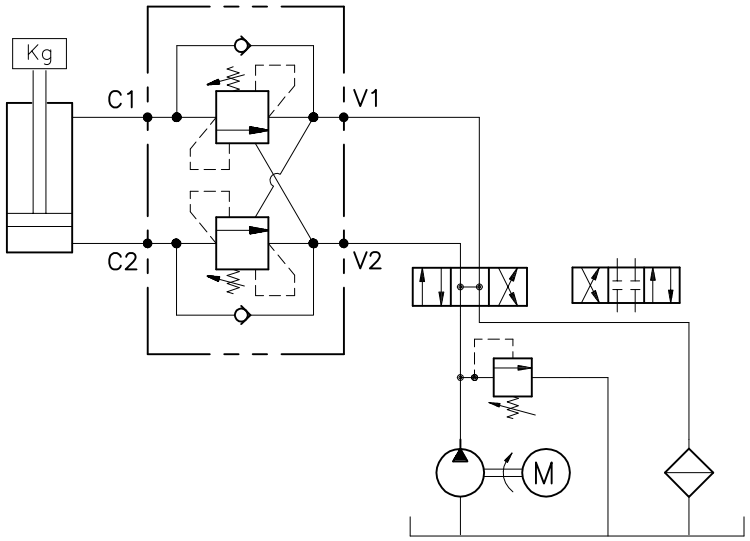
Regolazione *Adjustment*	
Grano *Dowel*	X
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 30 ÷ 350 bar (Colore giallo) *Setting range 30 ÷ 350 bar (Colour yellow)*		P	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min – *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)				
OWC–DE–34–LU–✱			453		40	3/4"	12	120– *31*
OWC–DE–100–LU–✱			454		50	1"	14	160– *42*

0	0	1			0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

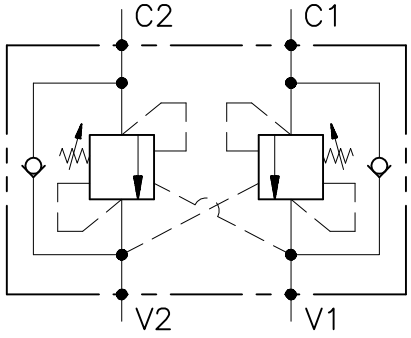


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, CON COLLETTORE IN LINEA. SERIE "WB"

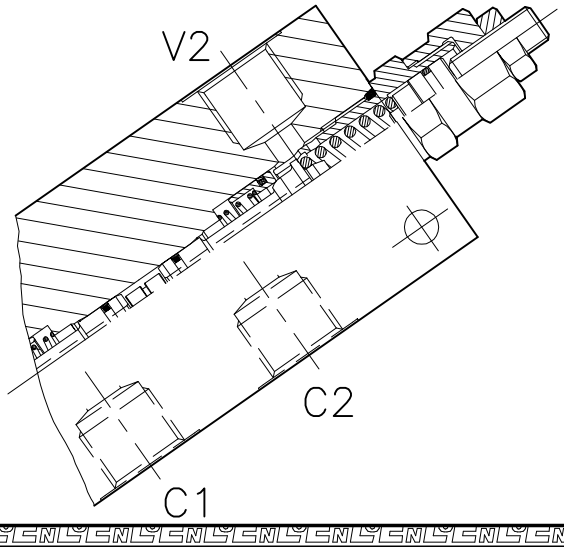
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB–C–DE–LU–...–...

SCHEMA DI FUNZIONAMENTO

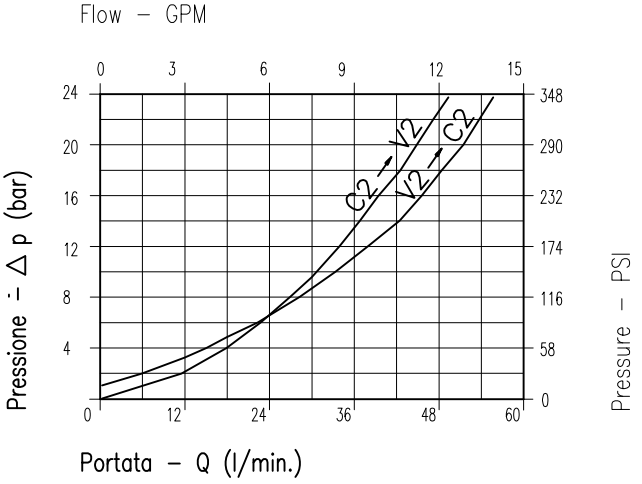


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	6 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in acciaio.
A richiesta corpo in alluminio.

Steel body valves as standard, aluminium body on request.

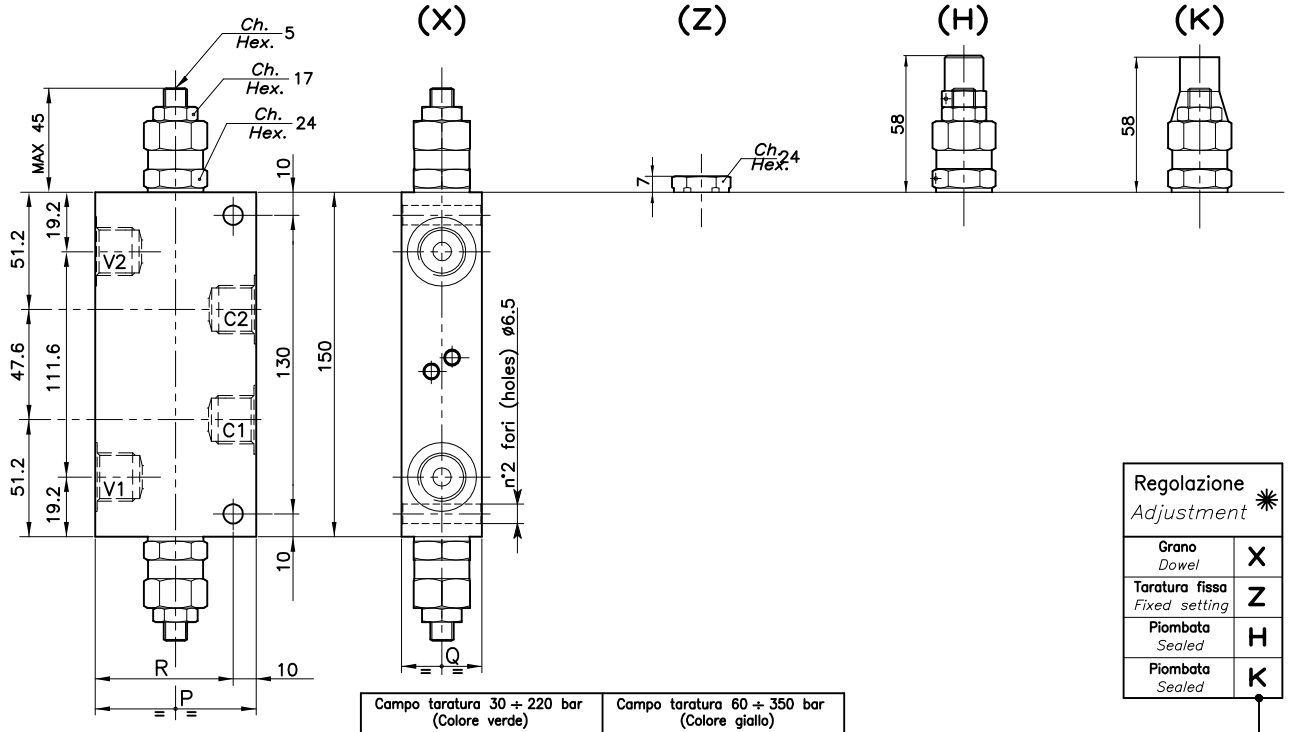
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WB–C–DE–LU–...–

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X) | Taratura fissa *Fixed setting* (Z) | Piombata *Sealed* (H) | Piombata *Sealed* (K)



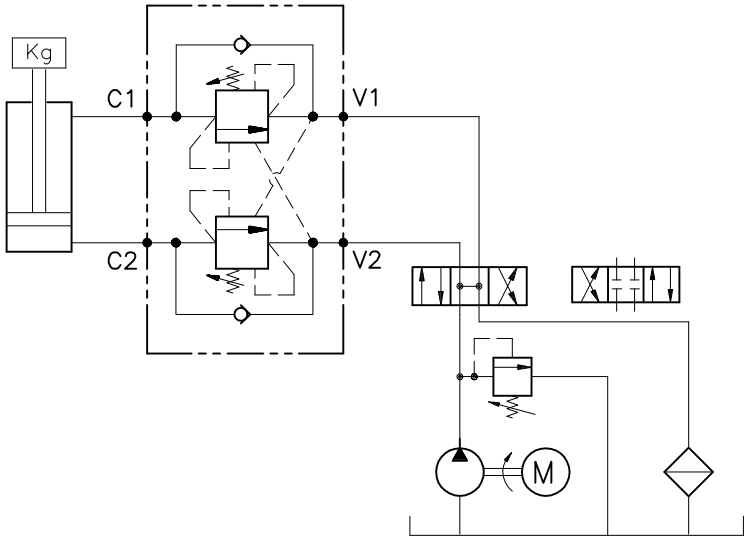
Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	R	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)						
WB–C–DE–LU–14–✱	254		255		60	30	50	1/4"	6	20– *5*
WB–C–DE–LU–38–✱	256		257					3/8"	8	40–*10*
WB–C–DE–LU–12–✱	258		259		70	35	60	1/2"	10	60–*15*

0	0	1			0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

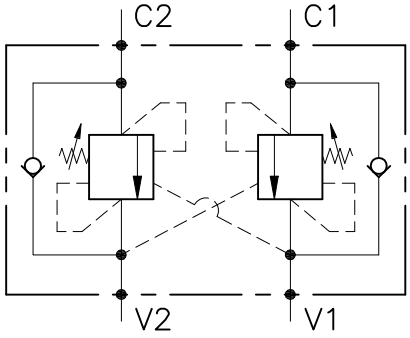


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, CON COLLETTORE IN ALLUMINIO PRESSOFUSO MONTAGGIO IN LINEA SERIE "WBCCA"

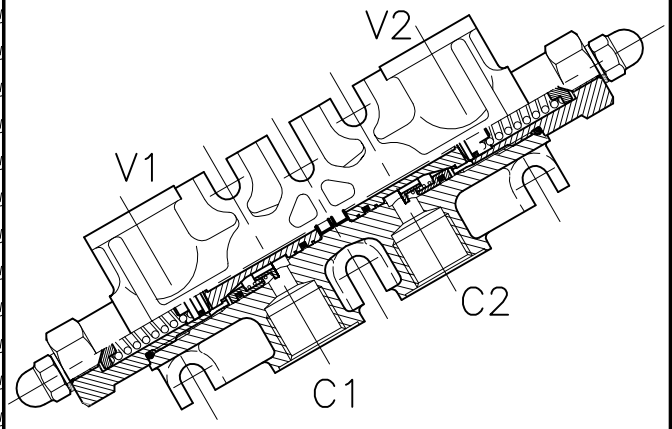
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

F–WBCCA–DE–...–L

SCHEMA DI FUNZIONAMENTO

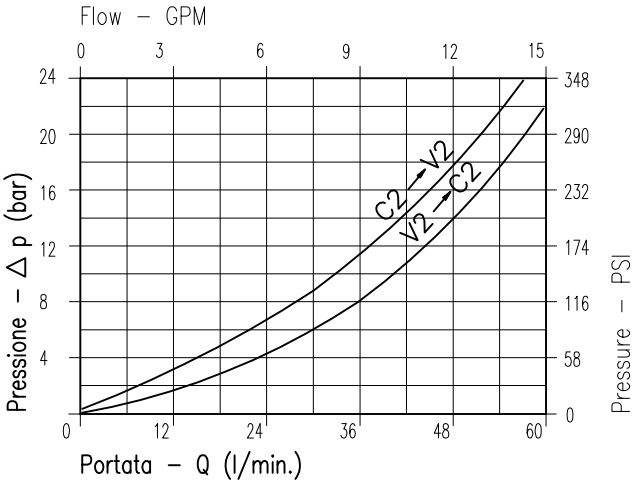


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	6 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		Pag. seguente
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Peso *Weight*	Kg	0.720



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

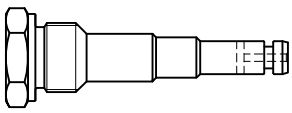
Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio cromato, cartuccie in acciaio zincato.

Aluminium chromium–plating body valves as standard, cartriges on galvanized steel.



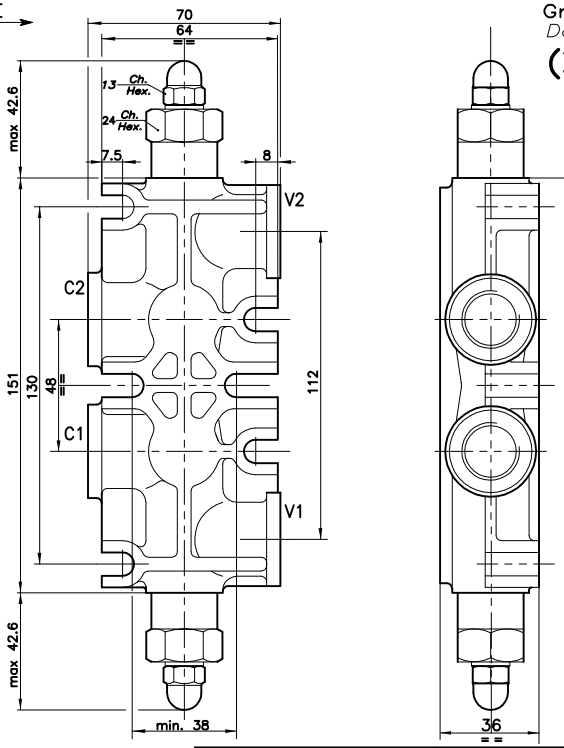
Tappo per trasformare la valvola da versione doppio effetto a semplice effetto e con possibilità di limitare il flusso di pilotaggio con ziglori al suo interno.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

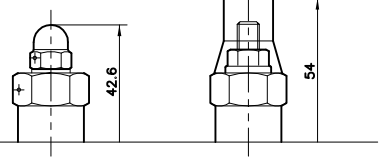
LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

F–WBCCA–DE–...–L–...

REGOLAZIONE / *ADJUSTMENT*



Grano *Dowel* (X) — Piombata *Sealed* (H) — Piombata *Sealed* (K)



	Rapporto di pilotaggio △ *Pilot ratios*	
Omettere nella sigla valvola *Do not use in valve code*	4.25:1	0
	2:1	B
Solo per portate > 5 L/min *Only flow rate > 5 L/min*	8:1	D

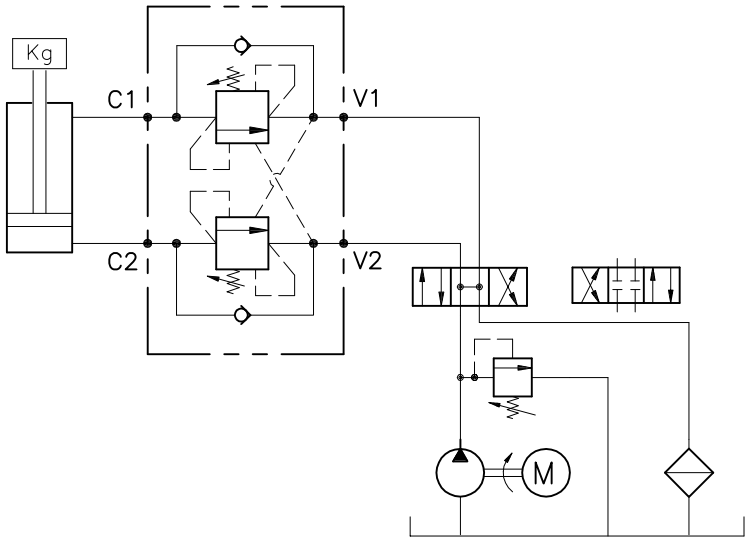
Regolazione ✱ *Adjustment*	
Grano *Dowel*	X
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 280 bar (Colore verde) *Setting range 30 ÷ 280 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 250 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (––)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)			
F–WBCCA–DE–14–L– △ –✱	....		629		1/4"	8	20– *5*
F–WBCCA–DE–38–L– △ –✱	....		630		3/8"	8	40– *10*
F–WBCCA–DE–12–L– △ –✱	....		631		1/2"	8	60– *15*

0	0	1						0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

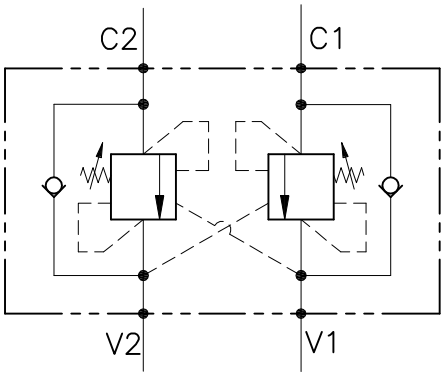


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO IN LINEA. SERIE "OWC–30"

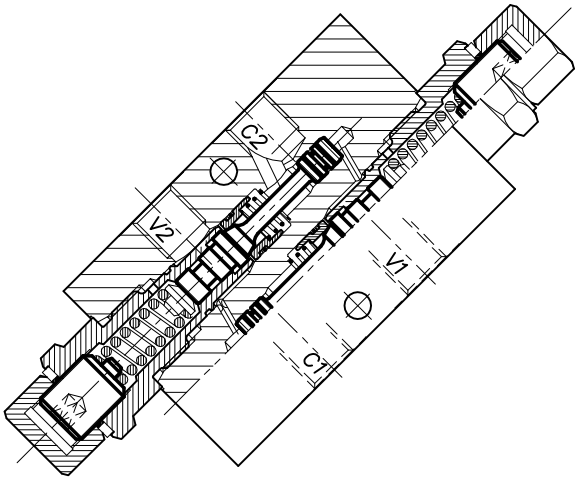
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–30–DEI–14–L

SCHEMA DI FUNZIONAMENTO

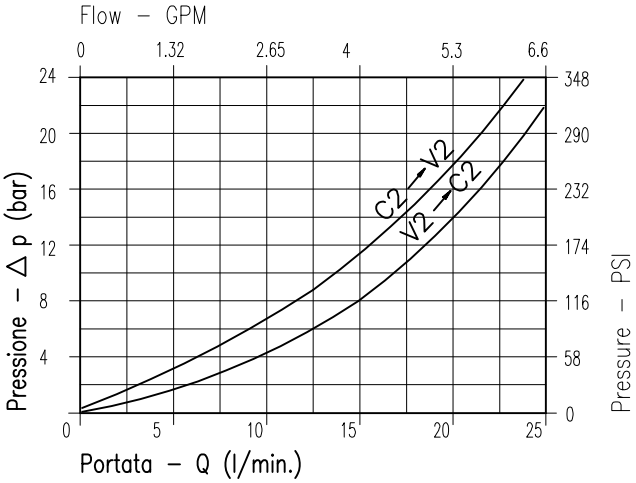


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	3 / 6
Portata min/max *Min/max flow–rate*	l/min–GPM	1/25 – 0.15/6.6
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4 ÷ 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	76 ÷ 82
Peso *Weight*	Kg	0.300



Viscosita' olio 46 cSt a 50 °C
Oil viscosity 46 cSt at 50 °C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

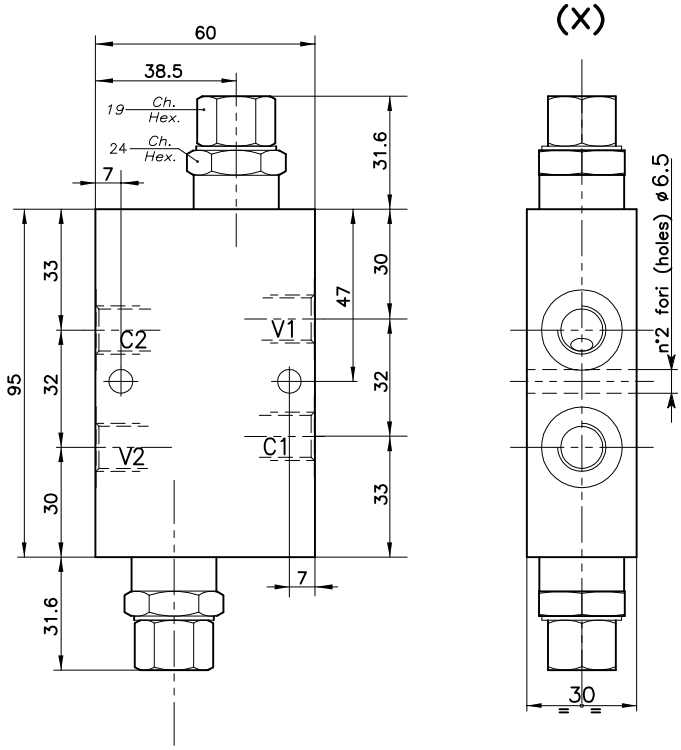
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–30–DEI–14–L

REGOLAZIONE *ADJUSTMENT*

Grano *Dowel* (X)

Piombata *Sealed* (H)



Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Piombata *Sealed*	H

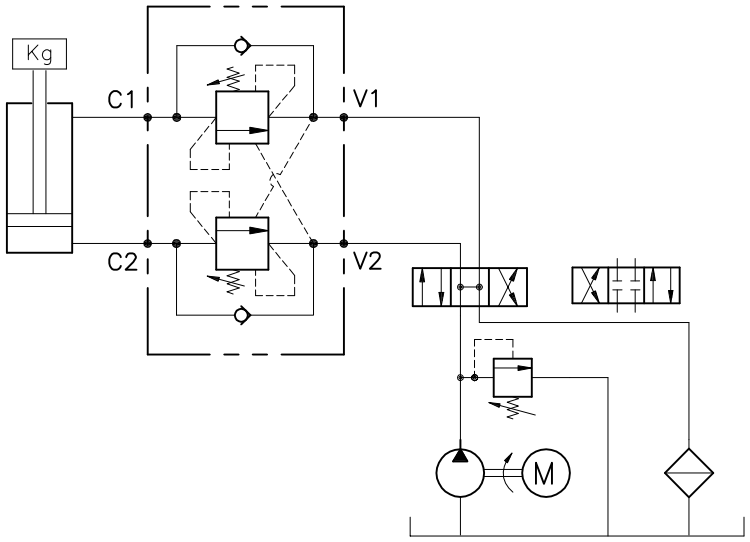
SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 280 bar (Colore verde) *Setting range 30 ÷ 280 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	R	S	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 250 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (––)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)							
OWC–30–DEI–14–L–✱	626								1/4"	6	25– *6*

0	0	1			0	0

CODICE ORDINAZIONE *ORDERING CODE*

ESEMPIO TIPICO DI CIRCUITO

TYPICAL CIRCUIT EXAMPLE

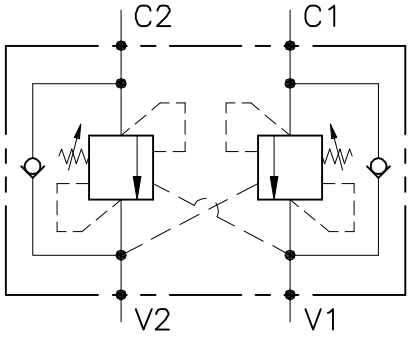


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, CON COLLETTORE IN LINEA. SERIE "OWB"

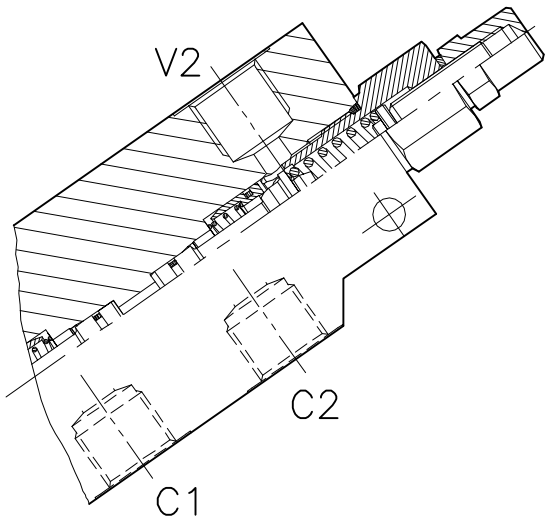
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWB–DE–...–LU–...

SCHEMA DI FUNZIONAMENTO

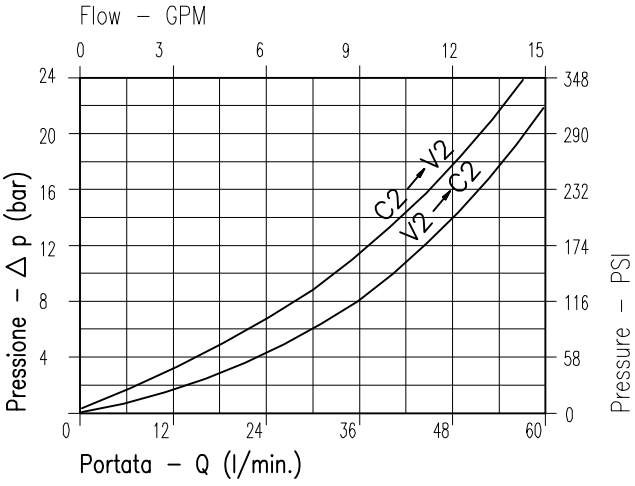


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	6 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in acciaio.
A richiesta corpo in alluminio.

Steel body valves as standard, aluminium body on request.

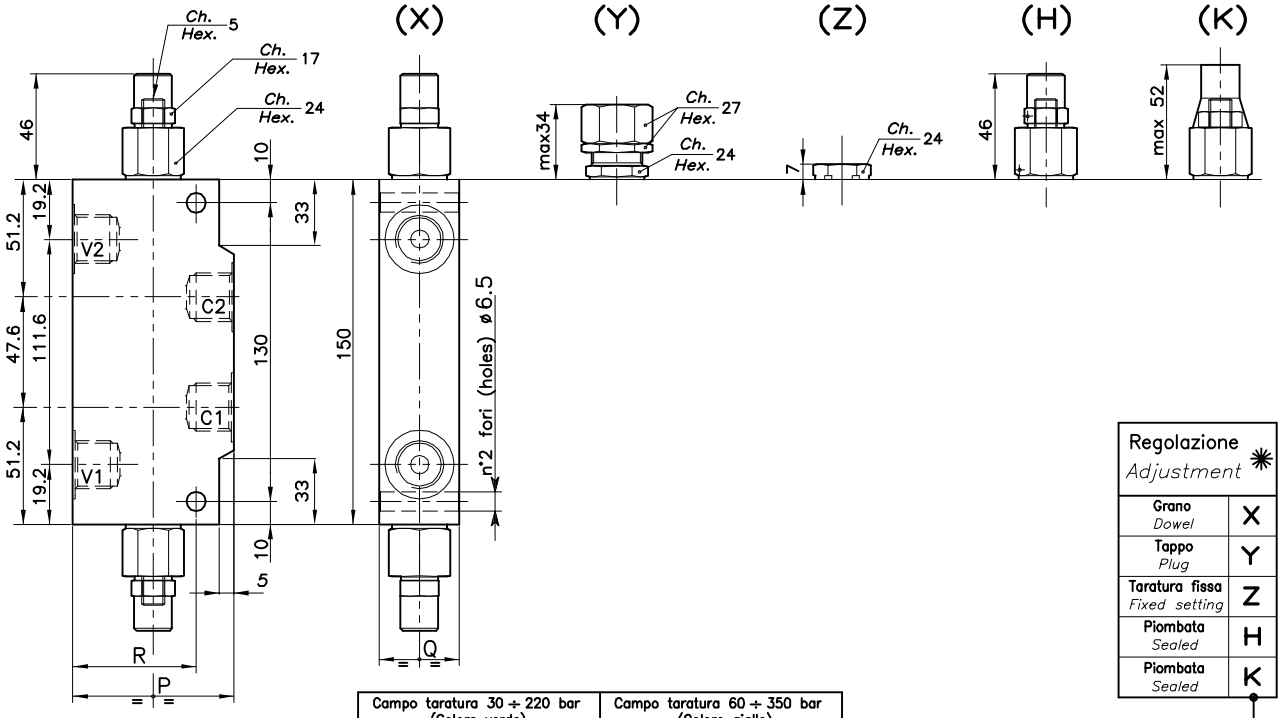
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

A–OWB–DE–...–LU–...

REGOLAZIONE / ADJUSTMENT

Grano / Dowel (X) — Tappo / Plug (Y) — Taratura fissa / Fixed setting (Z) — Piombata / Sealed (H) — Piombata / Sealed (K)



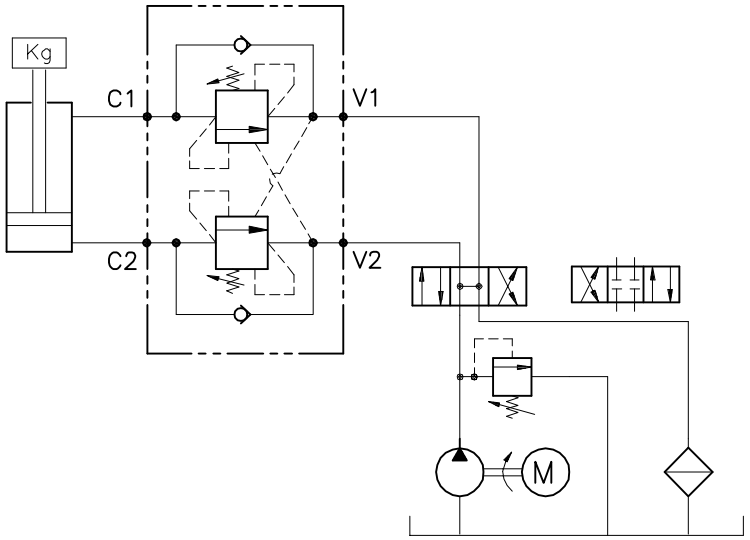
Regolazione / Adjustment	
Grano / Dowel	X
Tappo / Plug	Y
Taratura fissa / Fixed setting	Z
Piombata / Sealed	H
Piombata / Sealed	K

SIGLA VALVOLA / VALVE CODE	Campo taratura 30 ÷ 220 bar (Colore verde) / Setting range 30 ÷ 220 bar (Colour green): Taratura standard (Q=5 l/1') Std. bar setting (mode at 5 l/1') 220 bar	Incr. press. bar giro/vite Press. increase bar/turn (56)	Campo taratura 60 ÷ 350 bar (Colore giallo) / Setting range 60 ÷ 350 bar (Colour yellow): Taratura standard (Q=5 l/1') Std. bar setting (mode at 5 l/1') 350 bar	Incr. press. bar giro/vite Press. increase bar/turn (138)	P	Q	R	Attacchi Port size V2–C2 V1–C1 GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min– GPM
A–OWB–DE–14–LU–✱	079		078		60	30	47.5	1/4"	6	20– 5
A–OWB–DE–38–LU–✱	081		080					3/8"	8	40–10
A–OWB–DE–12–LU–✱	083		082		70	35	55	1/2"	10	60–15

0	0	1			0	0

CODICE ORDINAZIONE / ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

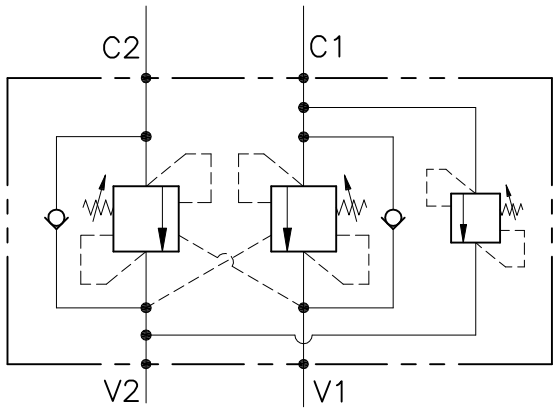


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO IN LINEA. SERIE "OWC-30"

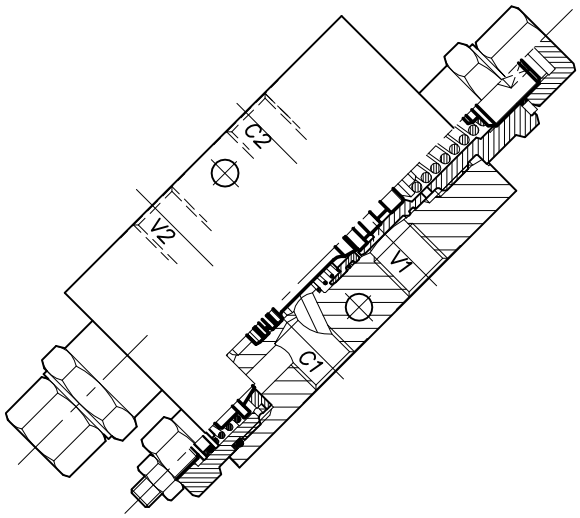
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC-30-DEI-VMPCI-14-L

SCHEMA DI FUNZIONAMENTO

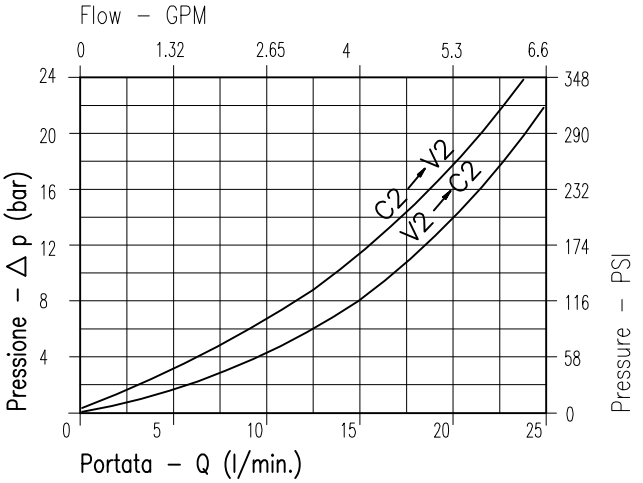


CRITERI PROGETTUALI



CARATTERISTICHE - *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	3 / 6
Portata min/max *Min/max flow-rate*	l/min-GPM	1/25 - 0.15/6.6
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4 ÷ 1
Temperatura ambiente *Room temperature*	°C	-30 +50
Temperatura olio *Oil temperature*	°C	-30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	76 ÷ 82
Peso *Weight*	Kg	0.300



Viscosita' olio 46 cSt a 50 °C
Oil viscosity 46 cSt at 50 °C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

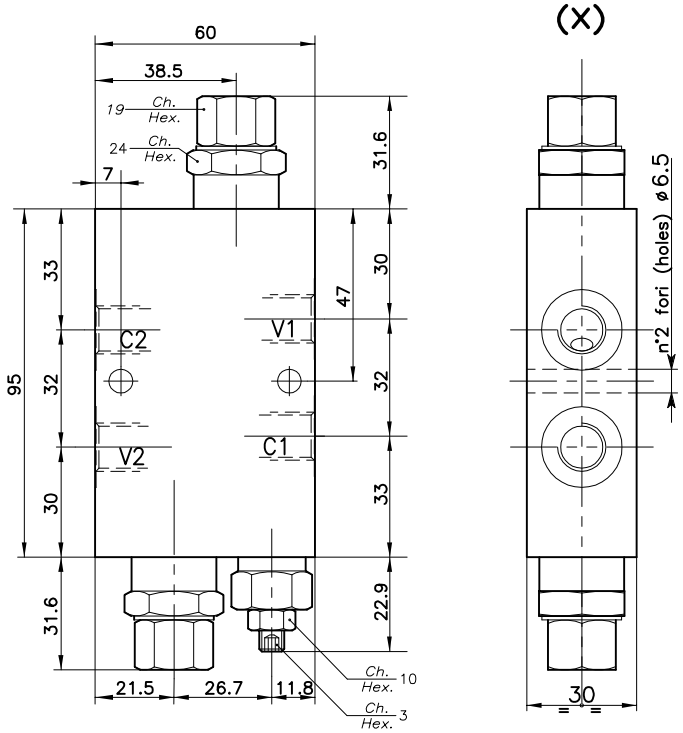
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC-30-DEI-VMPCI-14-L

REGOLAZIONE / *ADJUSTMENT*

Grano / *Dowel* (X)

Piombata / *Sealed* (H)



Regolazione / *Adjustment* ✱	
Grano / *Dowel*	X
Piombata / *Sealed*	H

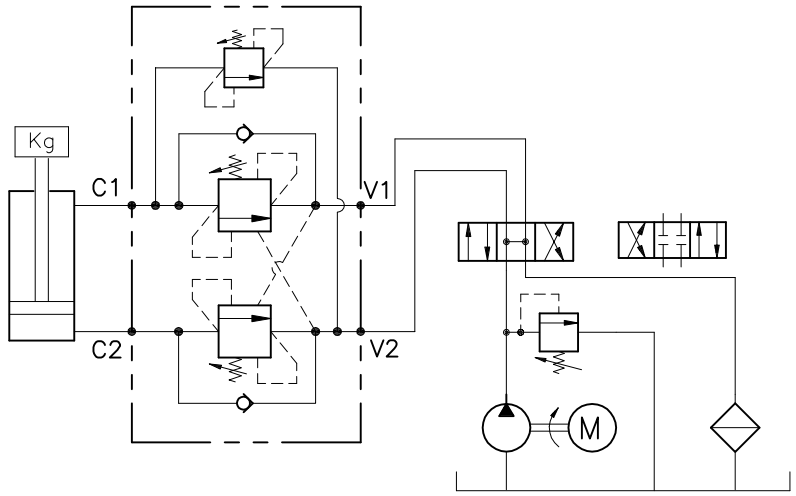
SIGLA VALVOLA / *VALVE CODE*	Campo taratura 30 ÷ 280 bar (Colore verde) / *Setting range 30 ÷ 280 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) / *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	R	S	Attacchi / *Port size* V2-C2 V1-C1 GAS *(BSPP)*	Luce nominale / *Rated size* DN	Portata max / *Max flow-rate* l/min- *GPM*
	Taratura standard (Q=5 l/1') / *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite / *Press. increase bar/turn*	Taratura standard (Q=5 l/1') / *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite / *Press. increase bar/turn*							
	250 bar	(--)	350 bar	(138)							
OWC-30-DEI-VMPCI-14-L✱	627								1/4"	6	25- *6*

0	0	1				0	0

CODICE ORDINAZIONE / *ORDERING CODE*

ESEMPIO TIPICO DI CIRCUITO

TYPICAL CIRCUIT EXAMPLE

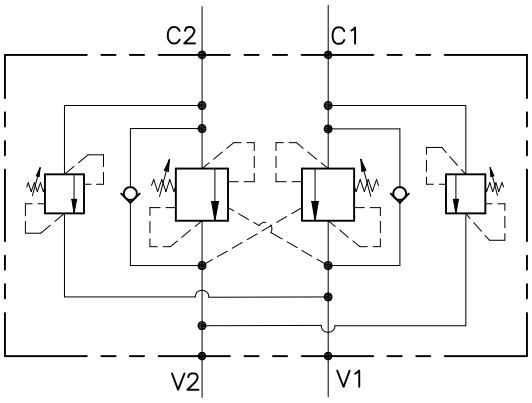


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO IN LINEA. SERIE "OWC–30"

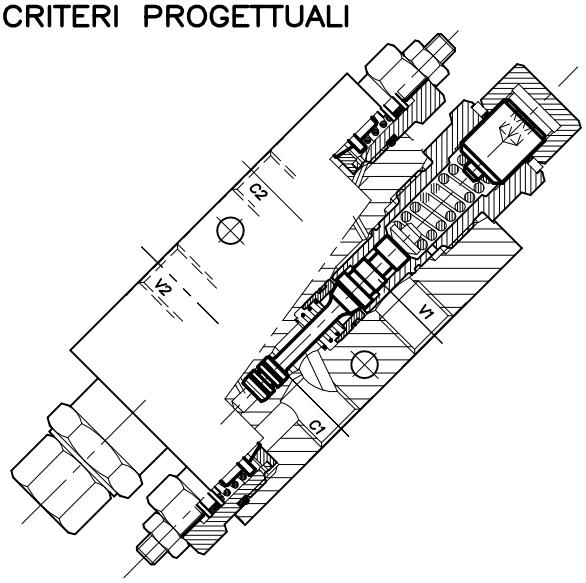
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–30–DE–2VMP–14

SCHEMA DI FUNZIONAMENTO

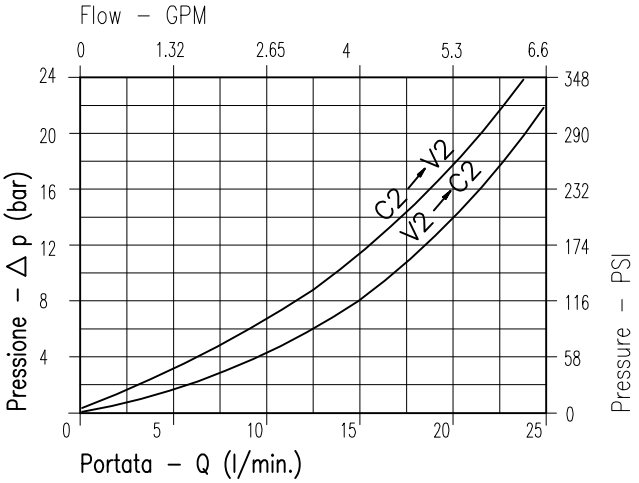


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	3 / 6
Portata min/max *Min/max flow–rate*	l/min–GPM	1/25 – 0.15/6.6
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4 ÷ 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	76 ÷ 82
Peso *Weight*	Kg	0.300



Viscosita' olio 46 cSt a 50 °C
Oil viscosity 46 cSt at 50 °C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

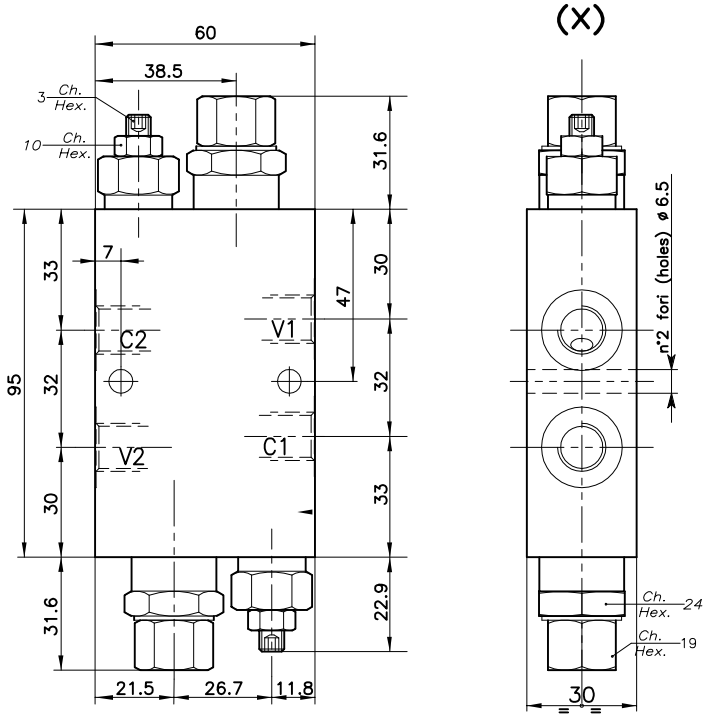
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC–30–DE–2VMP–14

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X) — Piombata *Sealed* (H)



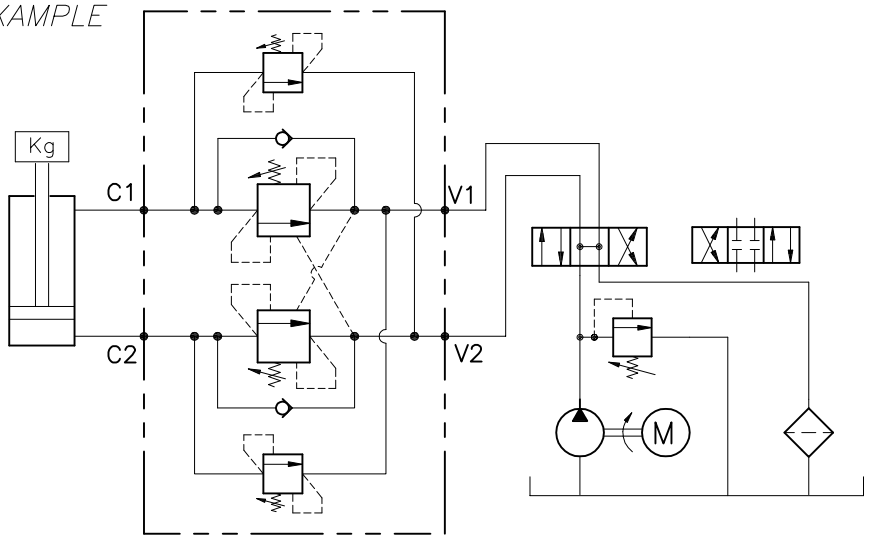
Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Piombata *Sealed*	H

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 280 bar (Colore verde) *Setting range 30 ÷ 280 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	R	S	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*							
	250 bar	(––)	350 bar	(138)							
OWC–30–DE–2VMP–14✱	628								1/4"	6	25– *6*

0	0	1			0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

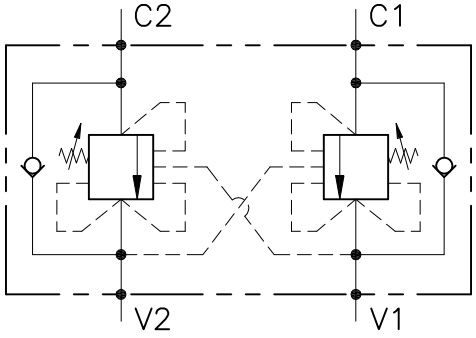


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, PER CIRCUITI A CENTRO CHIUSO, IN LINEA. "SERIE WBC–CC"

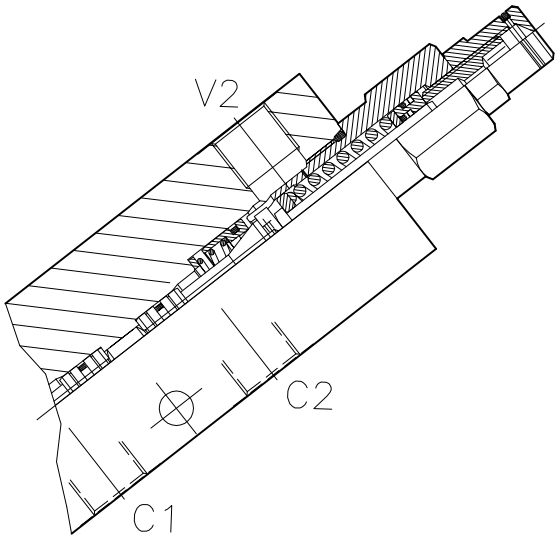
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

A–WB–CC–DE–LU–...–...

SCHEMA DI FUNZIONAMENTO



CRITERI PROGETTUALI

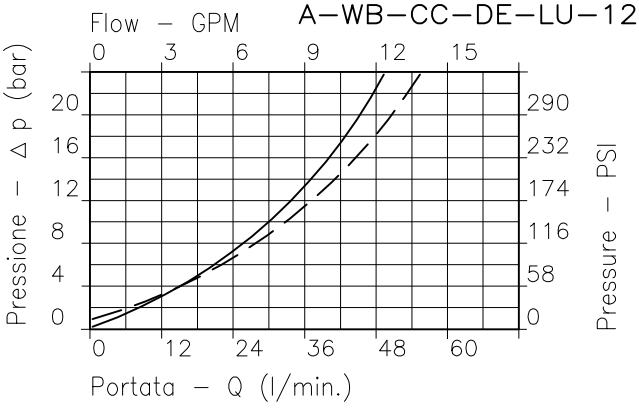


CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	6 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.5 ÷ 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE

A–WB–CC–DE–LU–38
A–WB–CC–DE–LU–12



V2----C2 C2——V2

Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

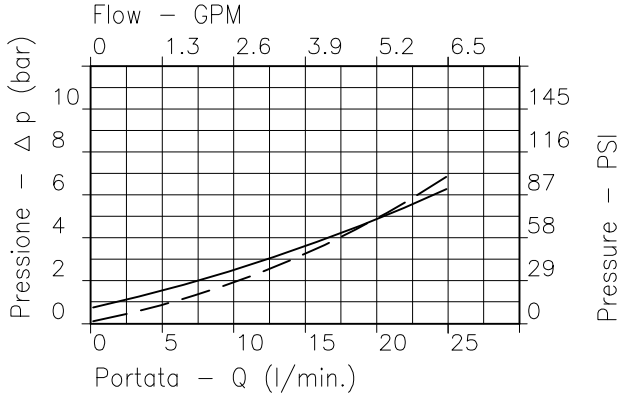
Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in acciaio.
A richiesta corpo in alluminio.

Steel body valves as standard, aluminium body on request.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE

A–WB–CC–DE–LU–14



V2----C2 C2——V2

Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

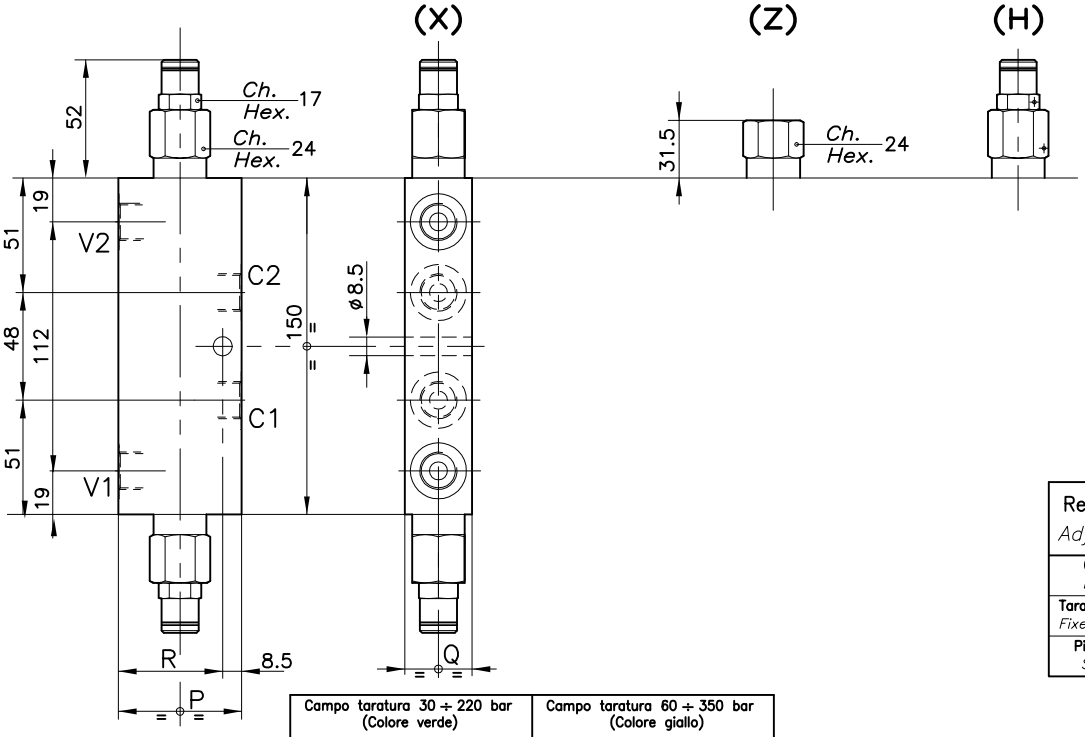
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

A–WB–CC–DE–LU–...–...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X) — Taratura fissa *Fixed setting* (Z) — Piombata *Sealed* (H)



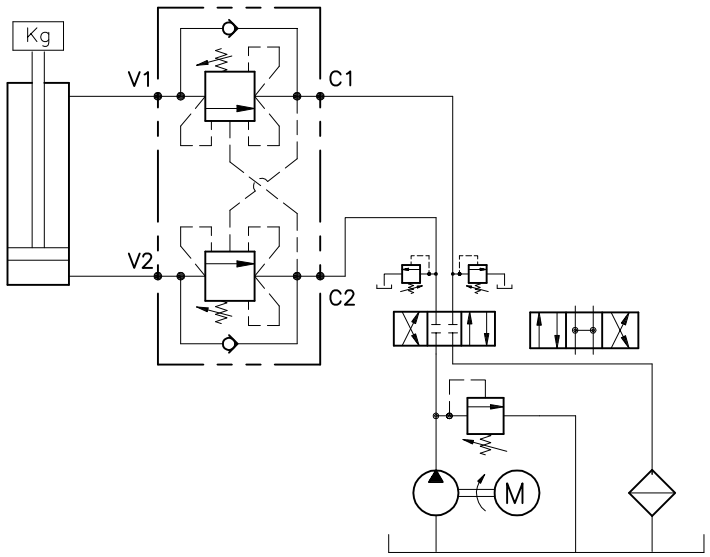
Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	R	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)						
A–WB–CC–DE–LU–14–✱	458		457		55	30	46.5	1/4"	6	20– *5*
A–WB–CC–DE–LU–38–✱	460		459					3/8"	8	40– *10*
A–WB–CC–DE–LU–12–✱	462		461		65	35	56.5	1/2"	10	60– *15*

0	0	1			0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

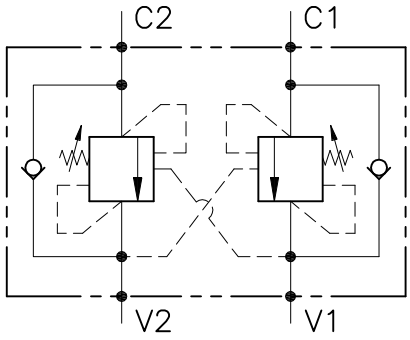


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, CON COLLETTORE IN LINEA. "SERIE OWC"

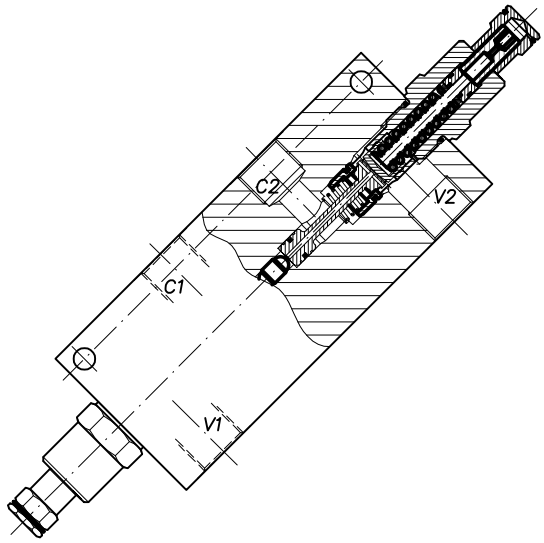
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–DE–...–LU–CC–...

SCHEMA DI FUNZIONAMENTO



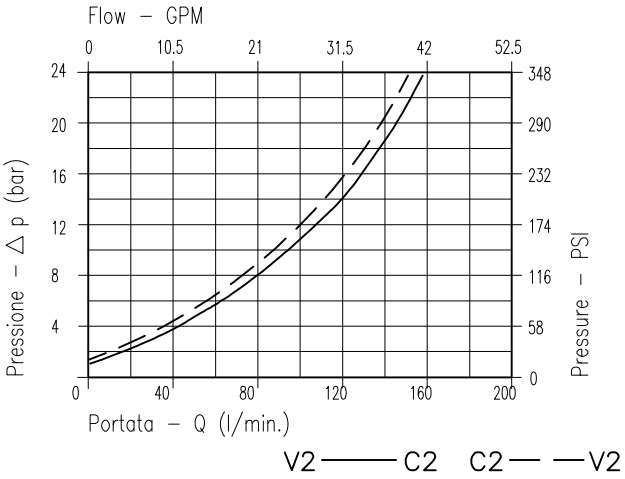
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	12 / 14
Portata min/max *Min/max flow–rate*	l/min–GPM	1/160 – 0.26/42.3
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		.
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

Aluminium body valves as standard, steel body on request.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

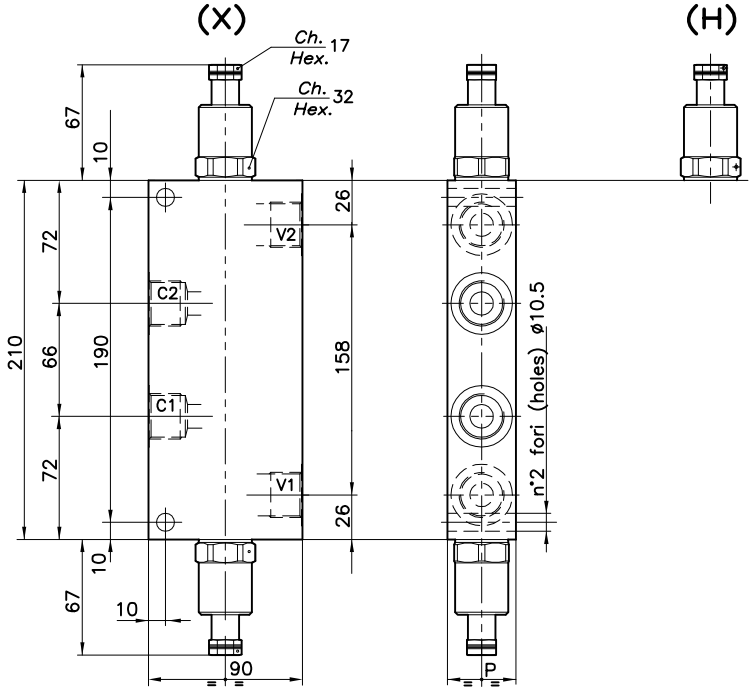
LUEN *HYDRAULIC VALVES AND INTEGRATED COMPONENTS* s.r.l. *ITALY*

OWC–DE–...–LU–CC–...

REGOLAZIONE *ADJUSTMENT* →

Grano *Dowel* **(X)**

Piombata *Sealed* **(H)**



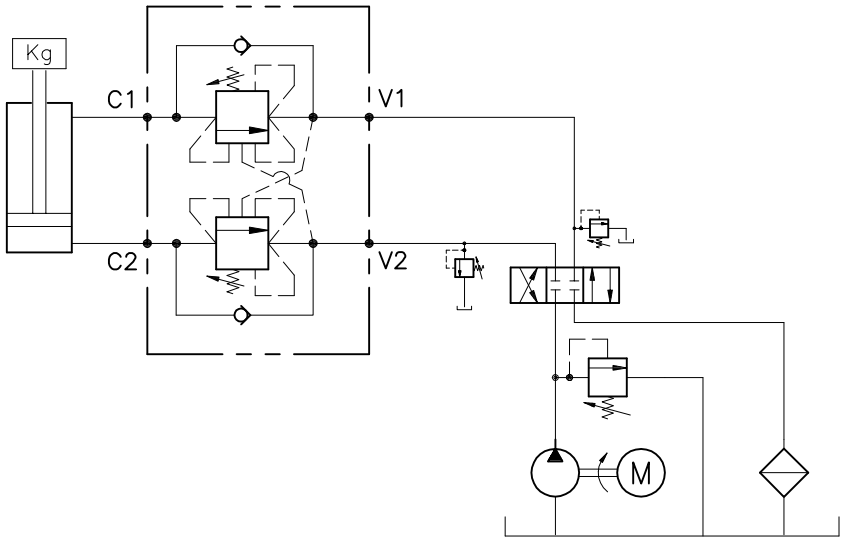
Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Piombata *Sealed*	H

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 30 ÷ 350 bar (Colore giallo) *Setting range 30 ÷ 350 bar (Colour yellow)*		P	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min – *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)				
OWC–DE–34–LU–CC– ✱			463		40	3/4"	12	120–*31*
OWC–DE–100–LU–CC– ✱			464		50	1"	14	180–*47*

0	0	1			0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

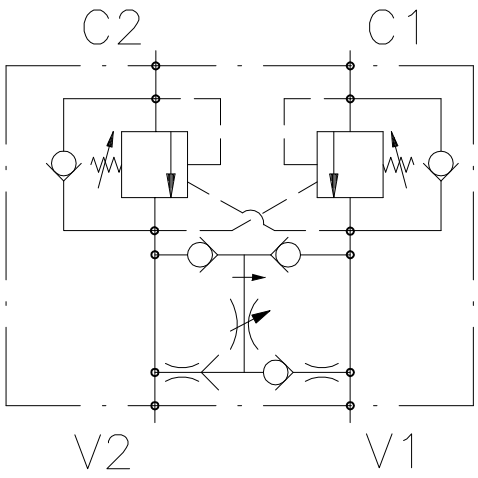


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO ROTAZIONE

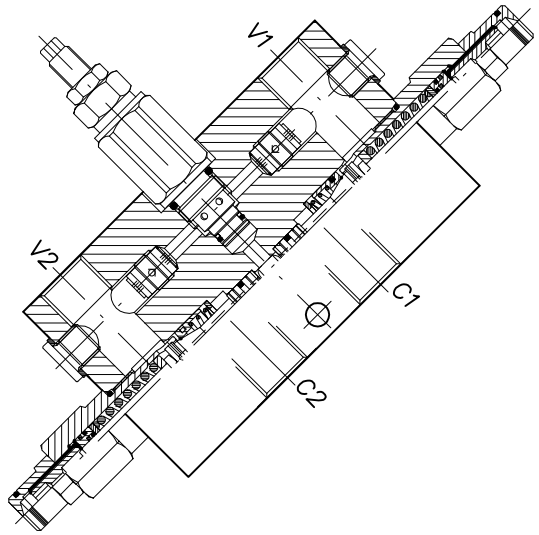
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB/CC-12/L-VSTC/20-R

SCHEMA DI FUNZIONAMENTO



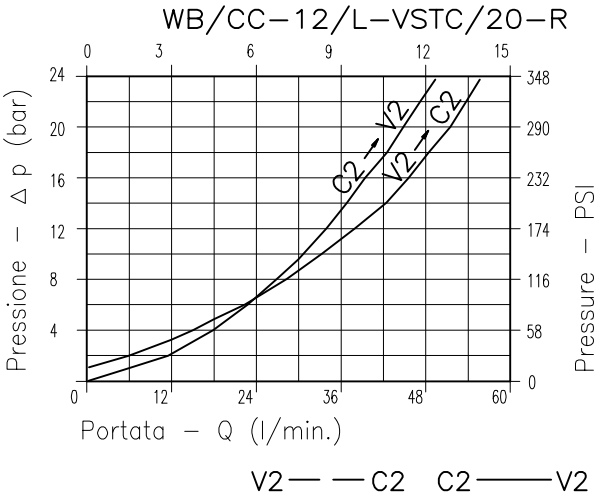
CRITERI PROGETTUALI



CARATTERISTICHE - *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	10
Portata min/max *Min/max flow-rate*	l/min-GPM	1/60 - 0.26/15
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	-30 +50
Temperatura olio *Oil temperature*	°C	-30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCE



V2 — — C2 C2 ——— V2

Viscosita' olio 46 cSt a 50° C - Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

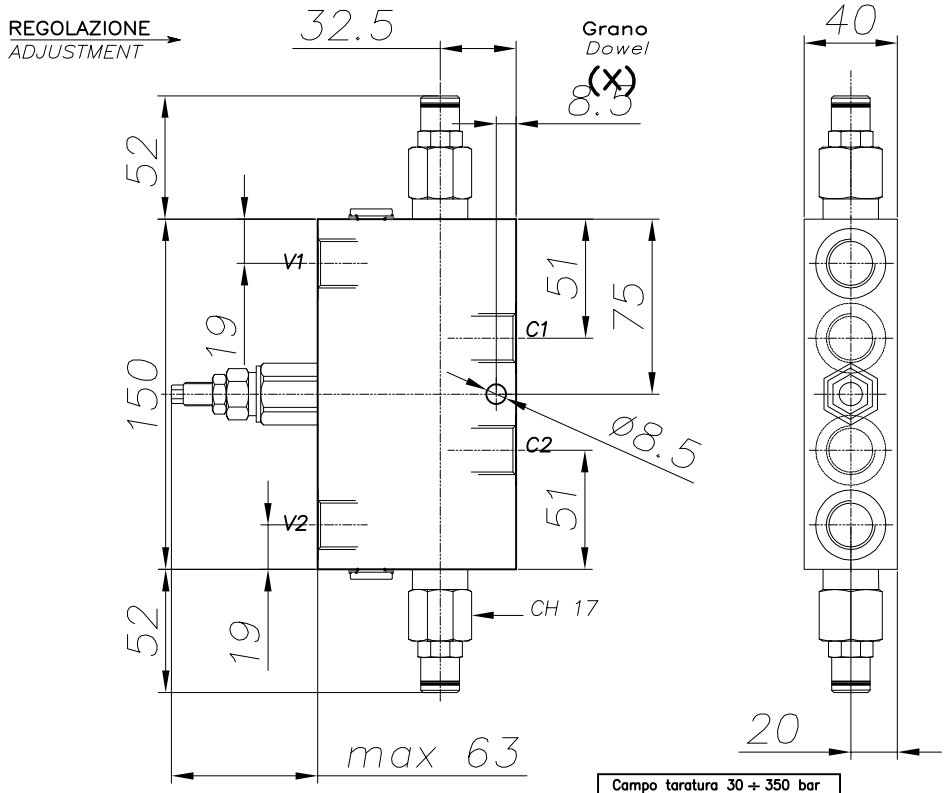
ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

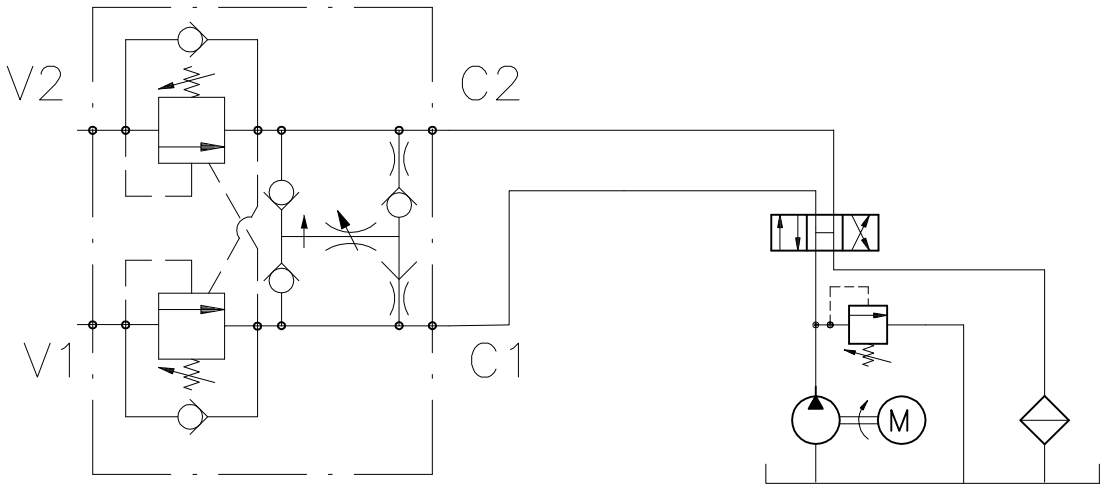
WB/CC-12/L-VSTC-20-R



SIGLA VALVOLA VALVE CODE	Campo taratura 30 ÷ 350 bar (Colore rosso) Setting range 30 ÷ 350 bar (Colour red) Taratura standard (Q=5 l/1') Std. bar setting (mode at 5 l/1') 220 bar	Incr. press. bar giro/vite Press. increase bar/turn (138)	Corpo Body	Attacchi Port size V2-V1 Pil. GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min- GPM
WB/CC-12/L-VSTC-20-R	105		Acciaio Steel	1/2"	10	60-15

0	1	0	4	8	9	
CODICE ORDINAZIONE ORDERING CODE						

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

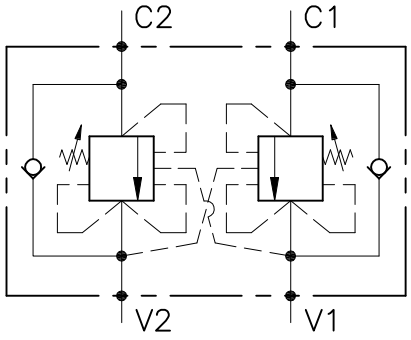


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO PER DISTRIBUTORI A CENTRO CHIUSO, FLANGIATA A BRUGOLA E INTERCAMBIABILE OIL CONTROL.

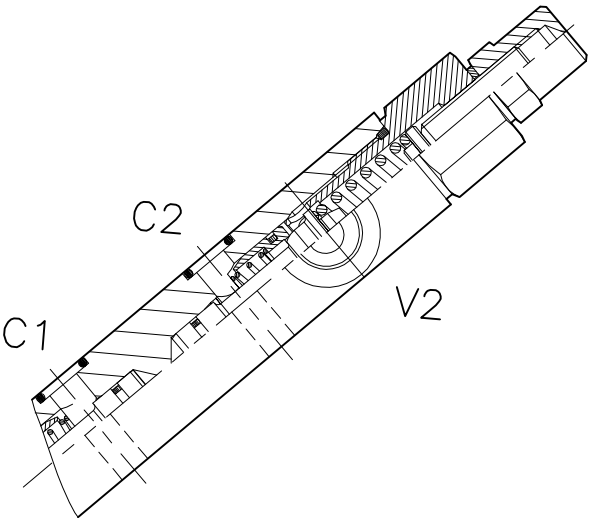
LUEN *HYDRAULIC VALVES AND INTEGRATED COMPONENTS* s.r.l. *ITALY*

WB–CCN–DE–...–LU–FC2–OIL–...

SCHEMA DI FUNZIONAMENTO



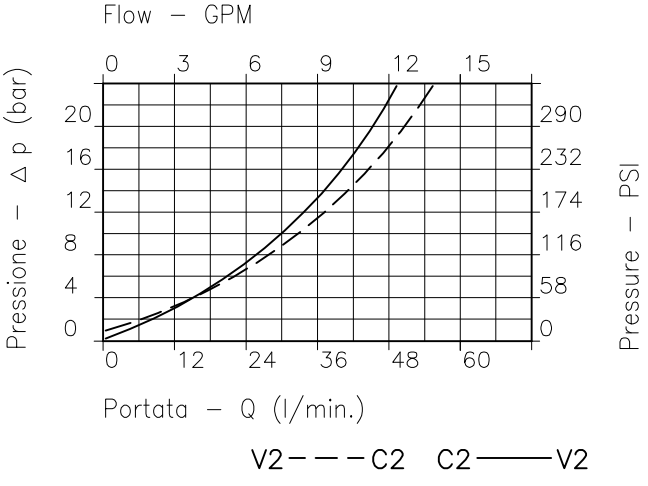
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		*Vedi pagina succ. See next page*
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

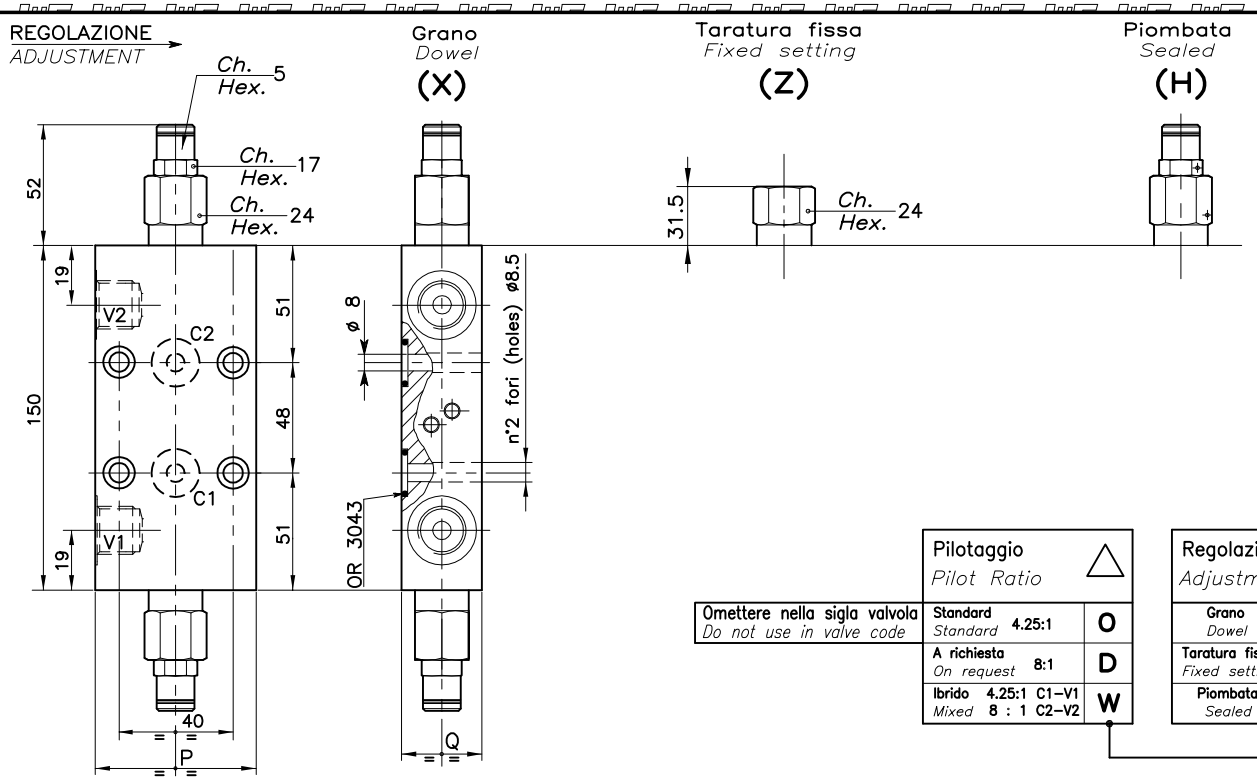
Aluminium body valves as standard, steel body on request.

NOTE:

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WB-CCN-DE-...-LU-FC2-OIL-...



Omettere nella sigla valvola *Do not use in valve code*	Pilotaggio *Pilot Ratio*	
	Standard *Standard* 4.25:1	O
	A richiesta *On request* 8:1	D
	Ibrido *Mixed* 4.25:1 C1–V1, 8 : 1 C2–V2	W

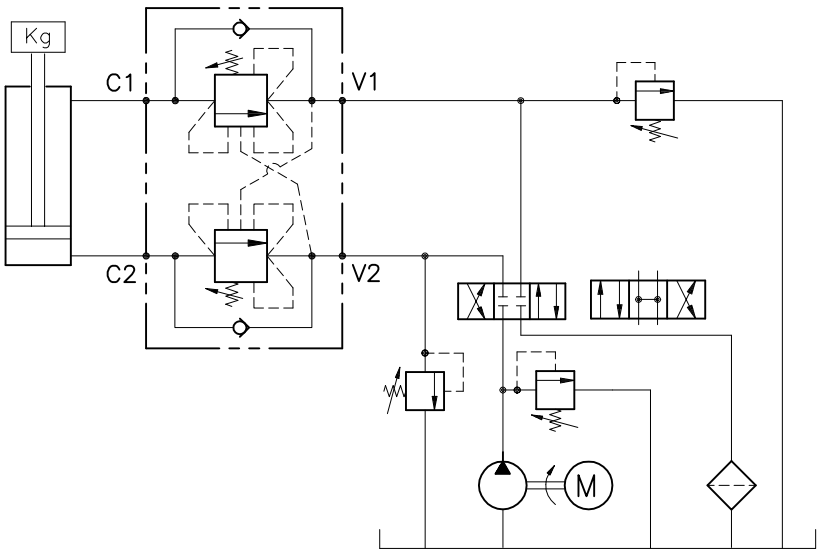
Regolazione *Adjustment*	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow-rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)					
WB-CCN-DE-38-LU-FC2-OIL-△-✱	121		120		55	29.5	3/8"	6	40–*10*
WB-CCN-DE-12-LU-FC2-OIL-△-✱	123		122		65	34.5	1/2"	8	60–*15*

0	0	1				0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

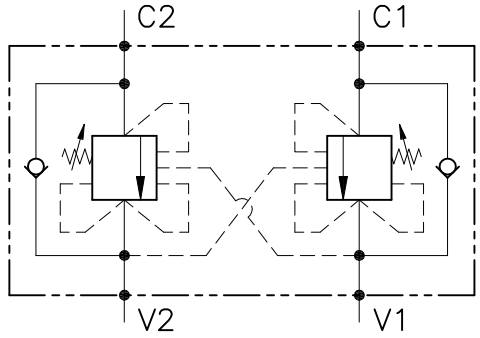


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO IN LINEA. SERIE "OWC–30"

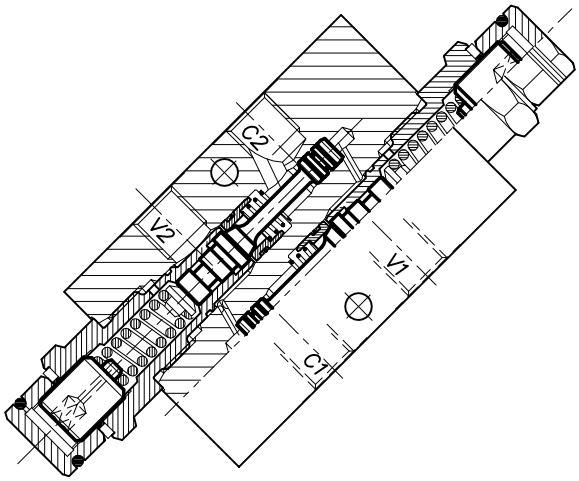
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–CC–30–DEI–14–L

SCHEMA DI FUNZIONAMENTO

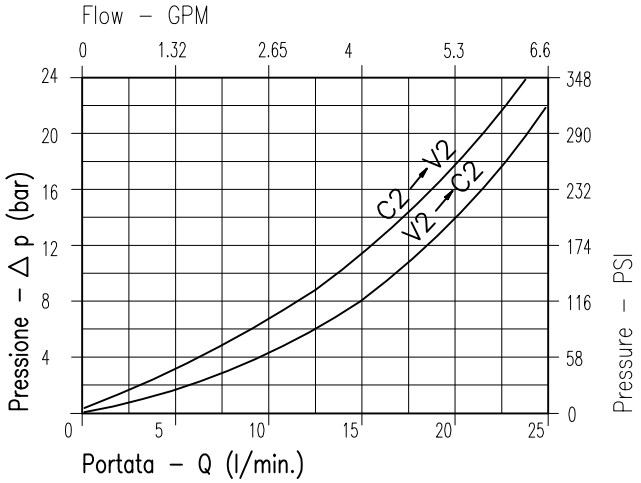


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	3 / 6
Portata min/max *Min/max flow–rate*	l/min–GPM	1/25 – 0.15/6.6
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4 ÷ 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	76 ÷ 82
Peso *Weight*	Kg	0.300



Viscosita' olio 46 cSt a 50 °C
Oil viscosity 46 cSt at 50 °C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

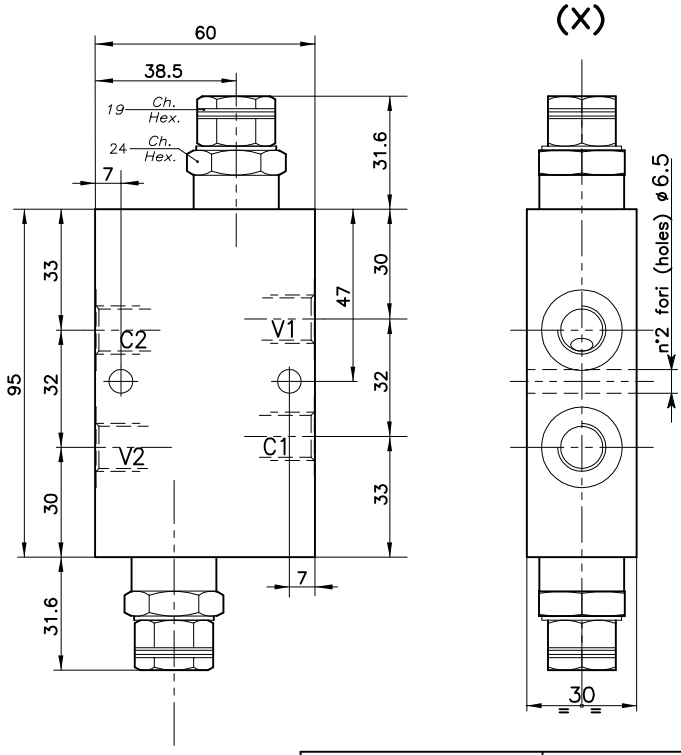
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

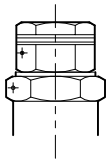
OWC–CC–30–DEI–14–L

REGOLAZIONE / *ADJUSTMENT*

Grano / *Dowel* (X)

Piombata / *Sealed* (H)





Regolazione / *Adjustment* ✱	
Grano / *Dowel*	X
Piombata / *Sealed*	H

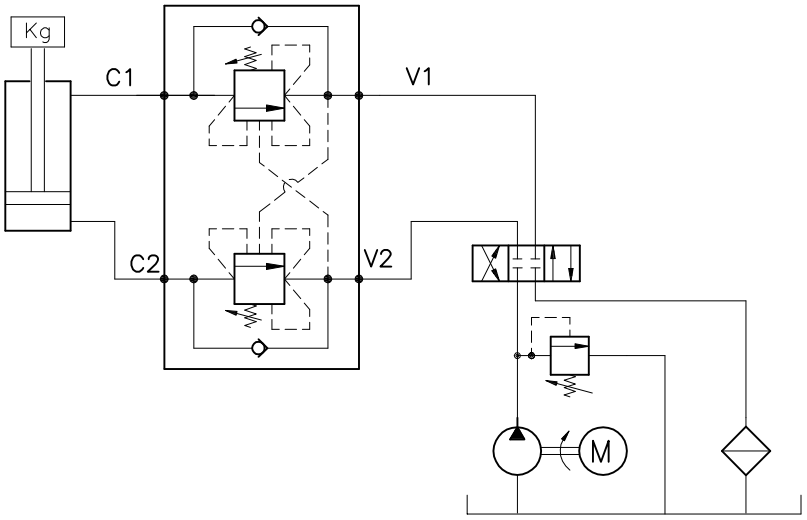
SIGLA VALVOLA / *VALVE CODE*	Campo taratura 30 ÷ 280 bar (Colore verde) / *Setting range 30 ÷ 280 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) / *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	R	S	Attacchi / *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale / *Rated size* DN	Portata max / *Max flow–rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') / *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite / *Press. increase bar/turn*	Taratura standard (Q=5 l/1') / *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite / *Press. increase bar/turn*							
	250 bar	(––)	350 bar	(138)							
OWC–CC–30–DEI–14–L–✱	...								1/4"	6	25– *6*

0	0	1			0	0

CODICE ORDINAZIONE / *ORDERING CODE*

ESEMPIO TIPICO DI CIRCUITO

TYPICAL CIRCUIT EXAMPLE

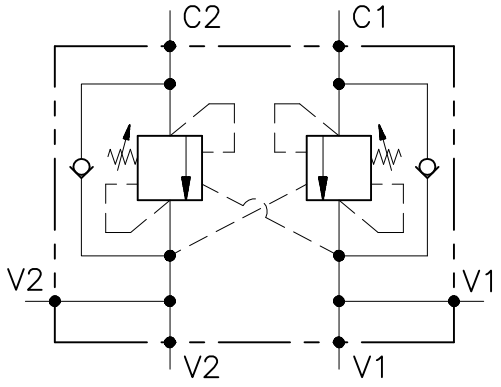


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, FLANGIATA (BULLONE).

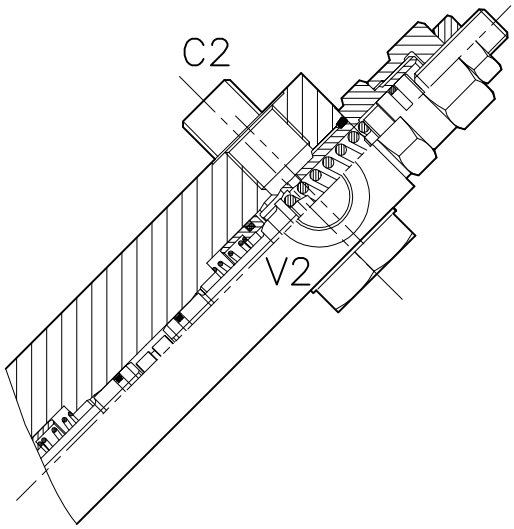
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB/DE–...FCB–...

SCHEMA DI FUNZIONAMENTO



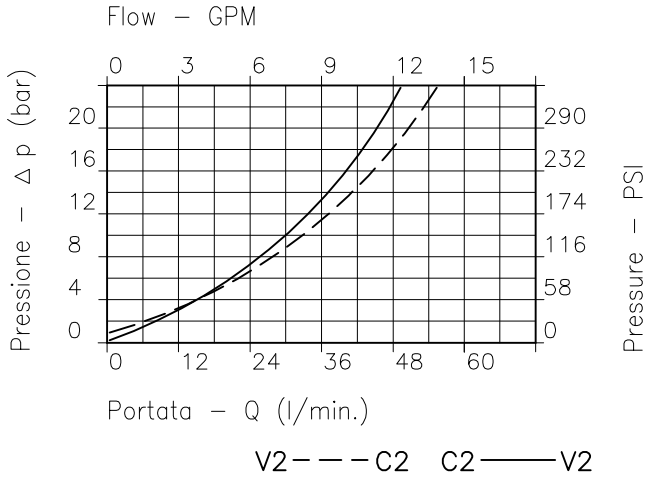
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25:1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	Vedi Pag.02
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

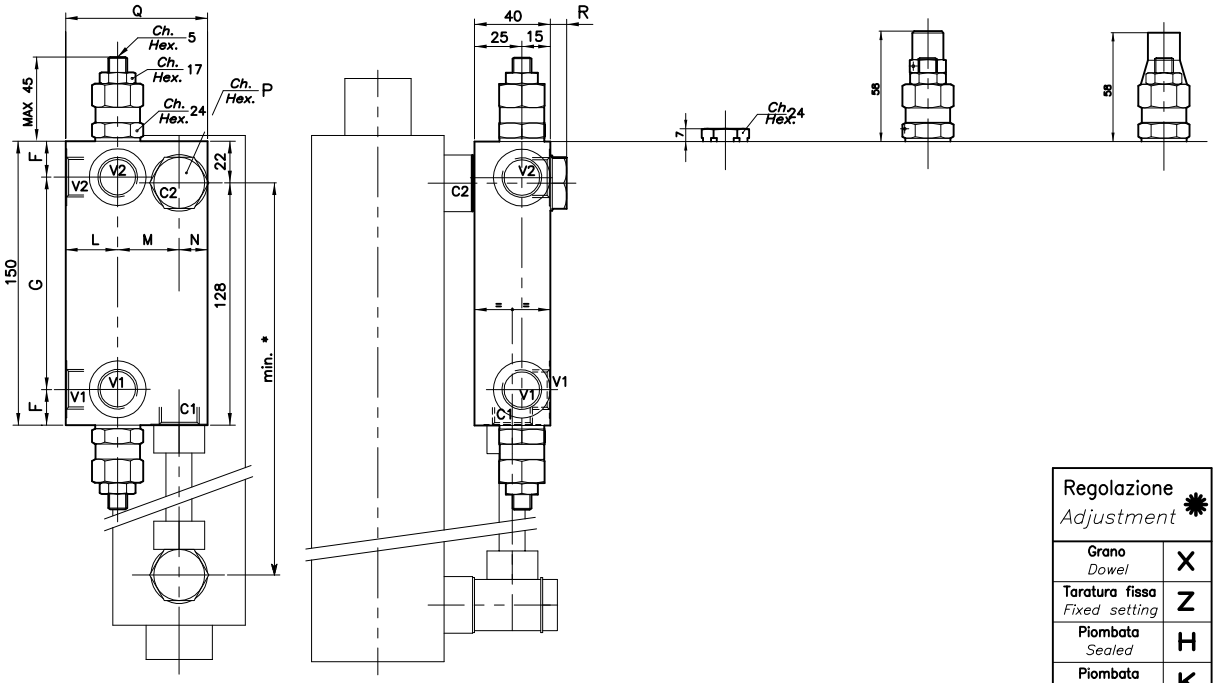
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WB–DE–...FCB–...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X)	Taratura fissa *Fixed setting* (Z)	Piombata *Sealed* (H)	Piombata *Sealed* (K)



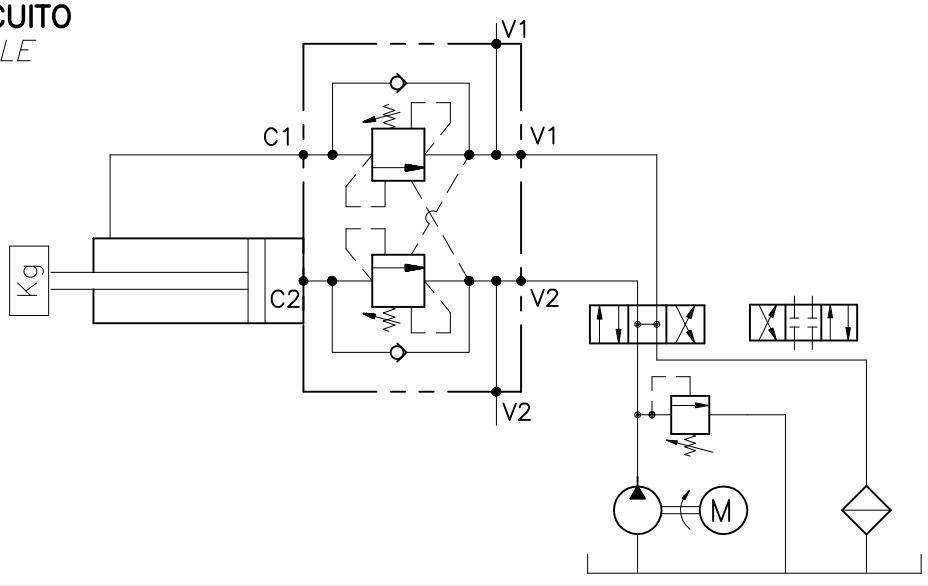
Regolazione * *Adjustment*	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		F	G	L	M	N	P	Q	R	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Coppia serr. Bullone *Tightening torque for* Nm	Portata max *Max flow-rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)											
WB–DE–38FCB– *			288		21	108	25	27	13	22	65	9	3/8"	63÷71	40–*10*
WB–DE–12FCB– *			289		19	112	27	32	16	27	72	10	1/2"	75÷85	60–*15*

0	0	1			0		0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

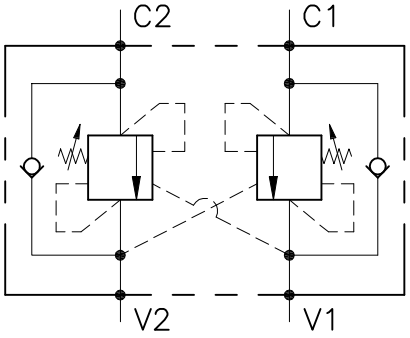


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, FLANGIATA A BRUGOLA (B04).

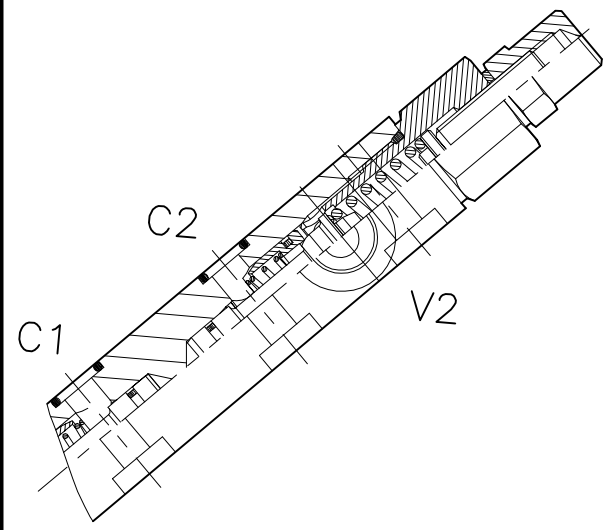
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–DE–...–LU–FC2–...

SCHEMA DI FUNZIONAMENTO



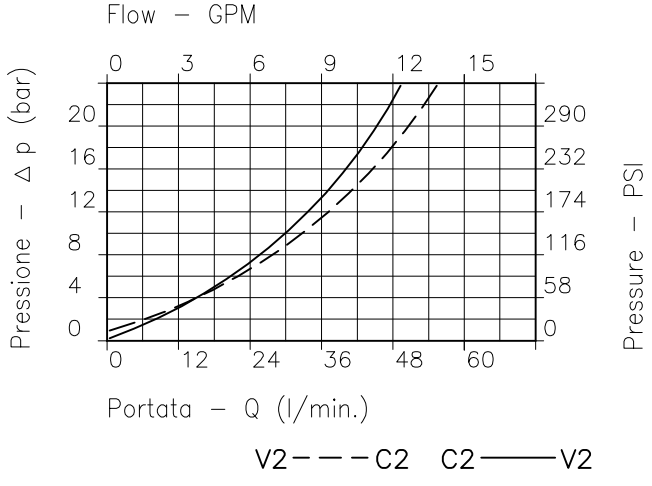
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	8 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		.
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in acciaio.
A richiesta corpo in alluminio.

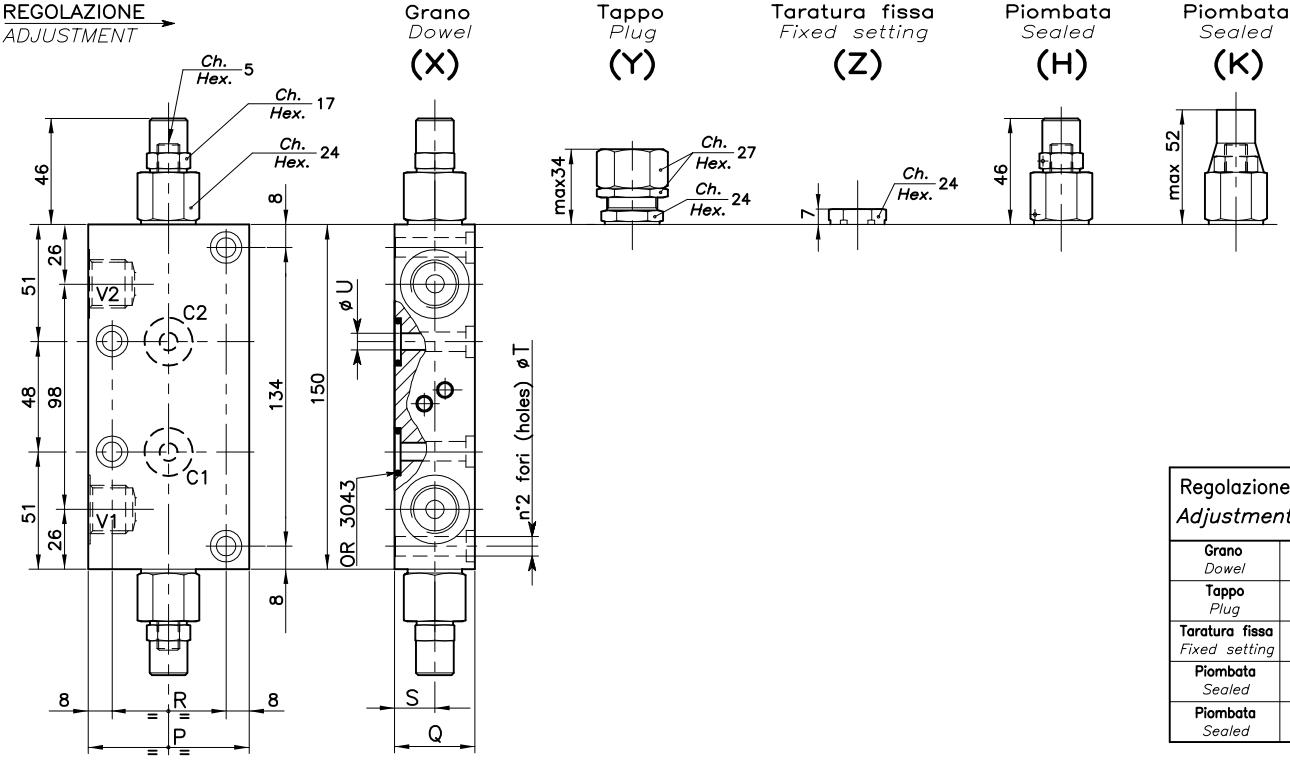
Steel body valves as standard, aluminium body on request.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC–DE–...–LU–FC2–...

REGOLAZIONE / *ADJUSTMENT*



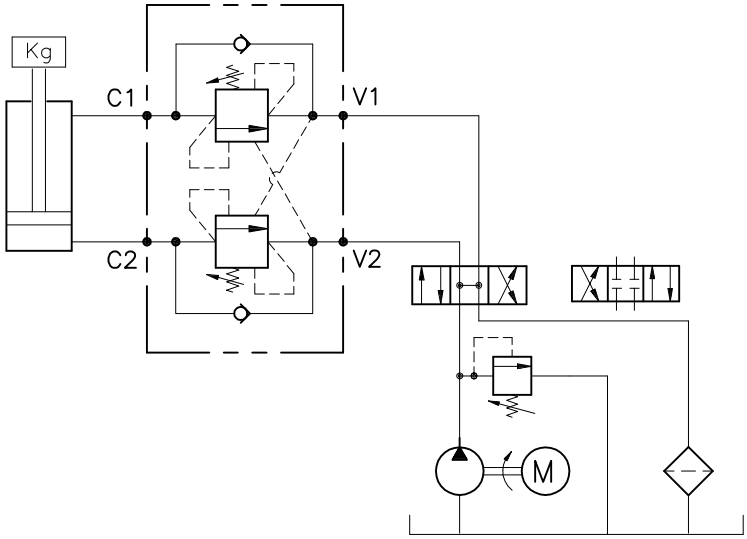
Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Tappo *Plug*	Y
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	R	S	T	U	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)									
OWC–DE–38–LU–FC2–✱	069		022		60	29.5	44	14.5	6.5	6	3/8"	8	40–*10*
OWC–DE–12–LU–FC2–✱	070		023		70	34.5	54	17	8.5	8	1/2"	10	60–*15*

0	0	1			0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

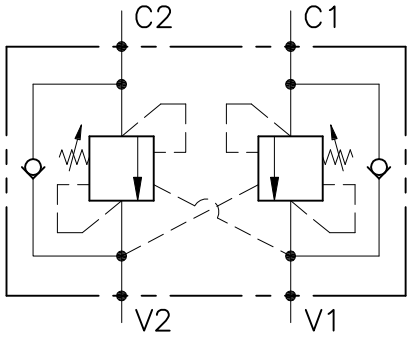


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, FLANGIATA A BRUGOLA E INTERCAMBIABILE OIL CONTROL.

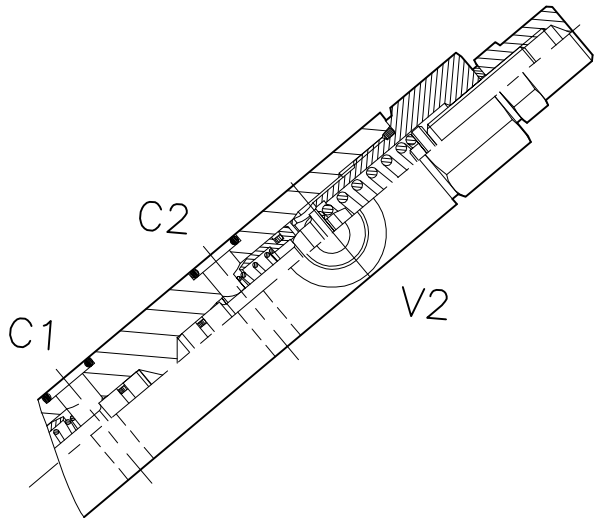
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–DE–...–LU–FC2–OIL–...

SCHEMA DI FUNZIONAMENTO



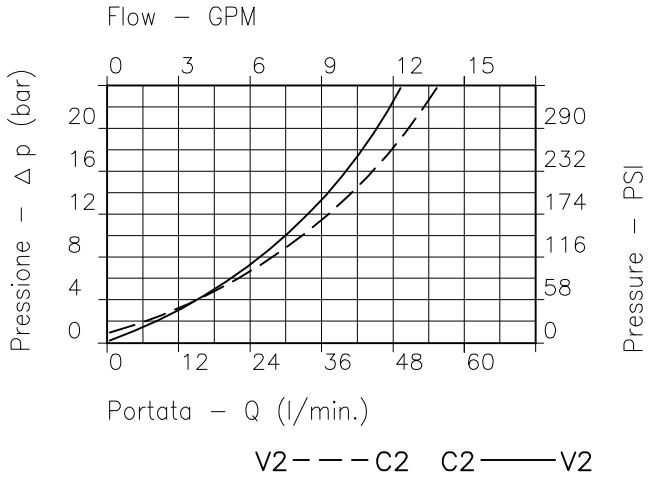
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		*Vedi pagina succ. See next page*
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

Aluminium body valves as standard, steel body on request.

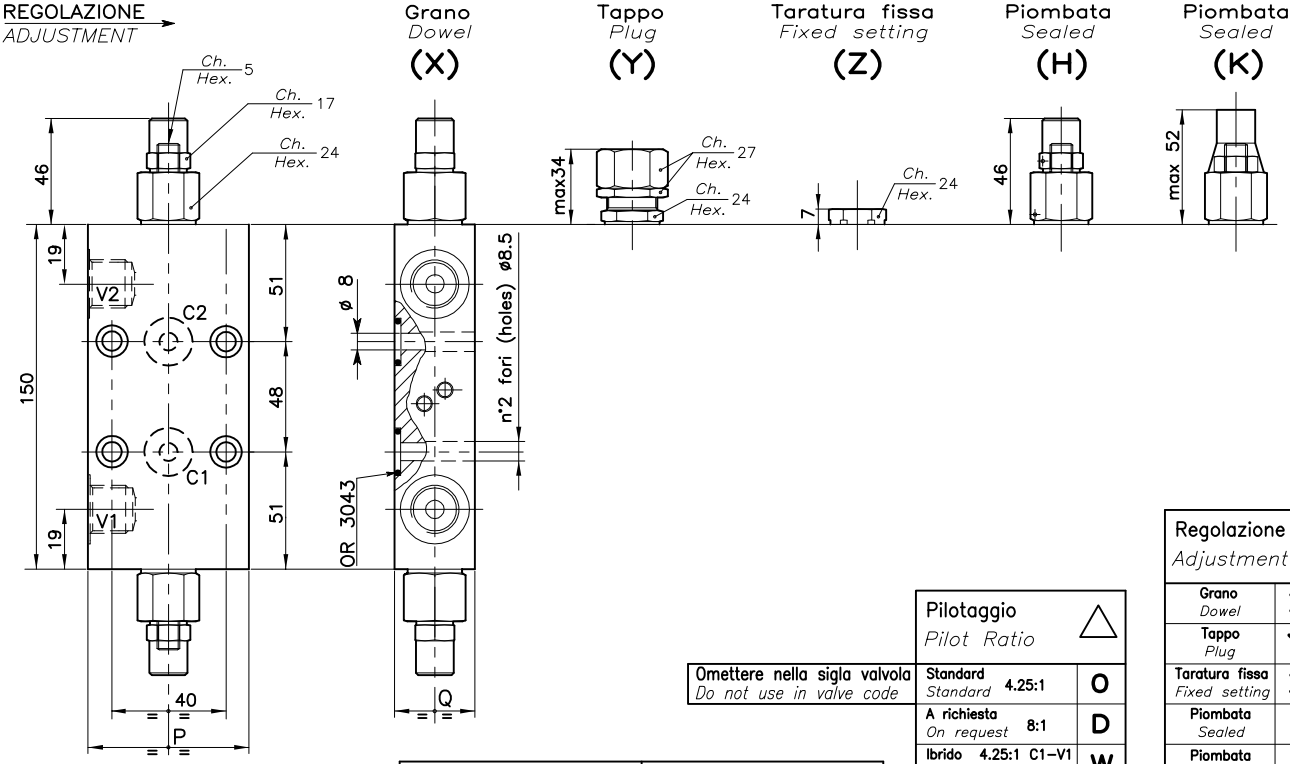
NOTE:

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC–DE–...–LU–FC2–OIL–...

REGOLAZIONE / ADJUSTMENT



Pilotaggio / Pilot Ratio		
Omettere nella sigla valvola / Do not use in valve code	Standard / Standard 4.25:1	O
	A richiesta / On request 8:1	D
	Ibrido / Mixed 4.25:1 C1–V1, 8 : 1 C2–V2	W

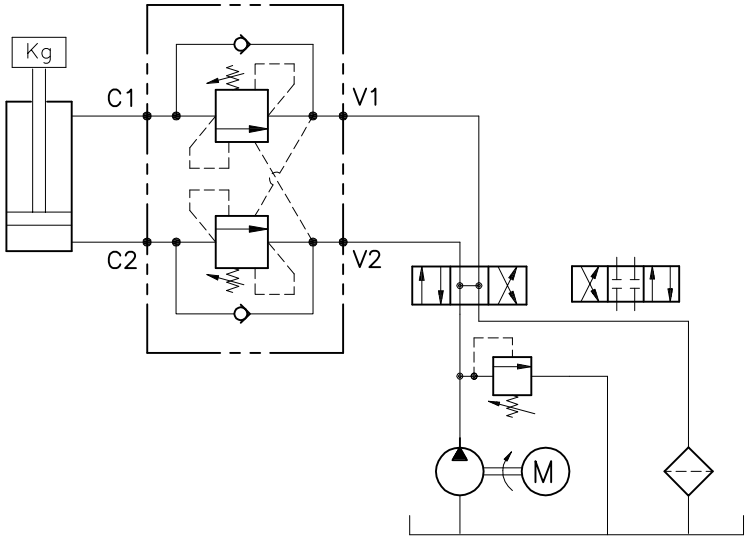
Regolazione / Adjustment	
Grano / Dowel	X
Tappo / Plug	Y
Taratura fissa / Fixed setting	Z
Piombata / Sealed	H
Piombata / Sealed	K

SIGLA VALVOLA / VALVE CODE	Campo taratura 30 ÷ 220 bar (Colore verde) / Setting range 30 ÷ 220 bar (Colour green)		Campo taratura 60 ÷ 350 bar (Colore giallo) / Setting range 60 ÷ 350 bar (Colour yellow)		P	Q	Attacchi Port size V2–C2 V1–C1 GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min– GPM
	Taratura standard (Q=5 l/1') Std. bar setting (mode at 5 l/1') 220 bar	Incr. press. bar giro/vite Press. increase bar/turn (56)	Taratura standard (Q=5 l/1') Std. bar setting (mode at 5 l/1') 350 bar	Incr. press. bar giro/vite Press. increase bar/turn (138)					
OWC–DE–38–LU–FC2–OIL–△–✱	048		027		55	29.5	3/8"	8	40–10
OWC–DE–12–LU–FC2–OIL–△–✱	050		029		65	34.5	1/2"	8	60–15

0	0	1				0

CODICE ORDINAZIONE / ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

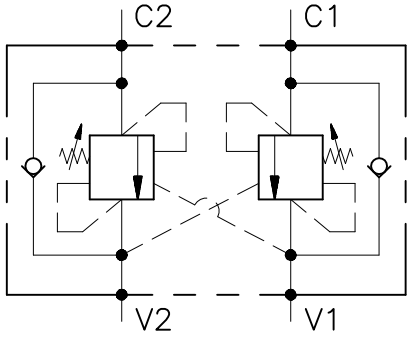


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, FLANGIATA A BRUGOLA (B04).

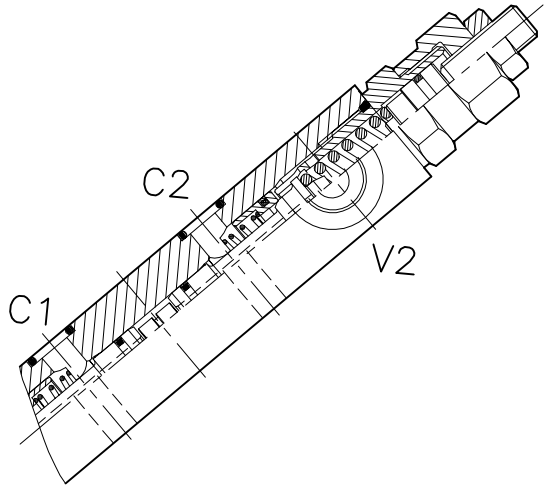
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB–DE–...–LU–FC2–OIL–...–...

SCHEMA DI FUNZIONAMENTO



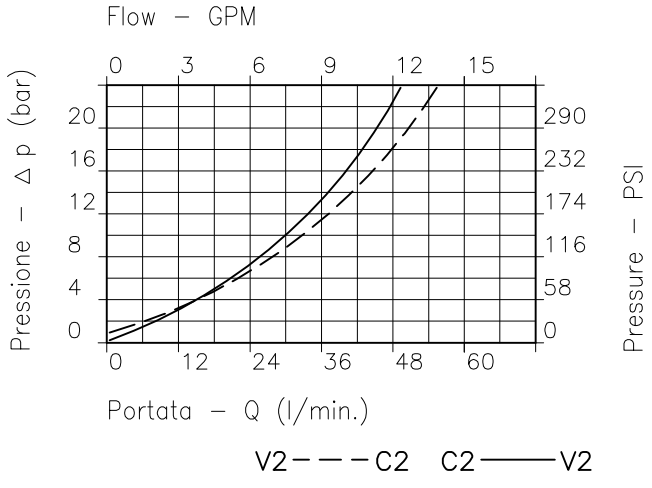
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		Vedi Pag.06
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	.
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in acciaio.
A richiesta corpo in alluminio.

Steel body valves as standard, aluminium body on request.

NOTE:

Elevata linearità di funzionamento.
Utilizzare solo con portate superiori a 5 Litri/min.

High working linearity.
To use with a minimum flow rate of 1.3 GPM.

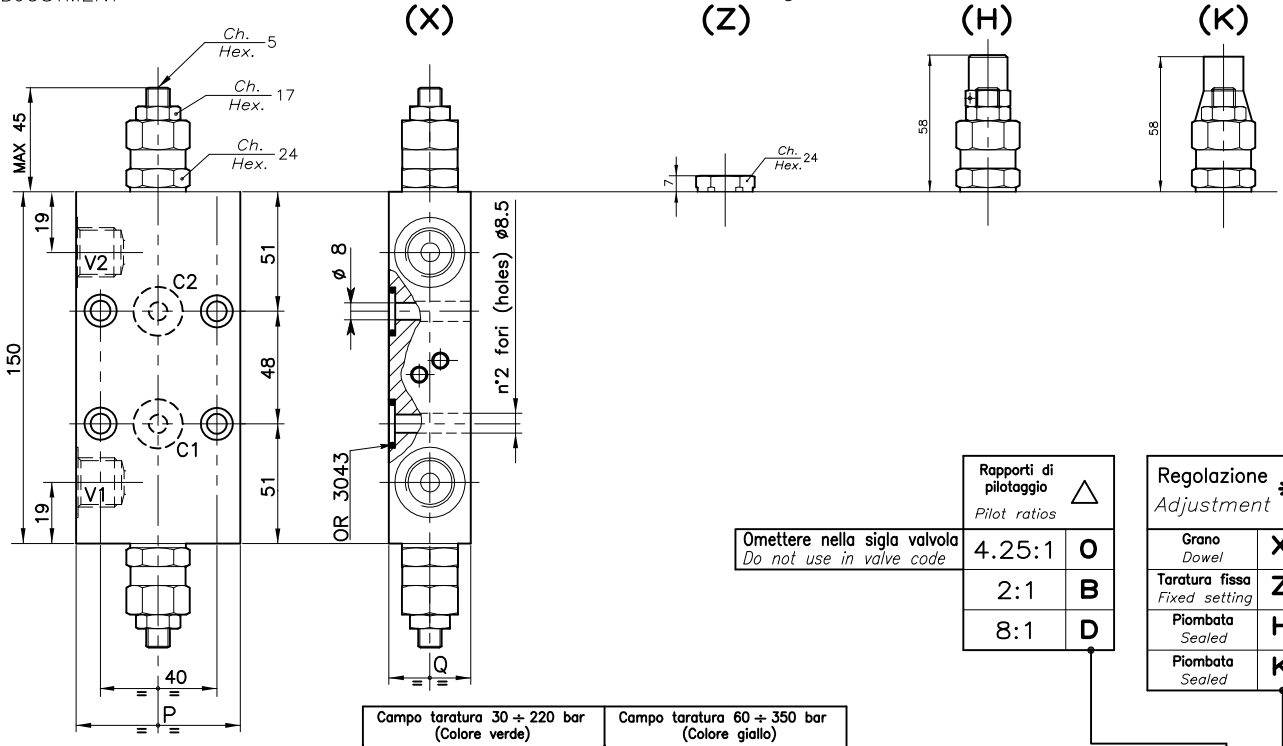
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WB–DE–...–LU–FC2–OIL–...–...

REGOLAZIONE / ADJUSTMENT

Grano *Dowel* (X)	Taratura fissa *Fixed setting* (Z)	Piombata *Sealed* (H)	Piombata *Sealed* (K)



Omettere nella sigla valvola *Do not use in valve code*	Rapporti di pilotaggio *Pilot ratios* △	
	4.25:1	0
	2:1	B
	8:1	D

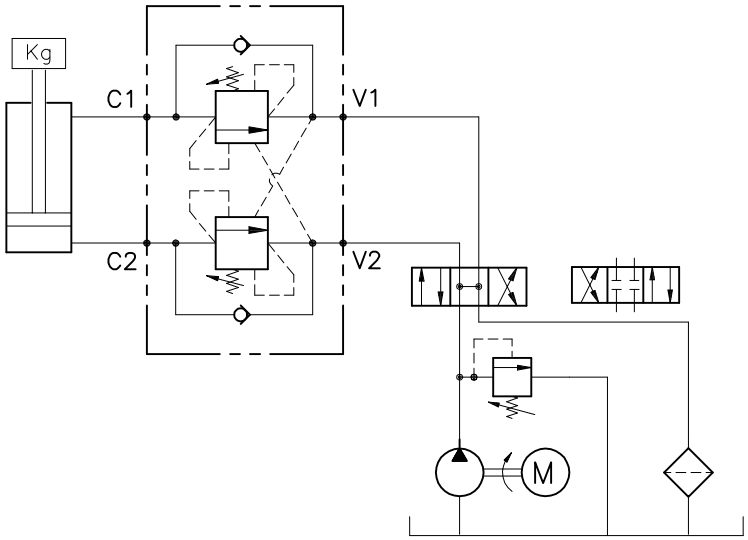
Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		P	Q	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)					
WB–DE–38–LU–FC2–OIL–△–✱	047		026		55	29.5	3/8"	8	40–*10*
WB–DE–12–LU–FC2–OIL–△–✱	049		028		65	34.5	1/2"	8	60–*15*

0	0	1				0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

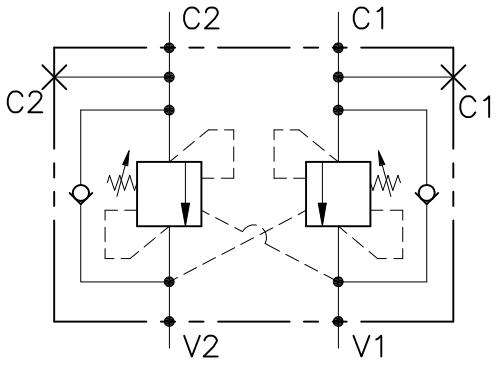


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, CON COLLETTORE IN ALLUMINIO PRESSOFUSO, FLANGIATO A BRUGOLA. SERIE "WBCCA"

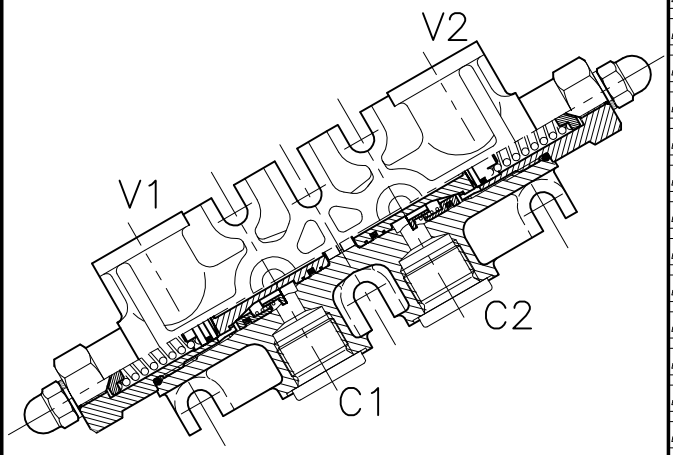
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

F–WBCCA–DE–...–FC2

SCHEMA DI FUNZIONAMENTO

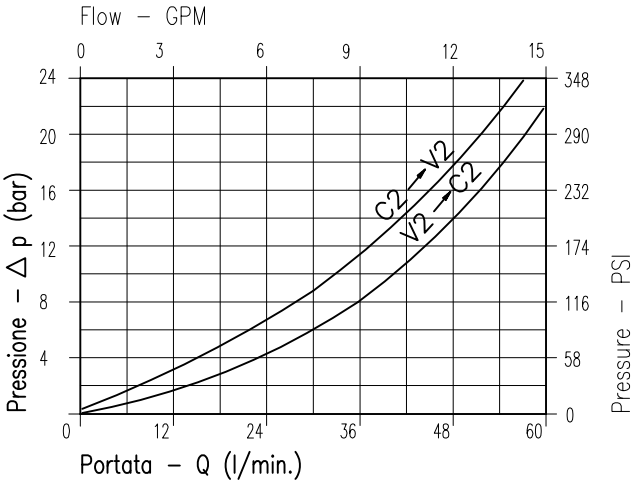


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	6 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		Pag. seguente
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Peso *Weight*	Kg	0.770



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

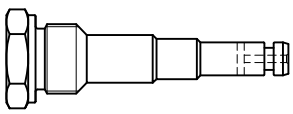
Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio cromato, cartuccie in acciaio zincato.

Aluminium chromium–plating body valves as standard, cartriges on galvanized steel.



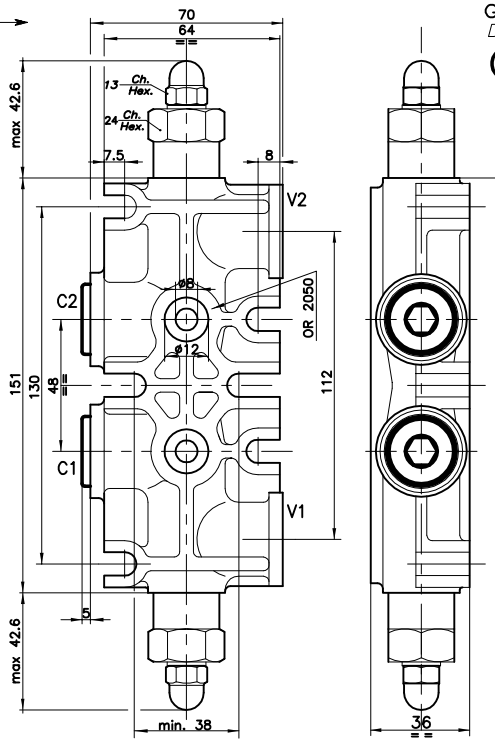
Tappo per trasformare la valvola da versione doppio effetto a semplice effetto e con possibilità di limitare il flusso di pilotaggio con ziglori al suo interno.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

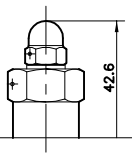
F–WBCCA–DE–...–FC2–...

REGOLAZIONE / *ADJUSTMENT*

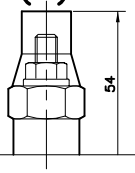


Grano *Dowel* (X)

Piombata *Sealed* (H)



Piombata *Sealed* (K)



Rapporto di pilotaggio △ *Pilot ratios*		
Omettere nella sigla valvola *Do not use in valve code*	4.25:1	O
	2:1	B
Solo per portate > 5 L/min *Only flow rate > 5 L/min*	8:1	D

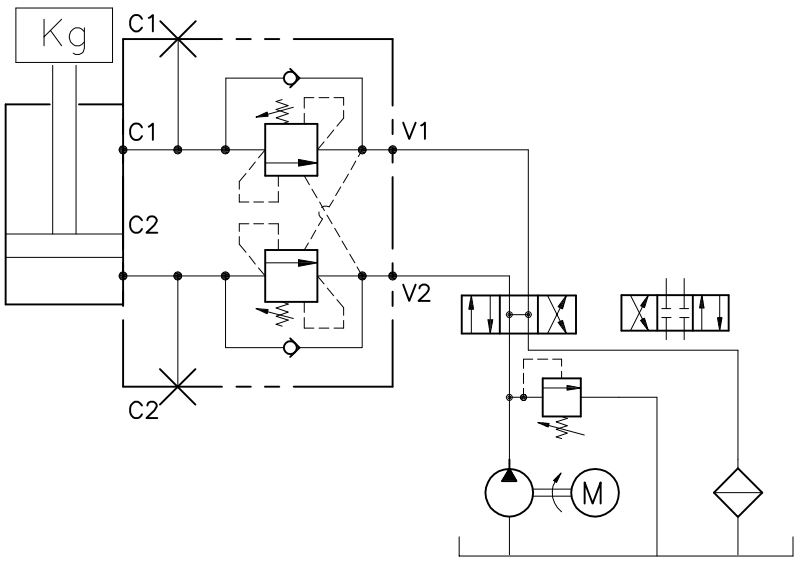
Regolazione ✱ *Adjustment*	
Grano *Dowel*	X
Piombata *Sealed*	H
Piombata *Sealed*	K

SIGLA VALVOLA *VALVE CODE*	Campo taratura 30 ÷ 280 bar (Colore verde) *Setting range 30 ÷ 280 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi *Port size* V2 V1 GAS *(BSPP)*	Luce nominale *Rated size* DN	Portata max *Max flow–rate* l/min– *GPM*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 250 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (––)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)			
F–WBCCA–DE–14–FC2–△– ✱	....		632		1/4"	8	20– *5*
F–WBCCA–DE–38–FC2–△– ✱	....		633		3/8"	8	40– *10*
F–WBCCA–DE–12–FC2–△– ✱	....		634		1/2"	8	60– *15*

0	0	1					0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

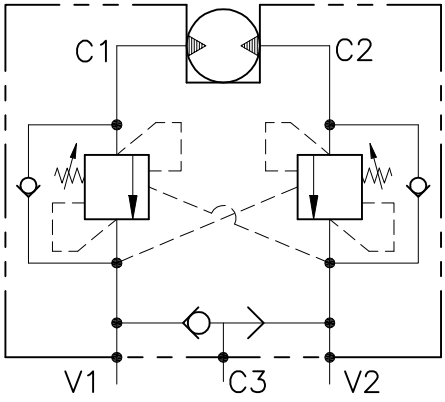


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, CON COLLETTORE FLANGIATO MOTORE CON BRUGOLE "SERIE OWC–100"

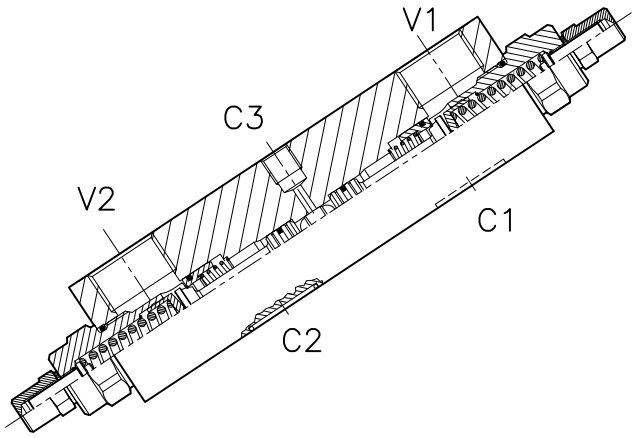
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–DE–VFF–...–14–FMV2–...

SCHEMA DI FUNZIONAMENTO



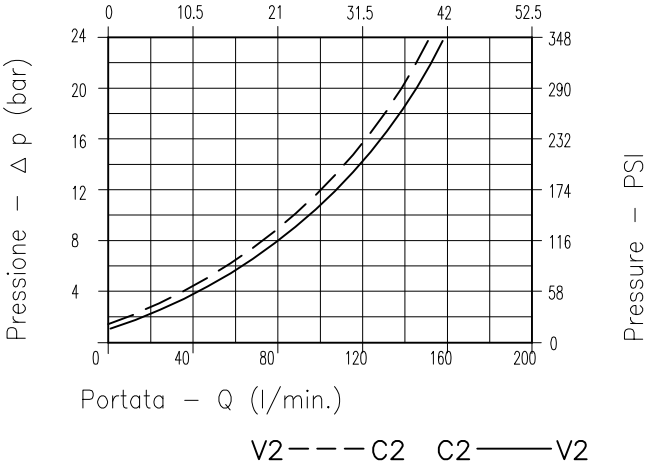
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	14 / 15
Portata min/max *Min/max flow–rate*	l/min–GPM	1/180 – 0.26/47
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		6.2 ÷ 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	110 ÷ 115
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 46 cSt a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

Aluminium body valves as standard, steel body on request.

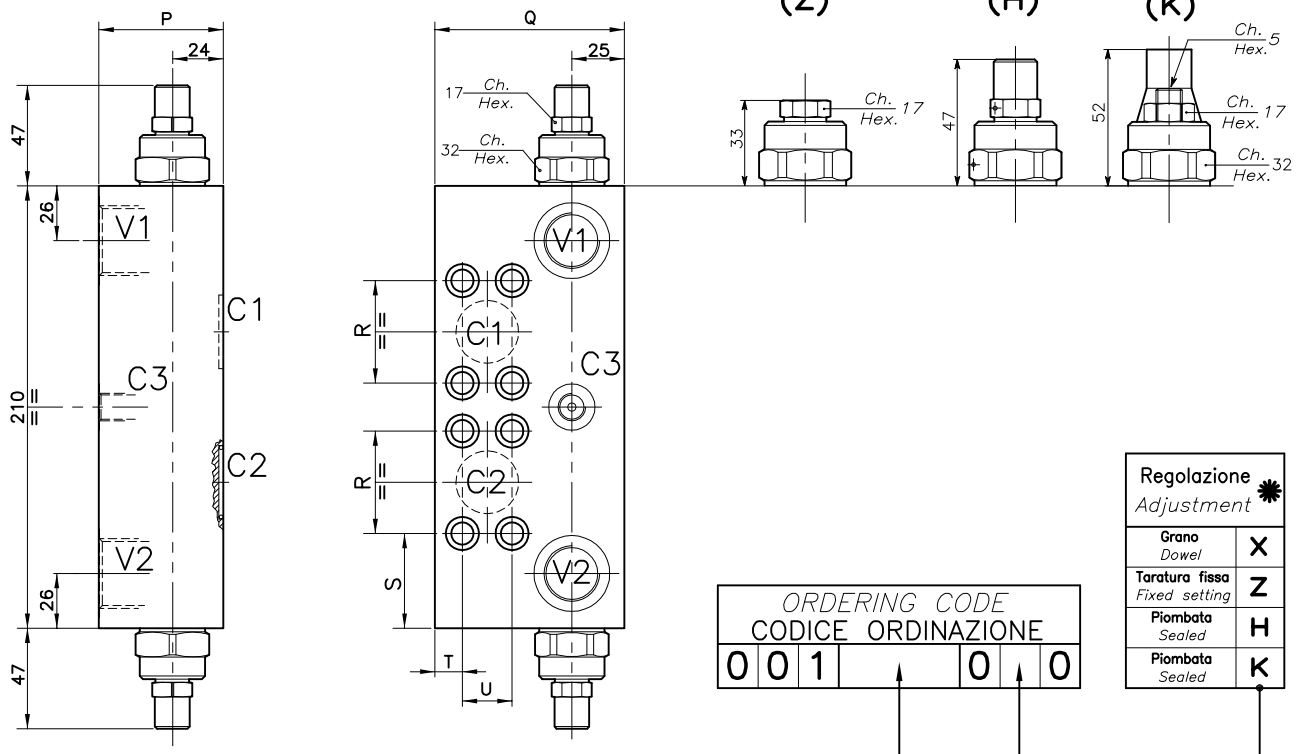
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC–DE–VFF–...–14–FMV2–...

REGOLAZIONE / ADJUSTMENT

Grano / Dowel (X) — Taratura fissa / Fixed setting (Z) — Piombata / Sealed (H) — Piombata / Sealed (K)



Regolazione / Adjustment ✱	
Grano / Dowel	X
Taratura fissa / Fixed setting	Z
Piombata / Sealed	H
Piombata / Sealed	K

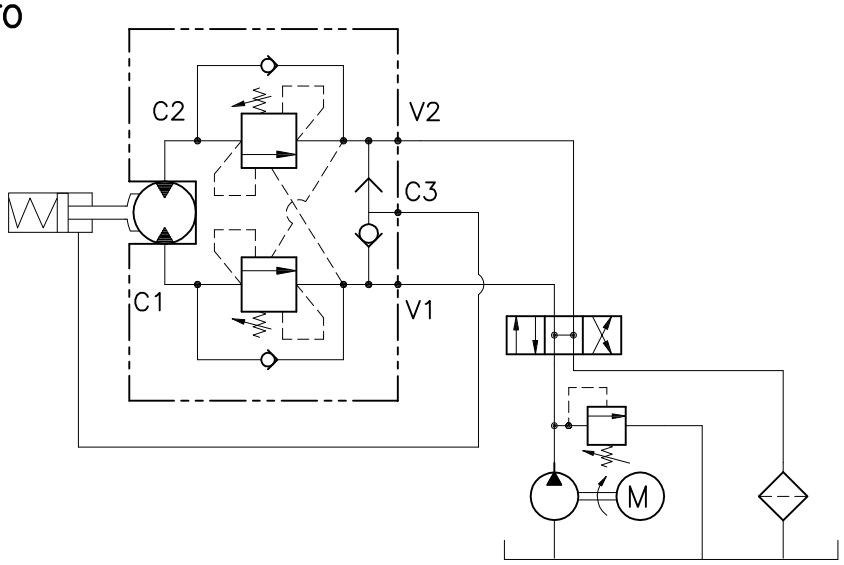
ORDERING CODE / CODICE ORDINAZIONE

0	0	1				0		0

SIGLA VALVOLA / VALVE CODE	Taratura standard (Q=5 l/1') Std. bar setting (mode at 5 l/1') 350 bar	Incr. press. bar giro/vite Press. increase bar/turn (138)	P	Q	R	S	T	U	Attacchi Port size C1–C2 GAS (BSPP)	Attacchi Port size V1–V2 GAS (BSPP)	Attacchi Port size C3 GAS (BSPP)	Tipo motore Motor type	Portata max Max flow–rate l/min– GPM
OWC–DE–VFF–100–14–FVM2–90–108 ✱	094		69	100	57.2	34.4	12	27.8	ø15	1"	1/4"	H1CR 90–108 HMT (84)	180– 47
OWC–DE–VFF–34–14–FVM2–45–55–75 ✱	101		59	90	50.8	42.1	13	23.8	ø15	3/4"	1/4"	H1CR 45–55–75 HMT (75)	120– 31
OWC–DE–VFF–12–14–FVM2–20–30 ✱	095		59	80	40.6	55.2	16.8	18.2	ø15	1/2"	1/4"	H1CR 20–30 HMT (59)	70– 18

Campo taratura 60 ÷ 350 bar (Colore giallo) / Setting range 60 ÷ 350 bar (Colour yellow)

ESEMPIO TIPICO DI CIRCUITO / TYPICAL CIRCUIT EXAMPLE

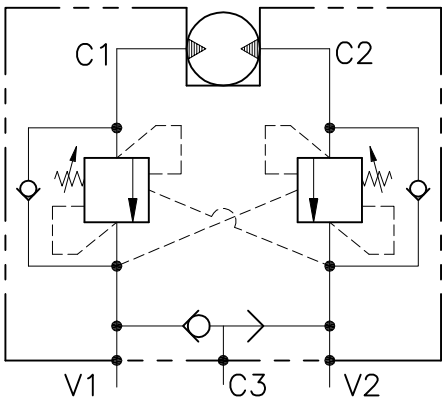


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, CON COLLETTORE FLANGIATO MOTORE CON BRUGOLE "SERIE OWC–100"

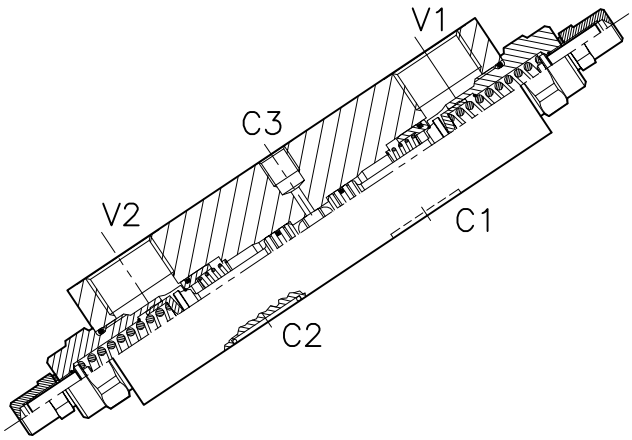
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–DE–VFF–...–14–FH2V–...

SCHEMA DI FUNZIONAMENTO



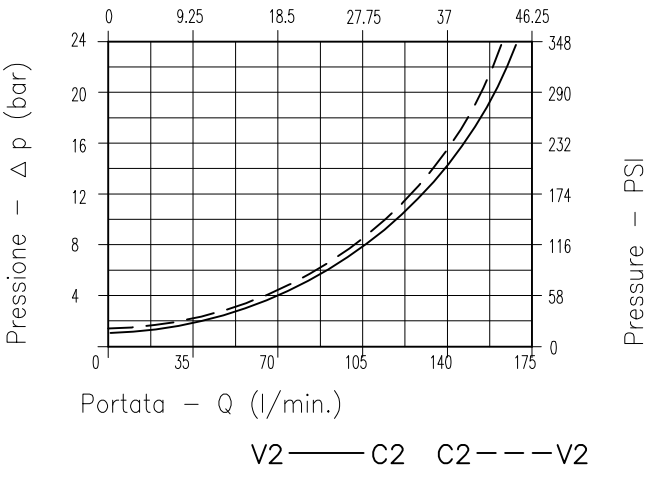
CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	14 / 16
Portata min/max *Min/max flow–rate*	l/min–GPM	10/180 – 2.5/47
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		6.2 ÷ 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	110 ÷ 115
Peso *Weight*	Kg	.

CARATTERISTICHE IDRAULICHE – HYDRAULIC PERFORMANCE



Viscosita' olio 4° E a 50° C – Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

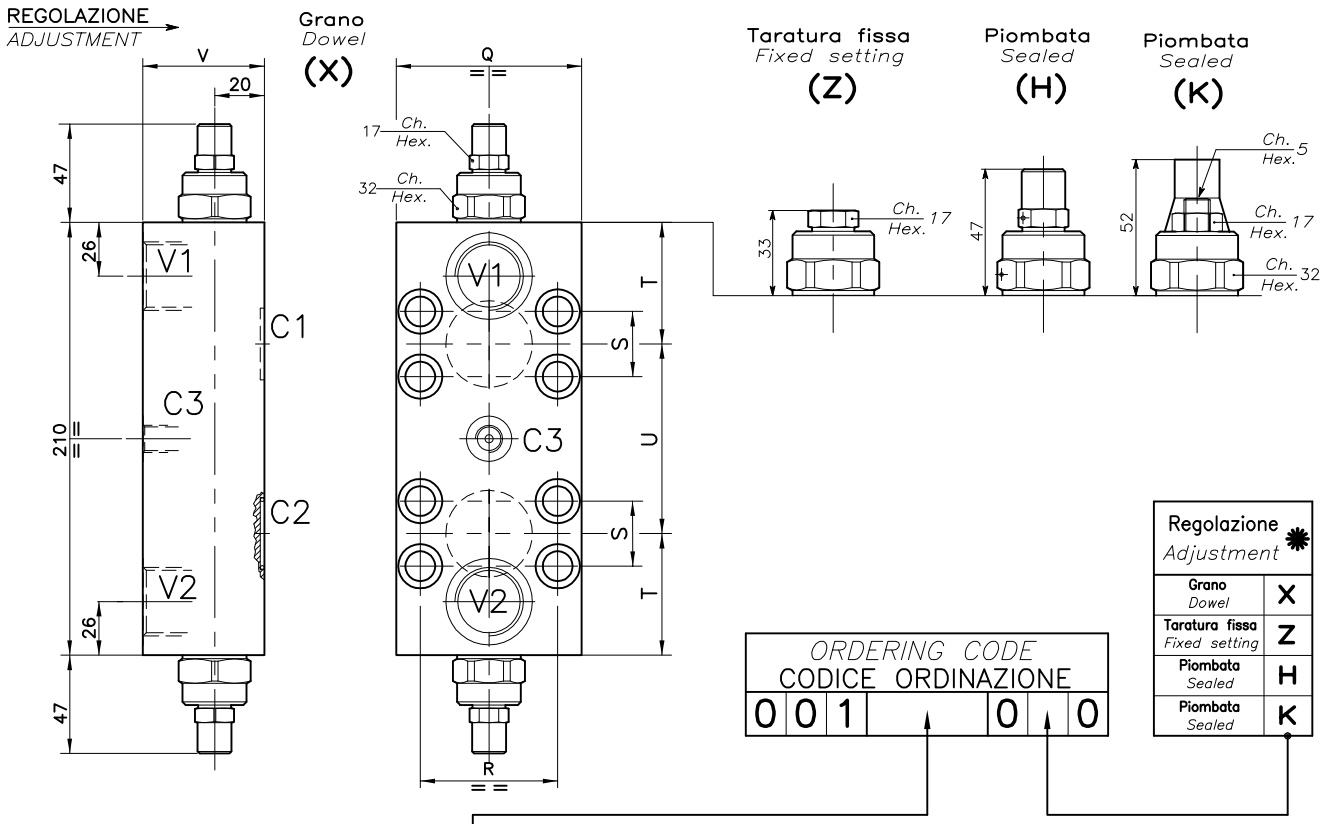
Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

Aluminium body valves as standard, steel body on request.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC-DE-VFF-...-14-FH2V-...



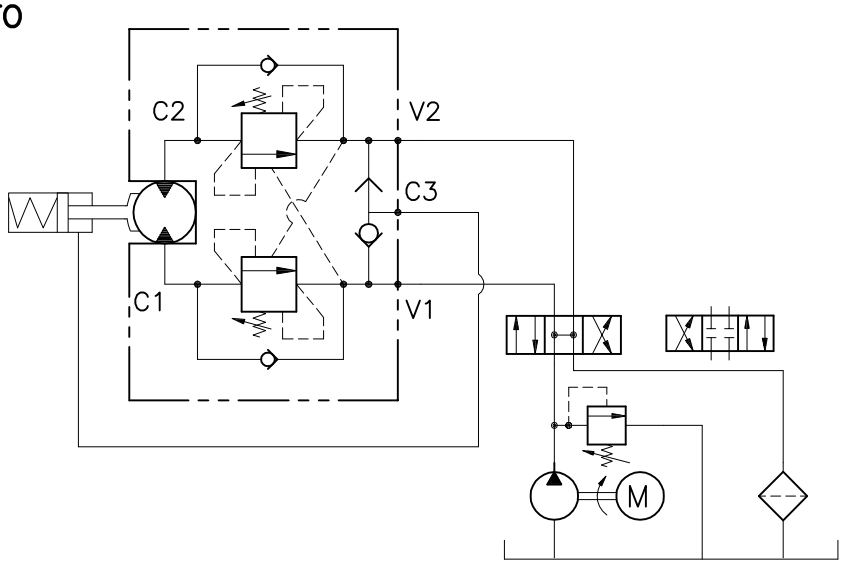
Regolazione ✱ Adjustment	
Grano Dowel	X
Taratura fissa Fixed setting	Z
Piombata Sealed	H
Piombata Sealed	K

ORDERING CODE
CODICE ORDINAZIONE

0	0	1				0	0

SIGLA VALVOLA VALVE CODE	Taratura standard (Q=5 l/1') Std. bar setting (mode at 5 l/1') 350 bar	Incr. press. bar giro/vite Press. increase bar/turn (138)	Q	R	S	T	U	V	Attacchi Port size C1-C2 GAS (BSPP)	Attacchi Port size V1-V2 GAS (BSPP)	Attacchi Port size C3 GAS (BSPP)	Tipo motore Motor type	Portata max Max flow-rate l/min- GPM
OWC-DE-VFF-34-14-FH2V-55 ✱	104		70	50.8	23.8	69	72	49	ø15	3/4"	1/4"	H2V 55	120-31
OWC-DE-VFF-100-14-FH2V-75-108 ✱	102		80	57.2	27.8	64	82	59	ø15	1"	1/4"	H2V 75-108	160-42
OWC-DE-VFF-100-14-FH2V-160-226 ✱	103		90	66.7	31.6	59	92	59	ø15	1"	1/4"	H2V 160-226	180-47
	Campo taratura 60 ÷ 350 bar (Colore giallo) Setting range 60 ÷ 350 bar (Colour yellow)												

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

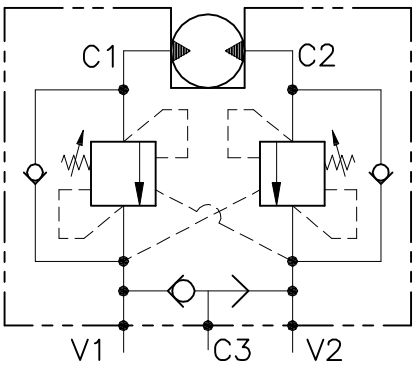


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, FLANGIATA MOTORE CON BRUGOLE.

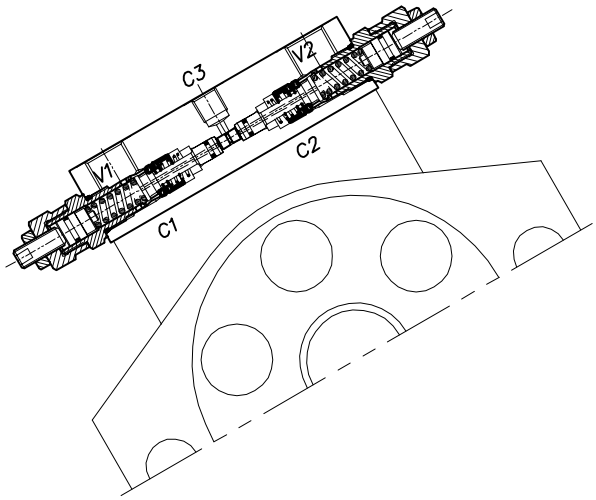
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

A–WB–C–DE–VFF–FM–12–14

SCHEMA DI FUNZIONAMENTO

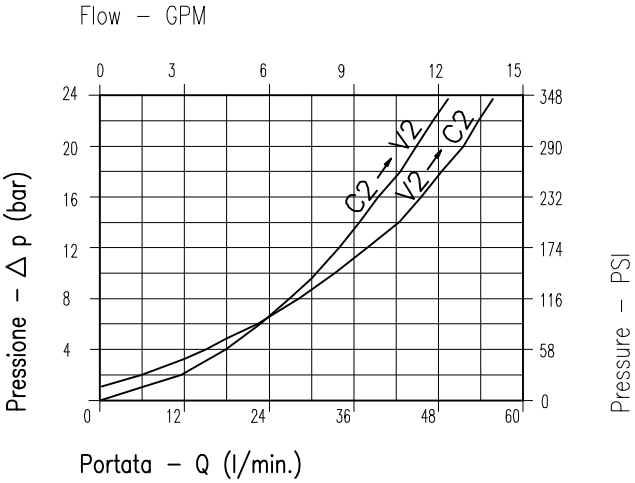


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	8 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		220 bar 3190 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 ÷ 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Peso *Weight*	Kg	.



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in acciaio.
A richiesta corpo in alluminio.

Steel body valves as standard, aluminium body on request.

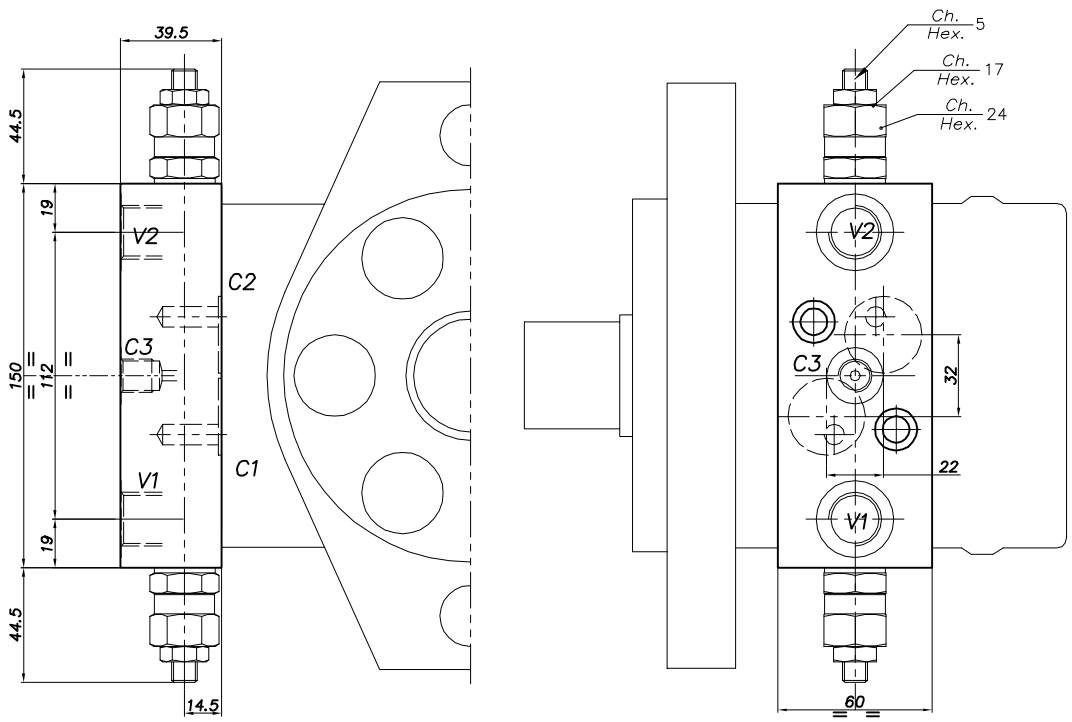
SOLUZIONI DI PRODUZIONE NECESSARIE
PER LA SCELTA DEL PRODOTTO
E RELATIVA DEFINIZIONE DEL
CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

A–WB–C–DE–VFF–FM–12–14

REGOLAZIONE
ADJUSTMENT

Grano
Dowel

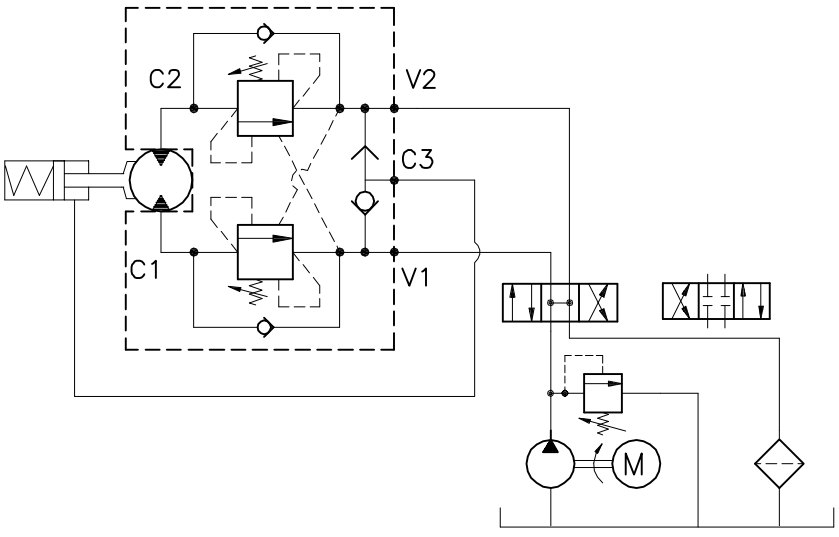


ORDERING CODE
CODICE ORDINAZIONE

0	1	0			1	0	1

SIGLA VALVOLA *VALVE CODE*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Attacchi *Port size* V1–V2 GAS (BSPP)	Attacchi *Port size* C3 GAS (BSPP)	Tipo motore *Motor type*	Portata max *Max flow-rate* l/min– *GPM*
A–WB–C–DE–VFF–FM–12–14	450		...		1/2"	1/4"	Samhydraulik HPR *Danfoss OMS*	60–*15*
	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*					

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

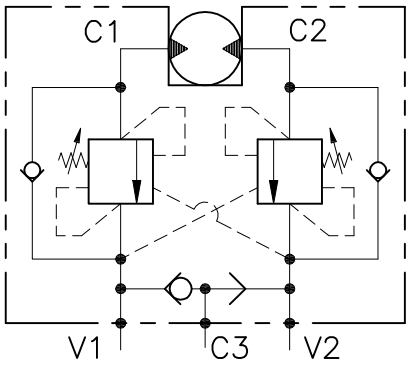


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, FLANGIATO MOTORE CON BULLONI

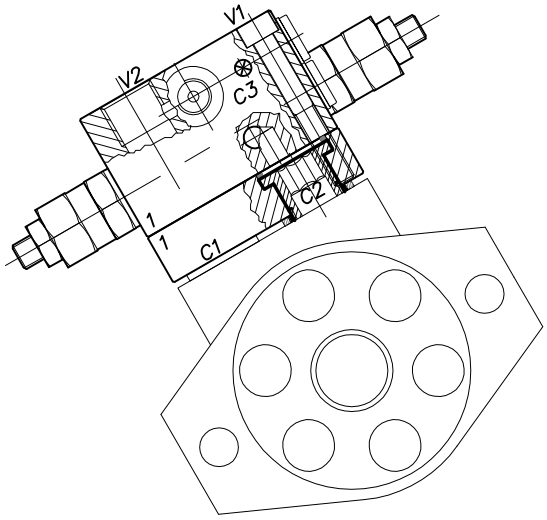
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB–M–DE–VFF–...–12–14–...

SCHEMA DI FUNZIONAMENTO

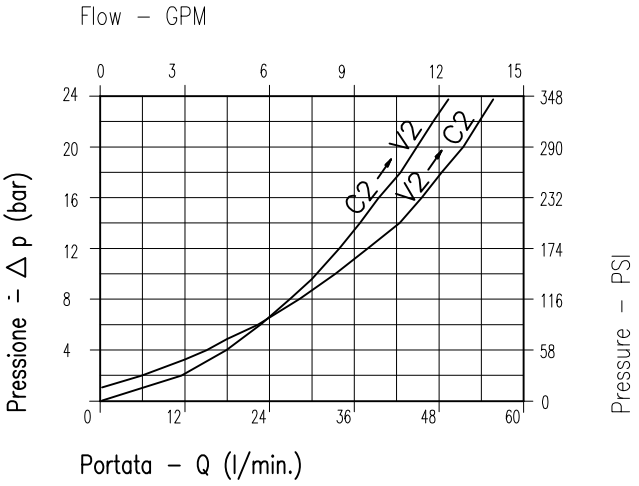


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	8 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	110–115
Peso *Weight*	Kg	.



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

Aluminium body valves as standard, steel body on request.

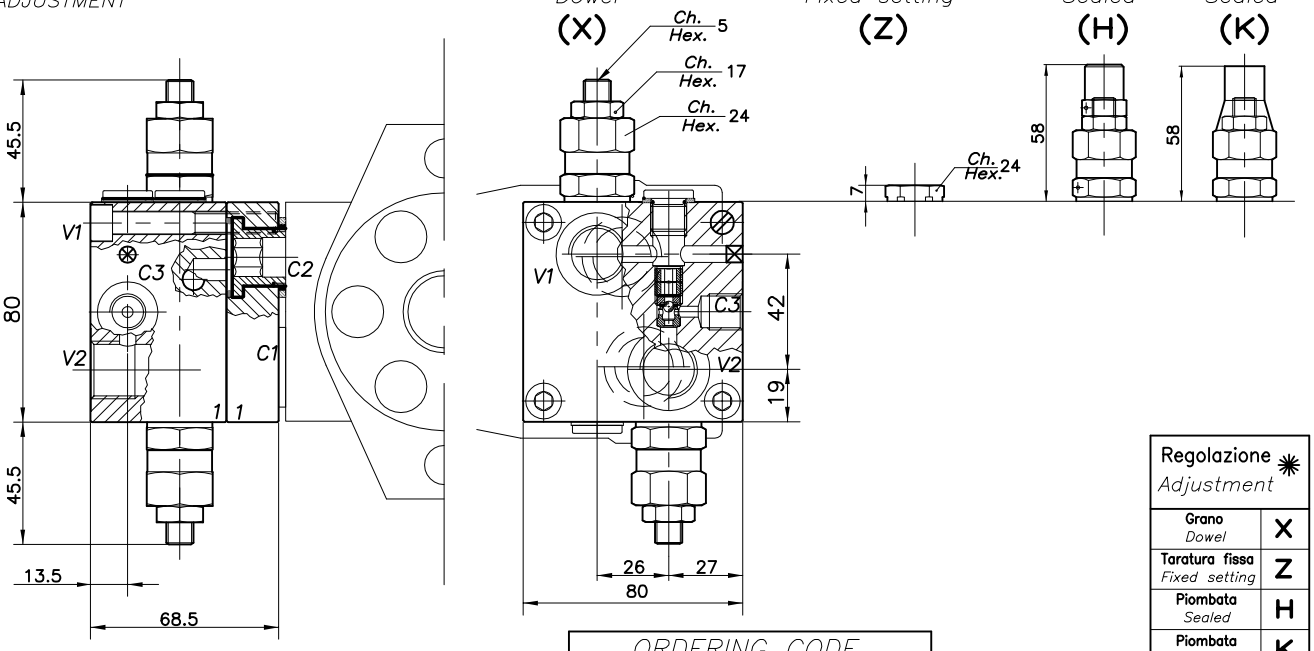
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WB–M–DE–VFF–F..–12–14–...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X) — Taratura fissa *Fixed setting* (Z) — Piombata *Sealed* (H) — Piombata *Sealed* (K)



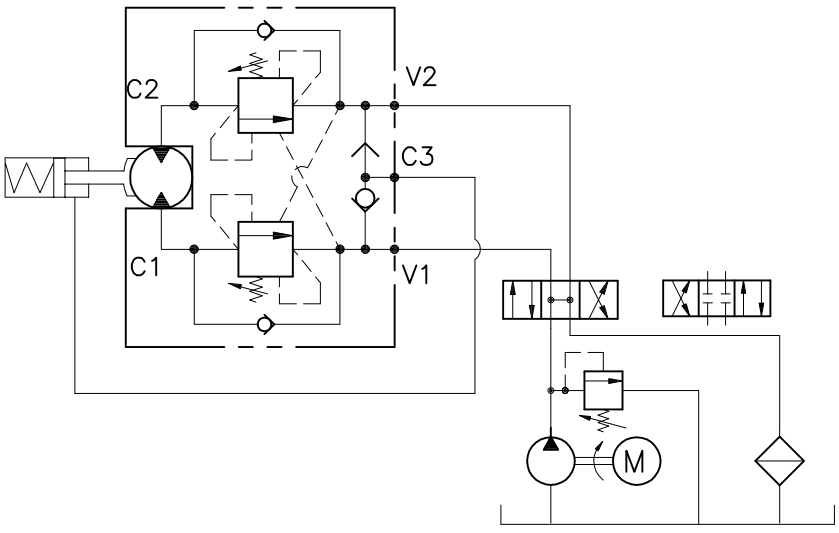
Regolazione ✱ *Adjustment*	
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

ORDERING CODE
CODICE ORDINAZIONE

0	0	1			0		0

SIGLA VALVOLA *VALVE CODE*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Attacchi *Port size* C3 GAS *(BSPP)*	Tipo motore *Motor type*
WB–M–DE–VFF–FSH–12–14–✱	436		...		1/2"	1/4"	Samhydraulik AG–BG–AR (40x8)
WB–M–DE–VFF–FOLD–12–14–✱	437		...				Oildrive (44x17)
WB–M–DE–VFF–FOMS–12–14–✱	438		...				Samhydraulik HPR–HPRC Danfoss OMS (32x22)
WB–M–DE–VFF–FOMR–OMP–12–14–✱	439		...				Danfoss OMR–OMP (36x36)
WB–M–DE–VFF–FTRW–12–14–✱	656		...				Char Lynn TRW MAC/MAF (45.7)
	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*				

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

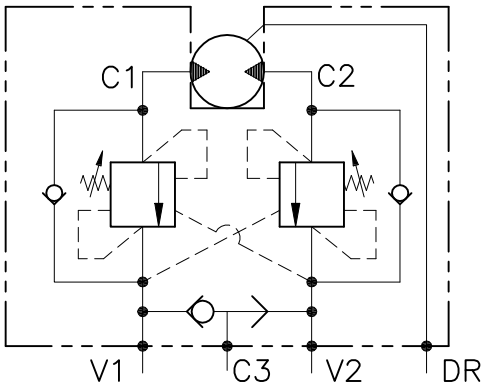


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, FLANGIATO MOTORE CON BULLONI

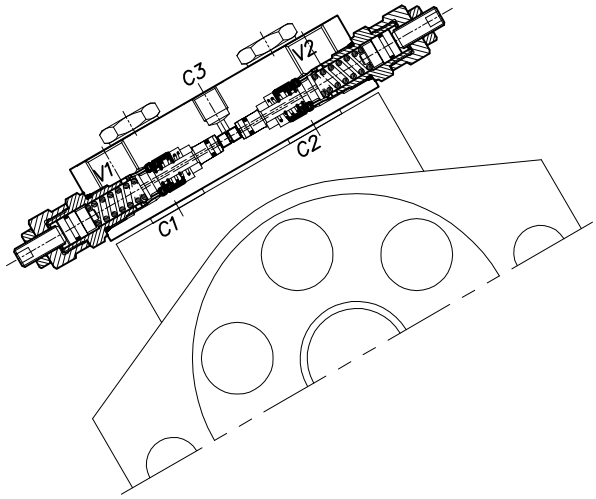
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB–DE–FCTD–12–14–T..

SCHEMA DI FUNZIONAMENTO

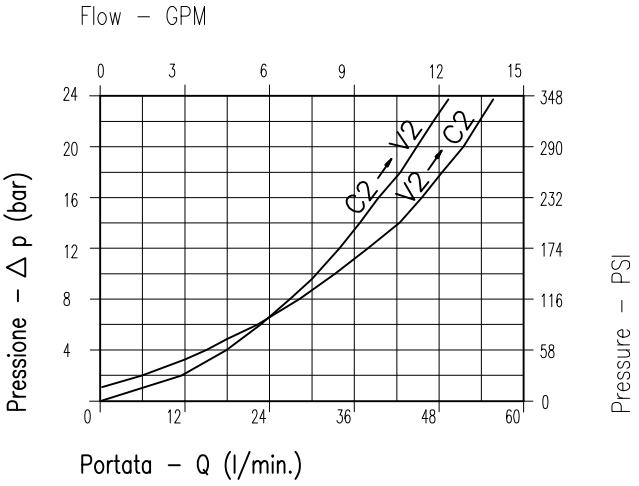


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	8 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		220 bar 3190 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 ÷ 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	110 ÷ 115
Peso *Weight*	Kg	.



Viscosita' olio 4° E a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

Aluminium body valves as standard, steel body on request.

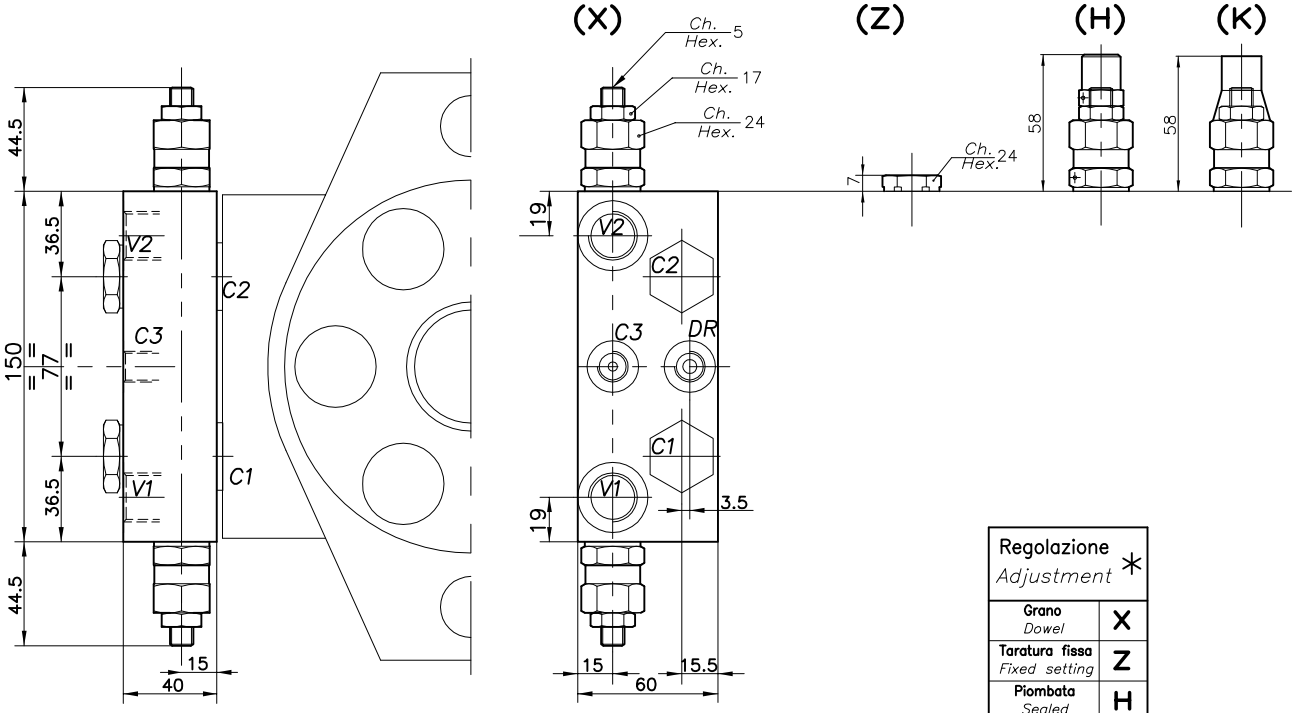
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB–DE–FCTD–12–14–TF

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X) — Taratura fissa *Fixed setting* (Z) — Piombata *Sealed* (H) — Piombata *Sealed* (K)



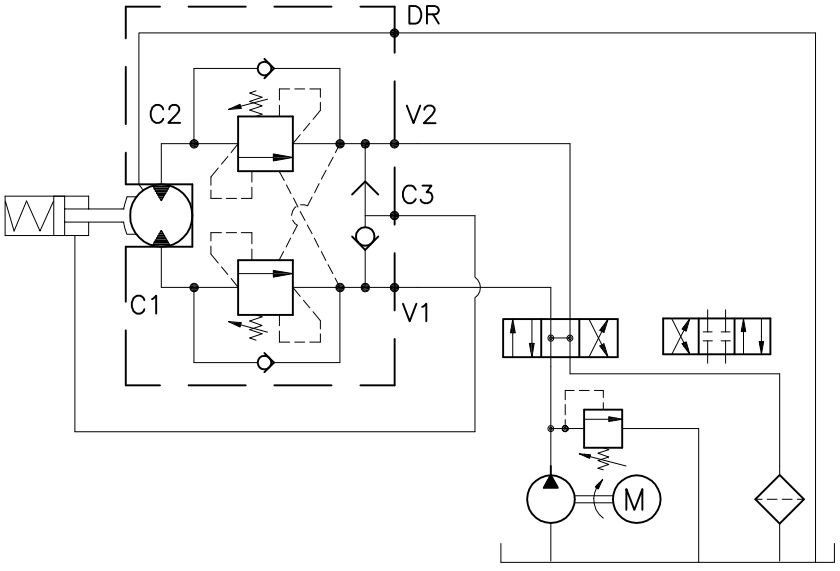
Regolazione *Adjustment*	*
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

ORDERING CODE
CODICE ORDINAZIONE

0	0	1			0		0

SIGLA VALVOLA *VALVE CODE*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Attacchi *Port size* V2–C2 V1–C1 GAS (BSPP)	Attacchi *Port size* C3–DR GAS (BSPP)	Tipo motore *Motor type*	Portata max *Max flow-rate* l/min– GPM
WB–DE–FCTD–12–14–*	220 bar	(56)	350 bar	(138)	1/2"	1/4"	Samhydraulik ARZ (77)	60–15
	579		...					
	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*					

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

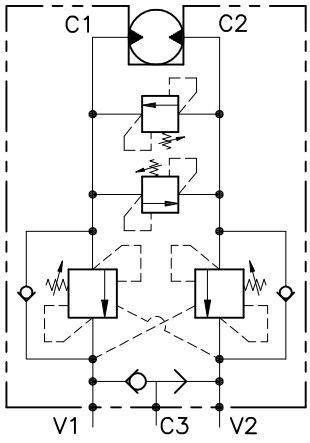


VALVOLA BILANCIAMENTO, BLOCCO, ANTIURTO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, FLANGIATA MOTORE CON BULLONI.

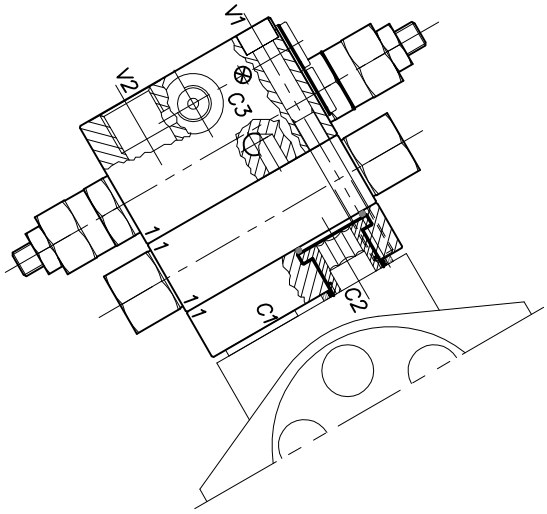
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB–VS–M–DI–VFF–F...–12–14–...

SCHEMA DI FUNZIONAMENTO

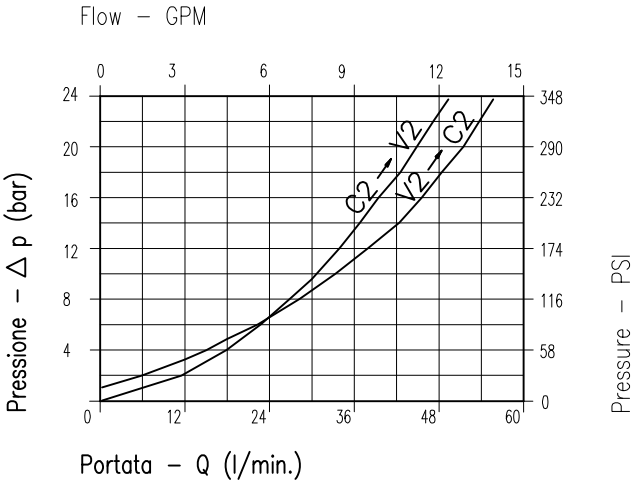


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	8 / 10
Portata min/max *Min/max flow–rate*	l/min–GPM	1/60 – 0.26/15.9
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 ÷ 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	110 ÷ 115
Peso *Weight*	Kg	.



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

Aluminium body valves as standard, steel body on request.

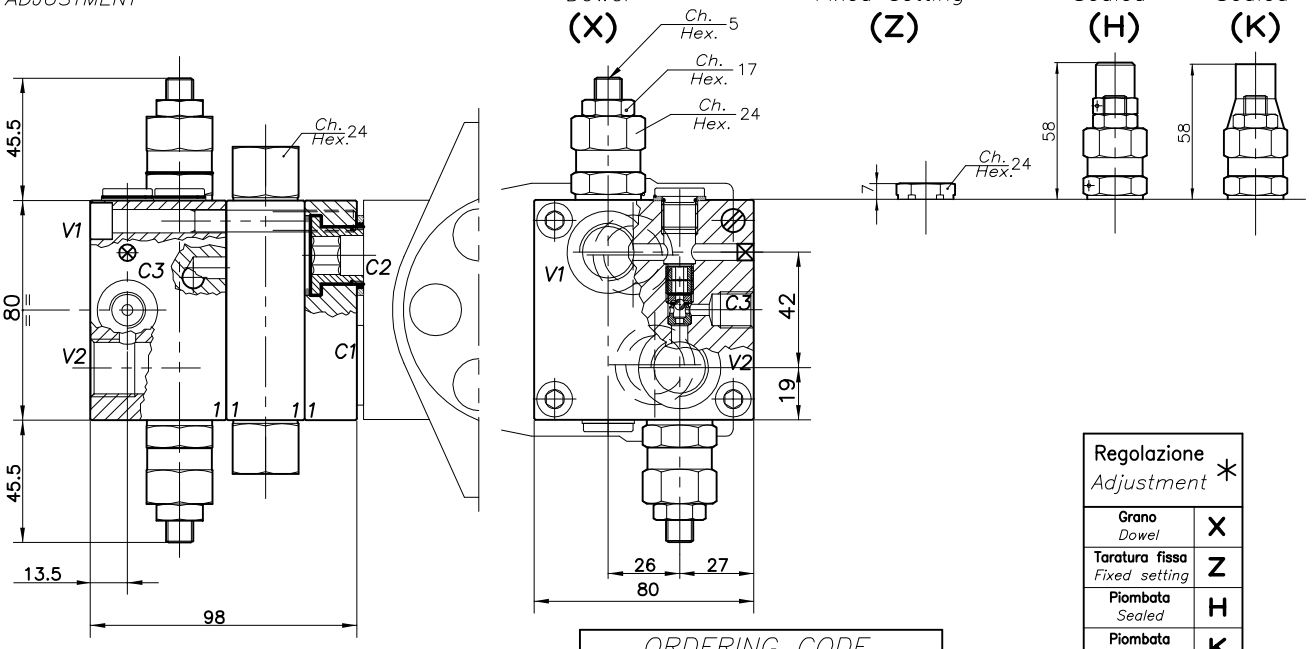
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WB–VS–M–DI–VFF–F..–12–14–...

REGOLAZIONE / *ADJUSTMENT*

Grano *Dowel* (X) — Taratura fissa *Fixed setting* (Z) — Piombata *Sealed* (H) — Piombata *Sealed* (K)



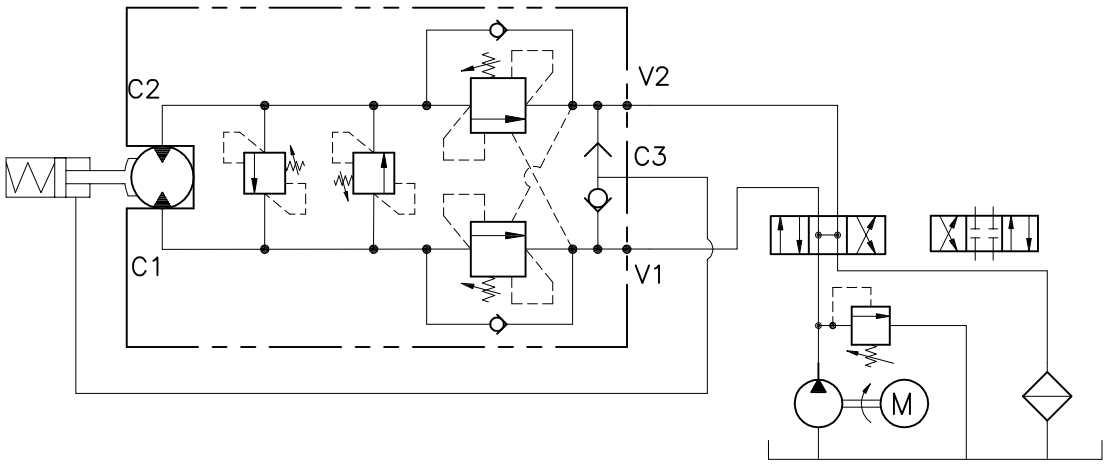
Regolazione *Adjustment*	*
Grano *Dowel*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

ORDERING CODE
CODICE ORDINAZIONE

0	0	1				0	0

SIGLA VALVOLA *VALVE CODE*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Attacchi *Port size* V2–C2 V1–C1 GAS *(BSPP)*	Attacchi *Port size* C3 GAS *(BSPP)*	Tipo motore *Motor type*
WB–VS–M–DI–VFF–FSH–12–14– ✱	440		...		1/2"	1/4"	Samhydraulik AG–BG–AR (40x8)
WB–VS–M–DI–VFF–FOLD–12–14– ✱	441		...				Oildrive (44x17)
WB–VS–M–DI–VFF–FOMS–12–14– ✱	442		...				Samhydraulik HPR–HPRC / Danfoss OMS (32x22)
WB–VS–M–DI–VFF–FOMR–OMP–12–14– ✱	443		...				Danfoss OMR–OMP (36x36)
	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*				

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

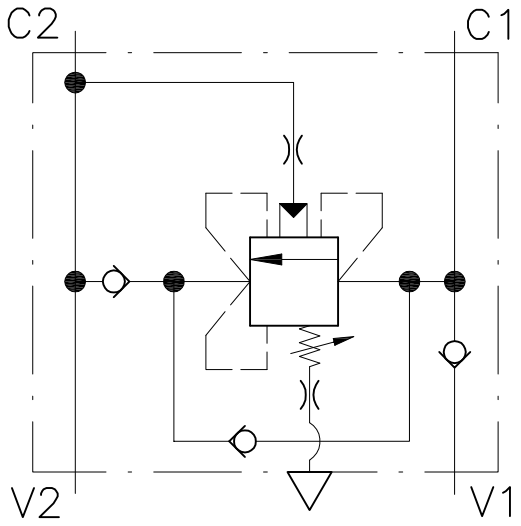


VALVOLA A SEMPLICE EFFETTO DI BILANCIAMENTO, BLOCCO, CONTROLLO MOVIMENTO E FUNZIONE RIGENERATIVA DA C1 IN C2, CON COLLETTORE IN LINEA. "SERIE WR"

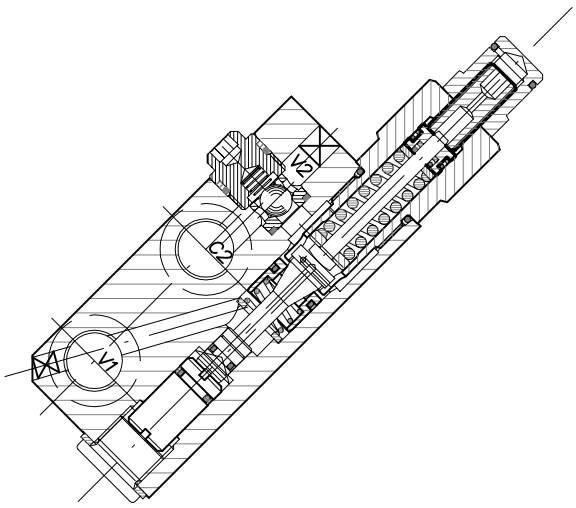
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WR–SE–38–L–...

SCHEMA DI FUNZIONAMENTO

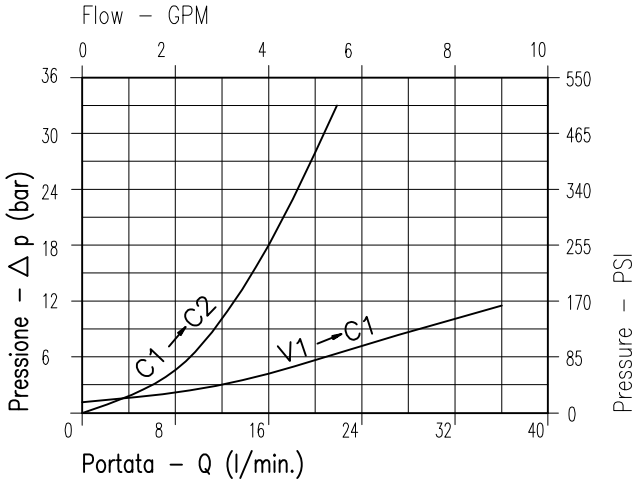


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata max in V1,V2 *Max flow in V1,V2 port*	l/min–GPM	40 – 10.5
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE: ***NOTES:***

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO: ***EXAMPLE:***

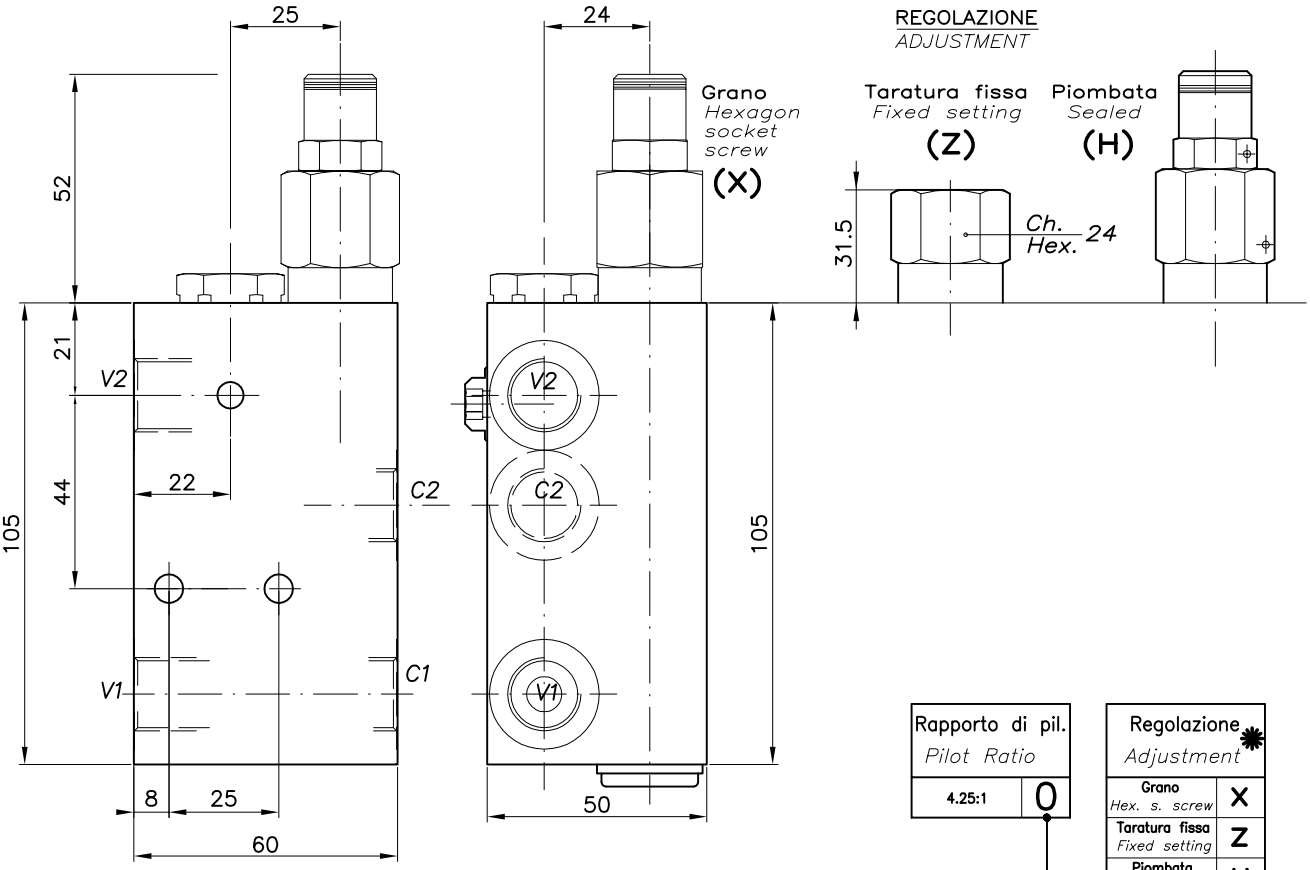
Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

MASSA: ***MASS:*** ... Kg

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WR–SE–38–L–...



SIGLA VALVOLA VALVE CODE	Campo taratura 60 ÷ 350 bar (Colore giallo) Setting range 60 ÷ 350 bar (Colour yellow)		Attacchi filettati Threaded connections
	Taratura standard (Q=5 l/1') Std. bar setting (mode at 5 l/1') 350 bar	Incr. press. bar giro/vite Press. increase bar/turn (138)	Bocche Ports ISO 1179-1 (BSPP) V2–C2 V1–C1
WR–SE–38–L– ✱	154		G3/8

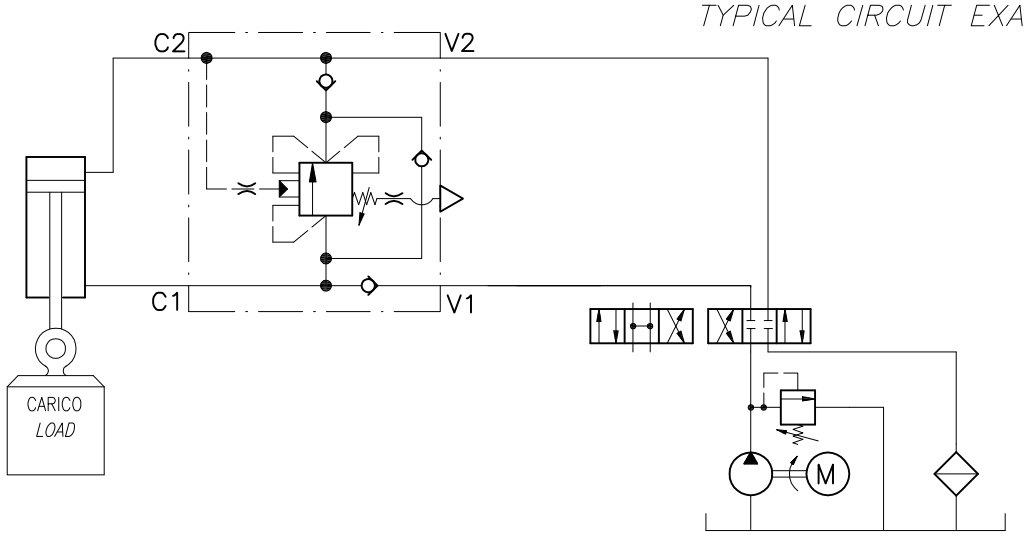
Rapporto di pil. Pilot Ratio	
4.25:1	0

Regolazione ✱ Adjustment	
Grano Hex. s. screw	X
Taratura fissa Fixed setting	Z
Piombata Sealed	H

0	0	6				0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

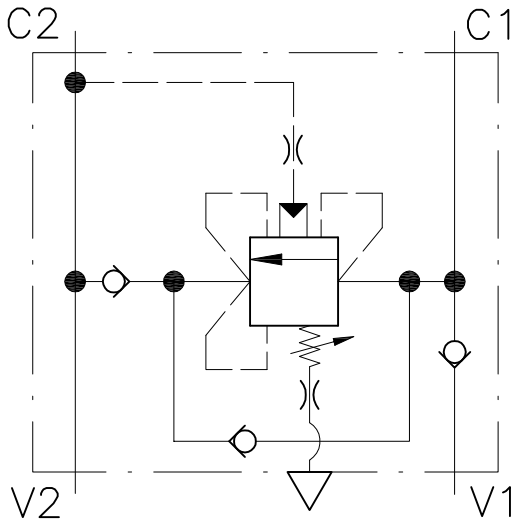


VALVOLA A SEMPLICE EFFETTO DI BILANCIAMENTO, BLOCCO, CONTROLLO MOVIMENTO E FUNZIONE RIGENERATIVA DA C1 IN C2, CON COLLETTORE IN LINEA. "SERIE WR"

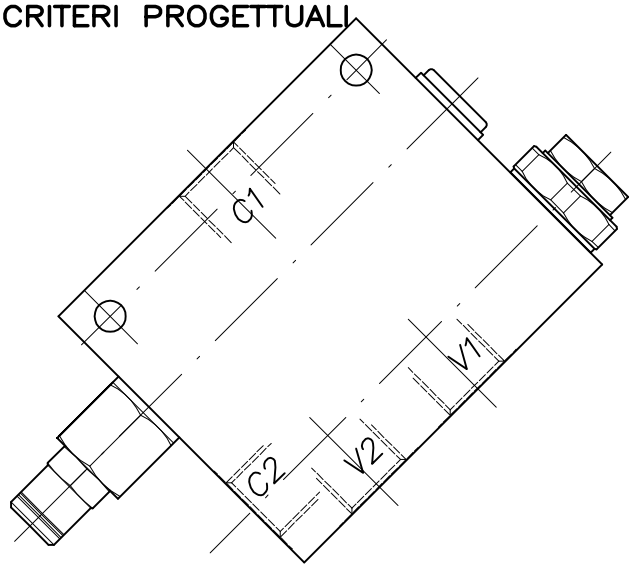
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WR–SE–12–L–...

SCHEMA DI FUNZIONAMENTO

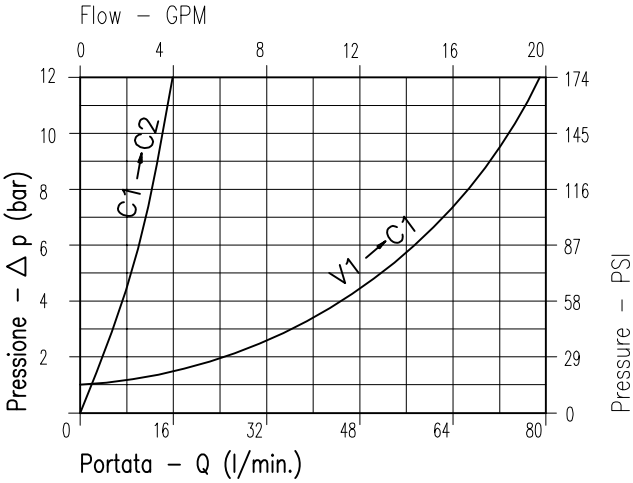


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata max in V1,V2 *Max flow in V1,V2 port*	l/min-GPM	40 – 10.5
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE: ***NOTES:***

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO: ***EXAMPLE:***

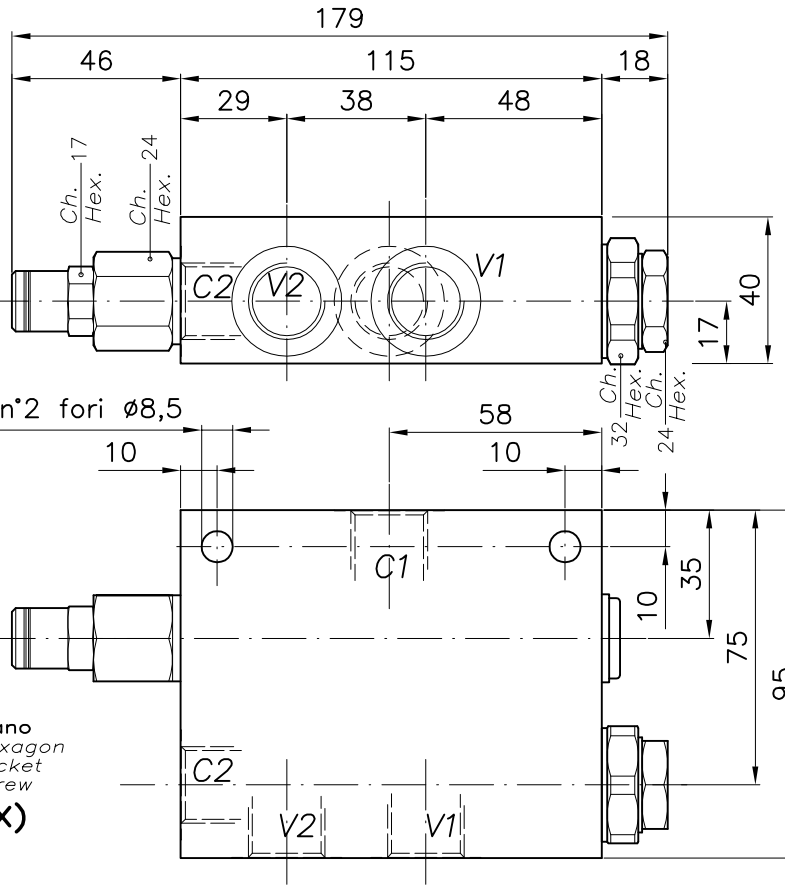
Pressione di lavoro max
Max working pressure : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

MASSA: ***MASS:*** ... Kg

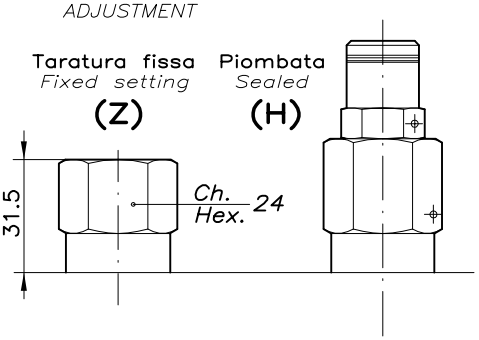
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WR-SE-12-L-...



REGOLAZIONE
ADJUSTMENT



Rapporto di pil. *Pilot Ratio*	
15:1	K

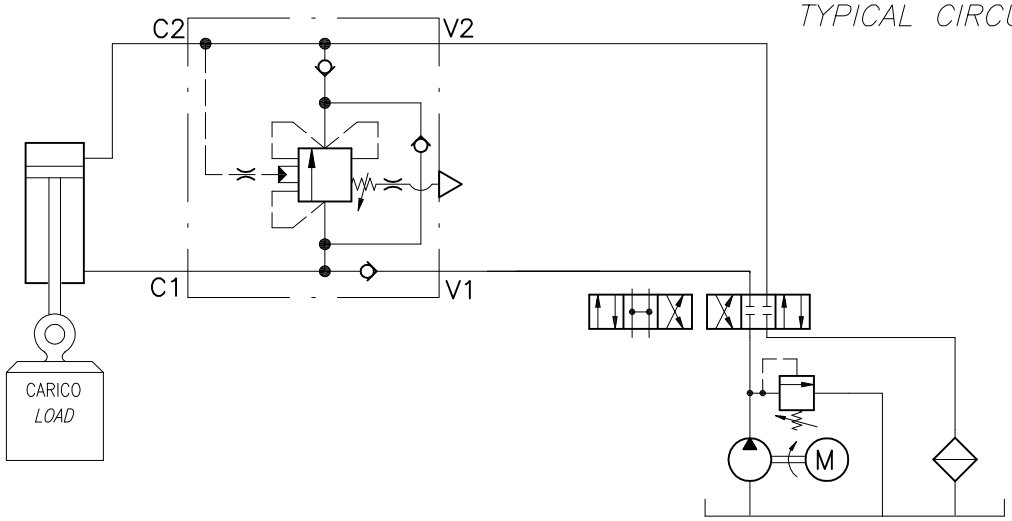
Regolazione * *Adjustment*	
Grano *Hex. s. screw*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H

SIGLA VALVOLA *VALVE CODE*	Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi filettati *Threaded connections*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Bocche *Ports* ISO 1179-1 (BSPP) V2-C2 V1-C1
WR-SE-12-L-*	350 bar	(138)	G1/2
	155		

0	0	6				0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

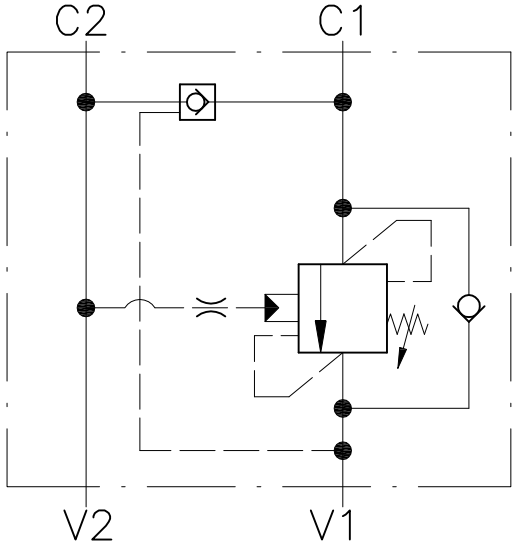


VALVOLA PER CIRCUITI RIGENERATIVI, CON ESCLUSIONE AUTOMATICA A PRESSIONE REGOLABILE, CON FLUSSO DA C1 IN C2, CON COLLETTORE IN LINEA. "SERIE VR"

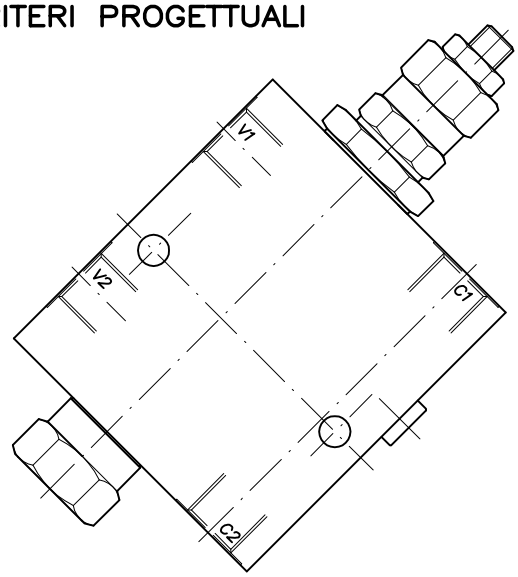
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

VR–CRR–C–12–...

SCHEMA DI FUNZIONAMENTO

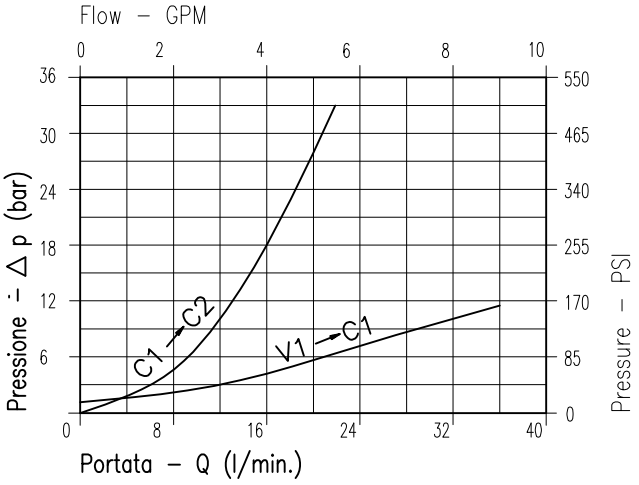


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata max in V1,V2 *Max flow in V1,V2 port*	l/min-GPM	40 - 10.5
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE: ***NOTES:***

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

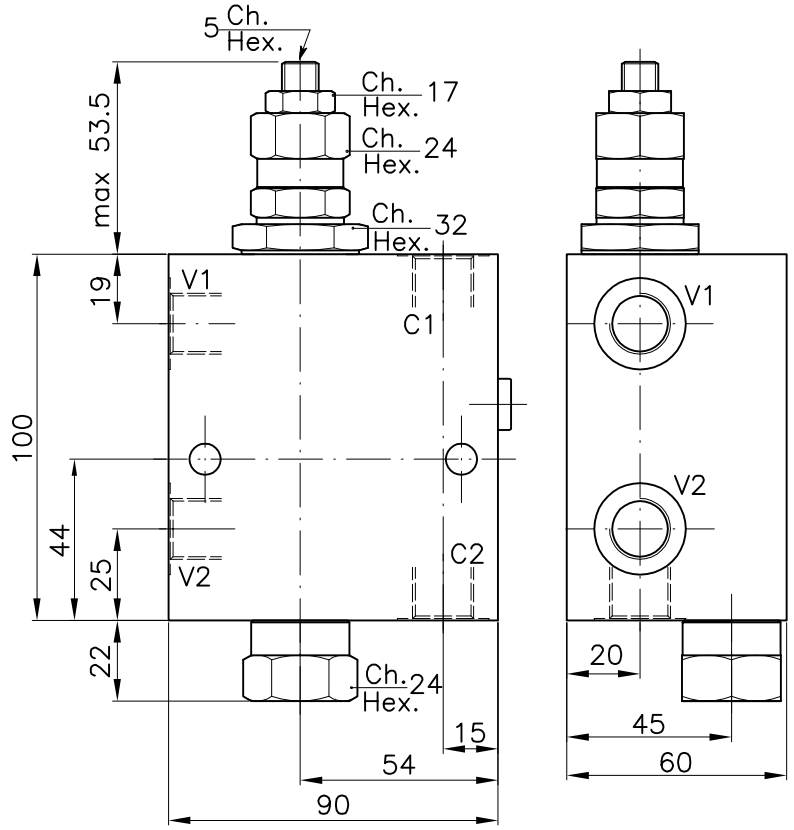
ESEMPIO: ***EXAMPLE:***

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

MASSA: ***MASS:*** ... Kg

Valvola utilizzata per lo sfilamento rapido dello stelo. Applicazioni tipiche in piccole presse o compattatori. La pressione di esclusione dell' effetto rigenerativo è regolabile in un campo di pressione per mezzo di una valvola overcenter.

Valve is used for fast extention of cylinder rod: typical application in small presses and trash compactors. Flow regeneration can be automaticaly excluded at adjustable pressure by an overcenter valve.



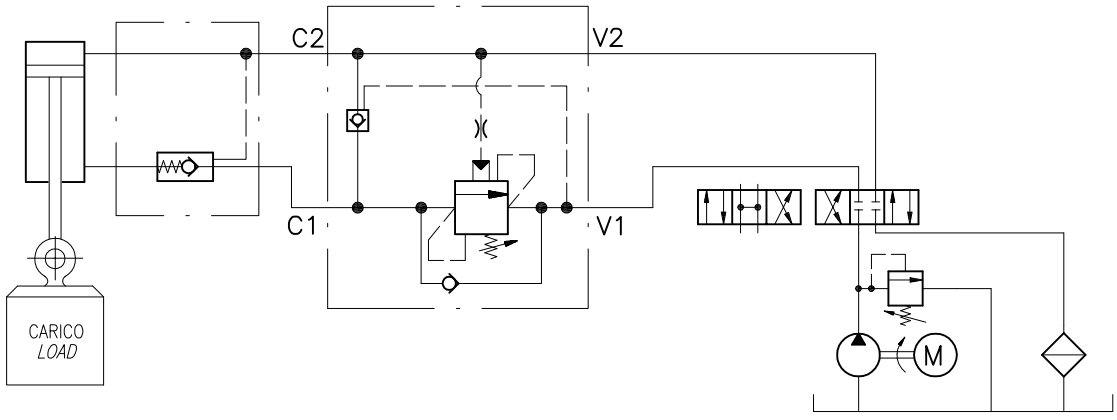
Rapporto di pil. *Pilot Ratio*	Regolazione * *Adjustment*
4.25:1 — 0	Grano *Hex. s. screw* — X

SIGLA VALVOLA *VALVE CODE*	Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*	
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*
VR–CRR–C–12– *	350 bar — 159	(138)

0	0	6				0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

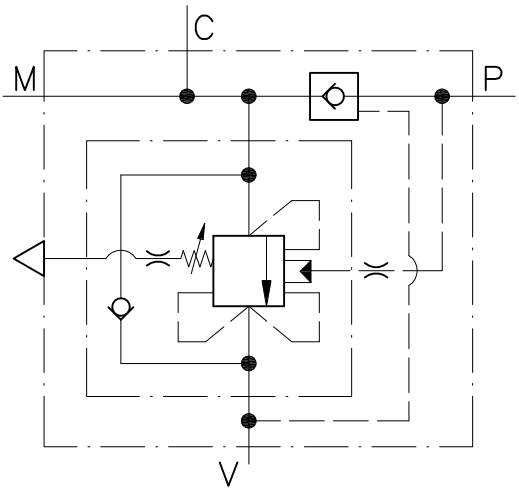


VALVOLA PER CIRCUITI RIGENERATIVI, CON ESCLUSIONE AUTOMATICA A PRESSIONE REGOLABILE, CON FLUSSO DA C IN P, CON COLLETTORE IN LINEA. "SERIE VR"

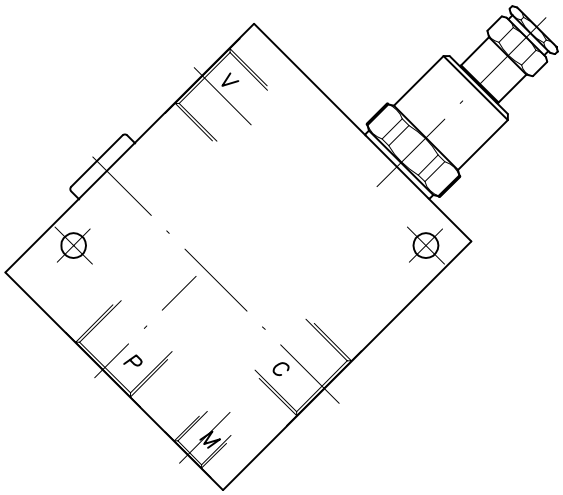
LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

A–VRSP01–CC–34–L–...

SCHEMA DI FUNZIONAMENTO

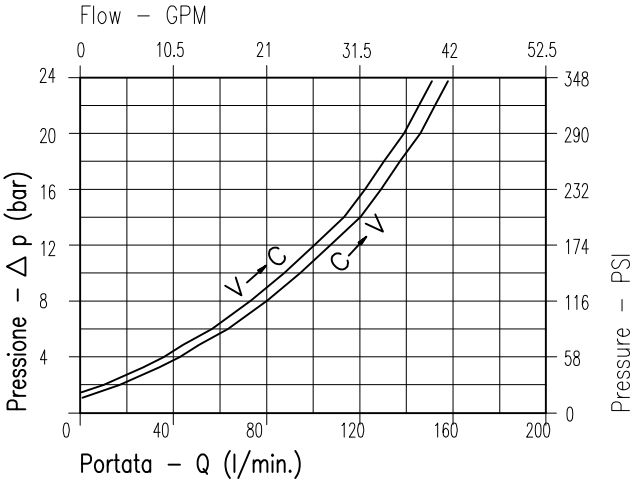


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	12
Portata max in V *Max flow in V port*	l/min-GPM	160 - 42
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE: ***NOTES:***

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO: ***EXAMPLE:***

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

MASSA: ***MASS:*** ... Kg

Valvola utilizzata per lo sfilamento rapido dello stelo. Applicazioni tipiche in macchine spacca–legna o presse. La pressione di esclusione dell' effetto rigenerativo è regolabile in un campo di pressione per mezzo di una valvola overcenter.

Valve is used for fast extention of cylinder rod: typical application in woodcutting machinery. Flow regeneration can be automaticaly excluded at adjustable pressure by an overcenter valve.

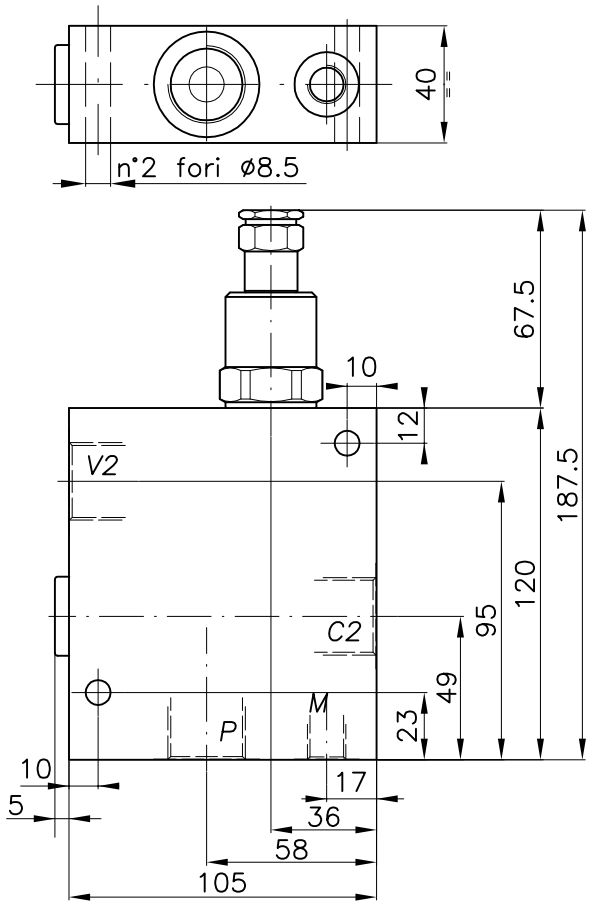
Costruzione standard con collettore in acciaio.

Steel manifold is standard with this valve.

SOLUZIONI DI PRODUZIONE NECESSARIE
PER LA SCELTA DEL PRODOTTO
E RELATIVA DEFINIZIONE DEL
CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

A–VRSP01–CC–34–L–...



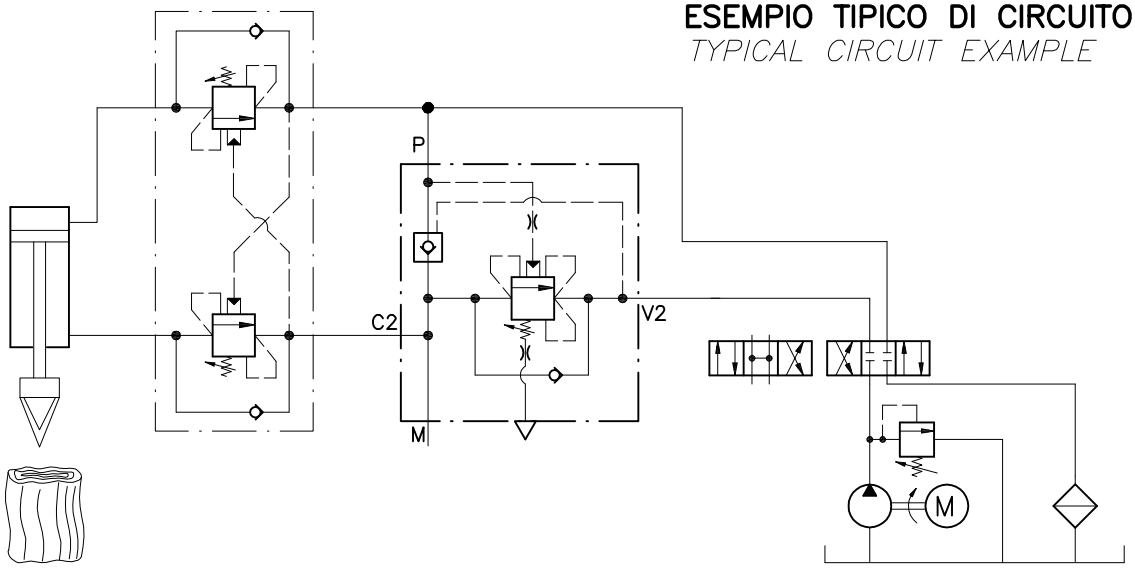
SIGLA VALVOLA *VALVE CODE*	Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi filettati *Threaded connections*	
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Bocche *Ports* ISO 1179–1 *(BSPP)*	
	350 bar	(138)	V2–C2–P	M
A–VRSP01–CC–34–L–✱	151		G3/4	G1/4

Rapporto di pil. *Pilot Ratio*	Regolazione ✱ *Adjustment*
6.25:1 L	Grano *Hex. s. screw* X

0	0	6				0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

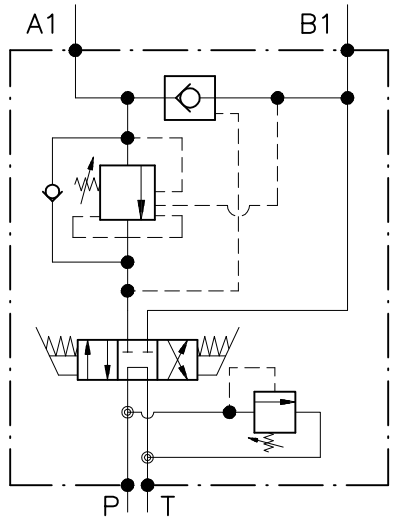


GRUPPO INTEGRATO CON CIRCUITO RIGENERATIVO, CON ESCLUSIONE AUTOMATICA A PRESSIONE REGOLABILE, ED INCORPORATO DISTRIBUTORE A 4 VIE E 3 POSIZIONI CON VALVOLA DI MAX.

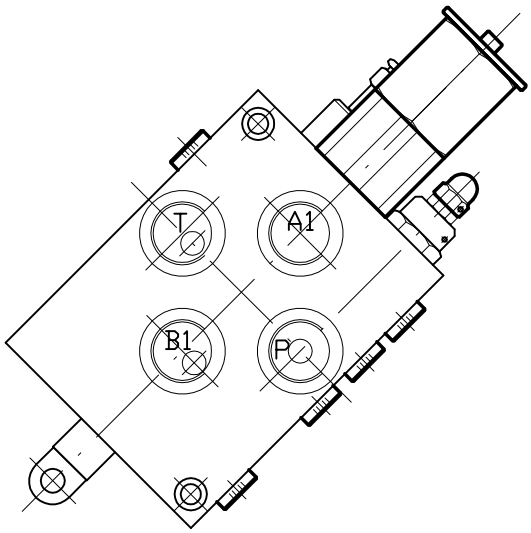
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

GI–DDEVM–RSP01–CC–34–L–...

SCHEMA DI FUNZIONAMENTO

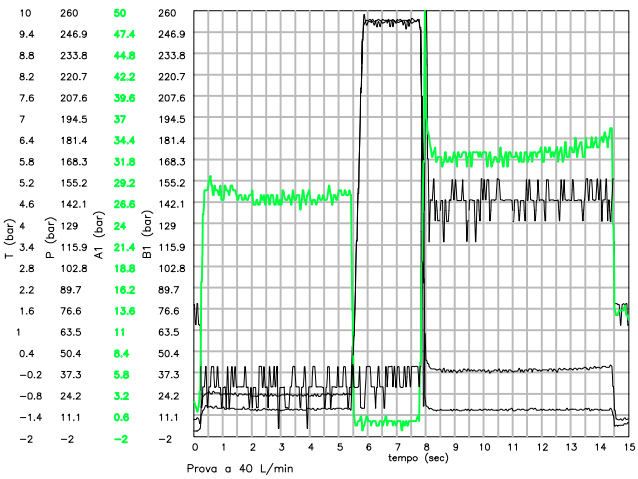


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	12
Portata max in V *Max flow in V port*	l/min-GPM	160 – 42
Pressione di lavoro max *Max working pressure*		450 bar 6525 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE: *NOTES:*

DATI VALVOLA DI MASSIMA:
Pressione Max di taratura 350 bar (5075 psi)
Pressione Min di taratura 20 bar (290 psi)

DATI VALVOLA OVERCENTER:
Pressione Max di taratura 350 bar (5075 psi)
Pressione Min di taratura 30 bar (435 psi)
Rapporto di Pilotaggio 6.25:1

Rapporto di pil. valvola di non ritorno rig. 3:1

DATI PER RIGENERAZIONE

Inizio immediato della rigenerazione dell'olio.
Pressione di esclusione della rigenerazione:
Taratura overcenter / rapporto di pilotaggio
es: 350/6.25=56 bar (812 psi)

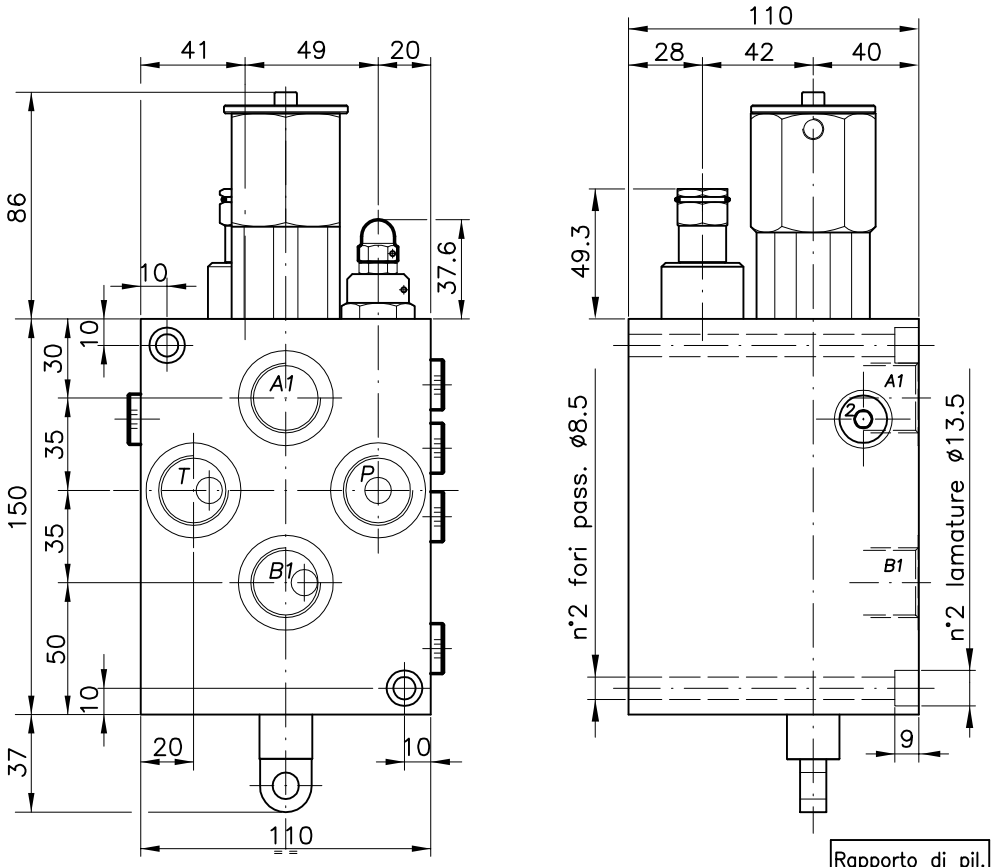
Caratteristiche generali su fascicolo V1.02.2002

Gruppo integrato con asta distributrice ad azione manuale, valvola rigeneratrice e valvola di massima pressione. Rigenerazione dell'olio da A1 verso B1, con esclusione automatica regolabile tramite valvola overcenter.
Consente lo sfilamento rapido di un cilindro, e con distributore in posizione centrale ne garantisce la tenuta in qualsiasi punto si fermi il cilindro.
Rallenta la velocità dello stelo in base alla pressione di sforzo mantenendo inalterata la pressione di spinta fino al raggiungimento della taratura della valvola di Max pressione generale.

SOLUZIONI DI PRODUZIONE NECESSARIE
PER LA SCELTA DEL PRODOTTO
E RELATIVA DEFINIZIONE DEL
CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

GI-DDEVM-RSP01-CC-34-L



Rapporto di pil. *Pilot Ratio*	
6.25:1	L

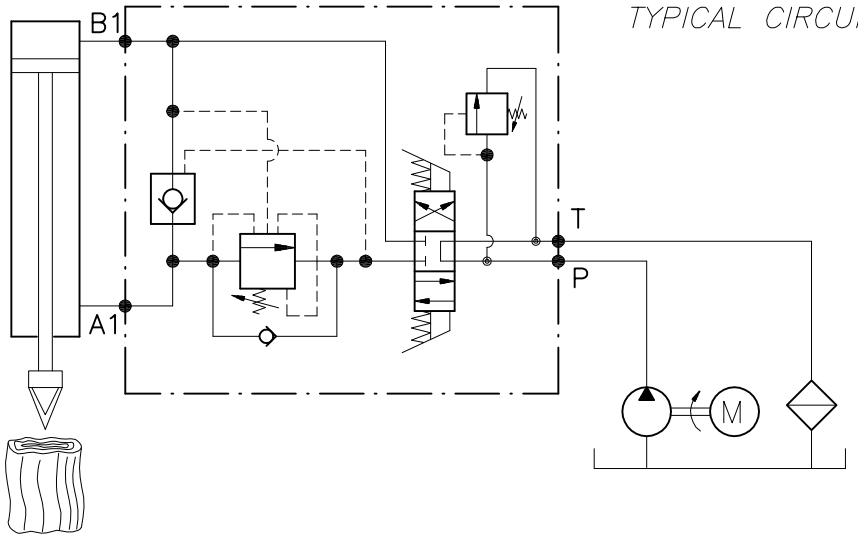
Regolazione *Adjustment*	
Grano *Hex. s. screw*	X

SIGLA VALVOLA *VALVE CODE*	Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi filettati *Threaded connections*	
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Bocche *Ports* ISO 1179-1 *(BSPP)*	
	350 bar	(138)	P-T A1-B1	...
GI-DDEVM-RSP01-CC-34-L	162		G3/4	...

0	0	6				0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

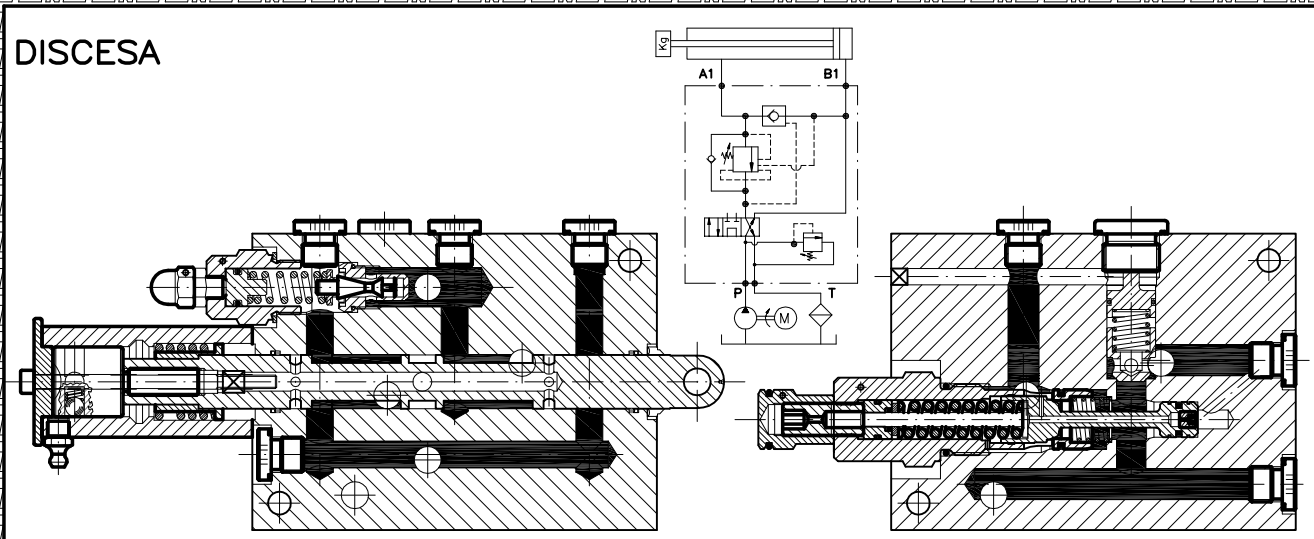


GRUPPO INTEGRATO CON CIRCUITO RIGENERATIVO, CON ESCLUSIONE AUTOMATICA A PRESSIONE REGOLABILE, ED INCORPORATO DISTRIBUTORE A 4 VIE E 3 POSIZIONI CON VALVOLA DI MAX.

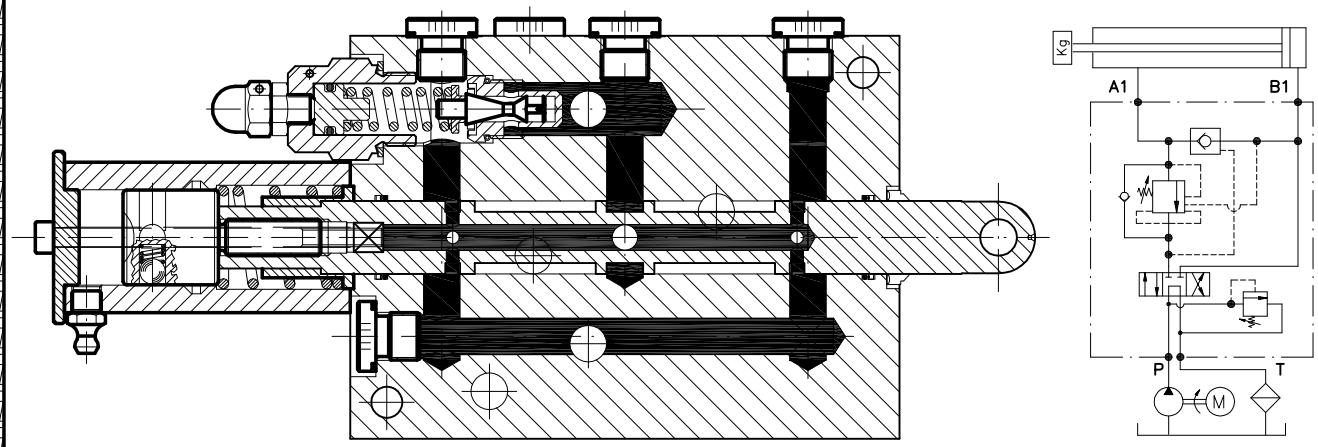
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

GI–DDEVM–RSP01–CC–34–L–...

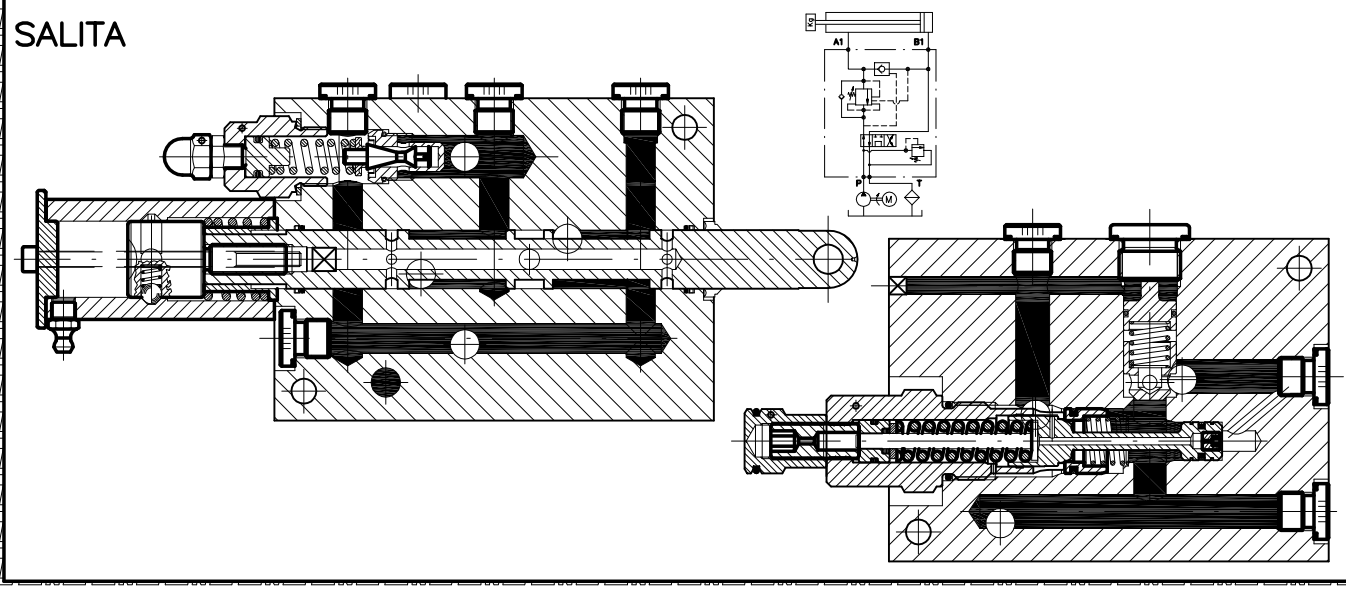
DISCESA



BLOCCO



SALITA

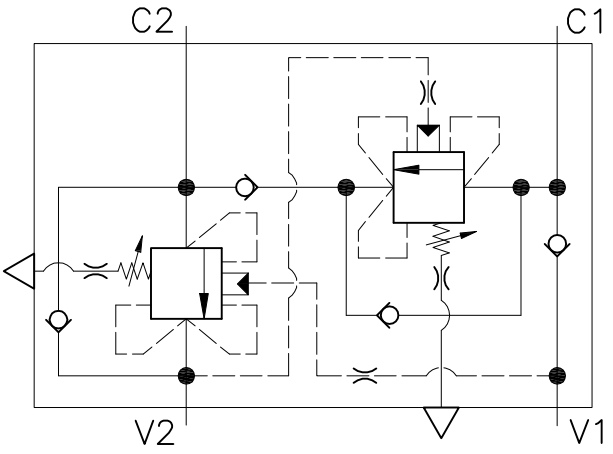


VALVOLA A DOPPIO EFFETTO DI BILANCIAMENTO, BLOCCO, CONTROLLO MOVIMENTO E FUNZIONE RIGENERATIVA DA C1 IN C2, CON COLLETTORE IN LINEA. "SERIE WR"

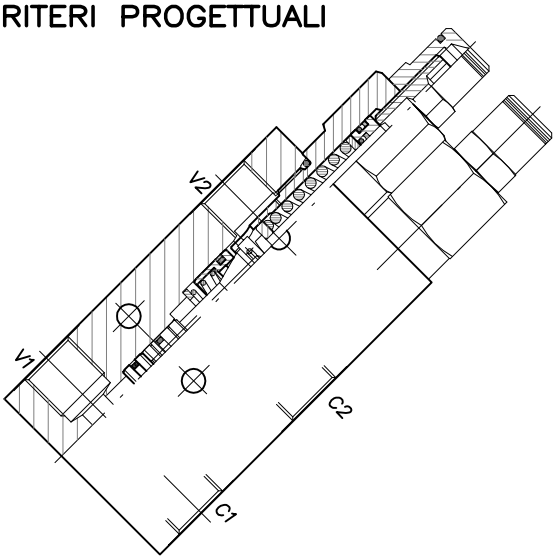
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WR–DE–38–L–...

SCHEMA DI FUNZIONAMENTO

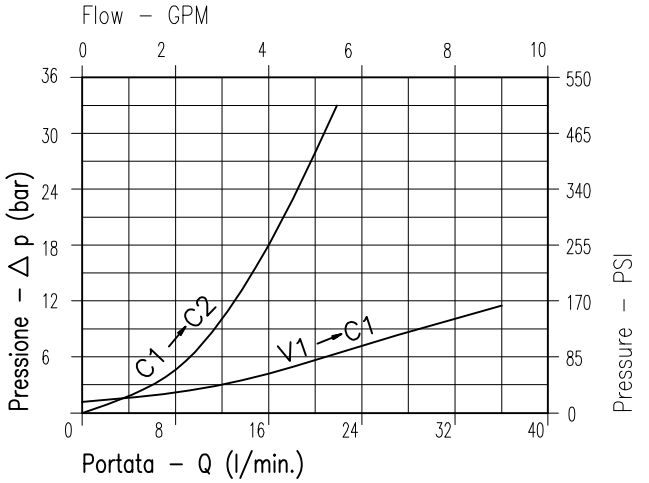


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata max in V1,V2 *Max flow in V1,V2 port*	l/min–GPM	40 – 10.5
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE: ***NOTES:***

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO: ***EXAMPLE:***

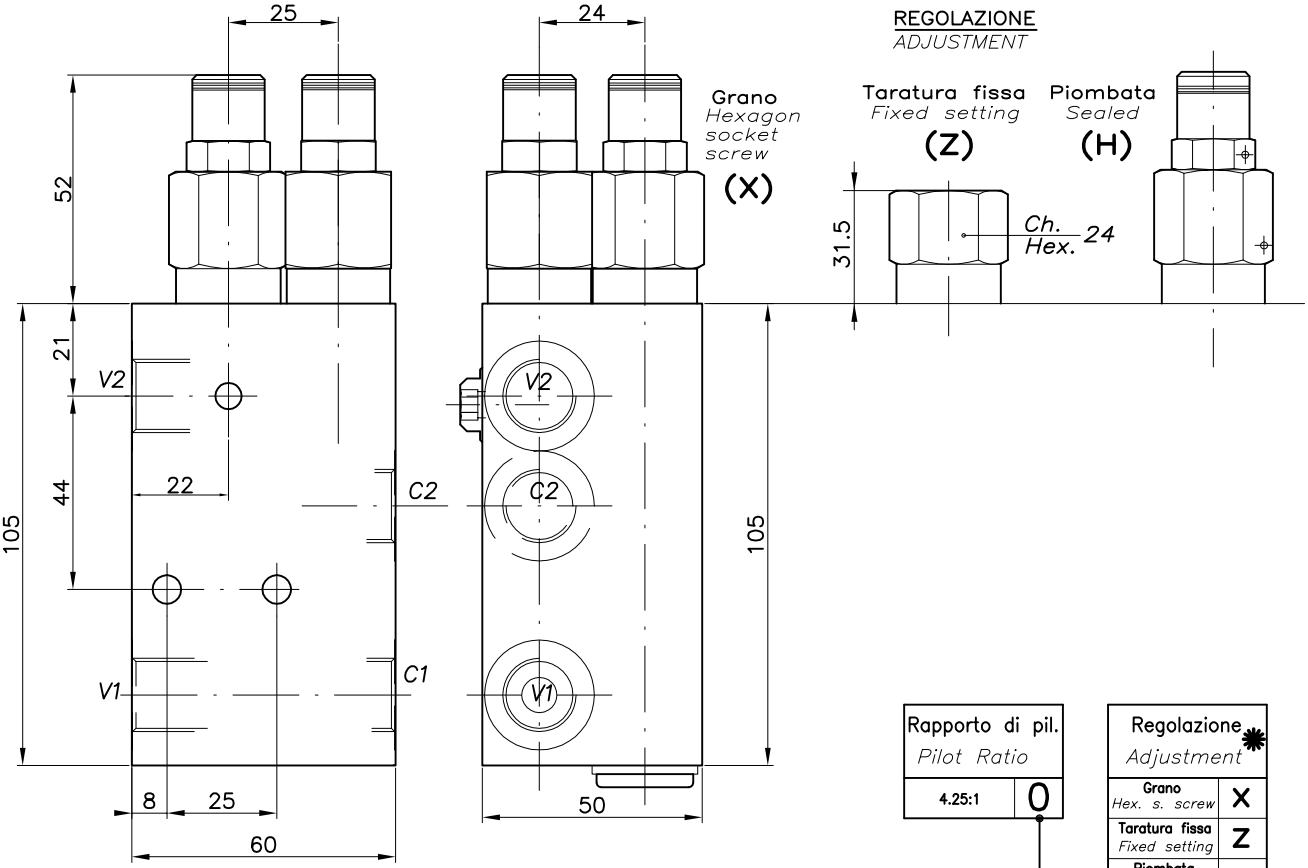
Pressione di lavoro max
Max working pressure : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

MASSA: ***MASS:*** ... Kg

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WR–DE–38–L–...



Rapporto di pil. Pilot Ratio	
4.25:1	0

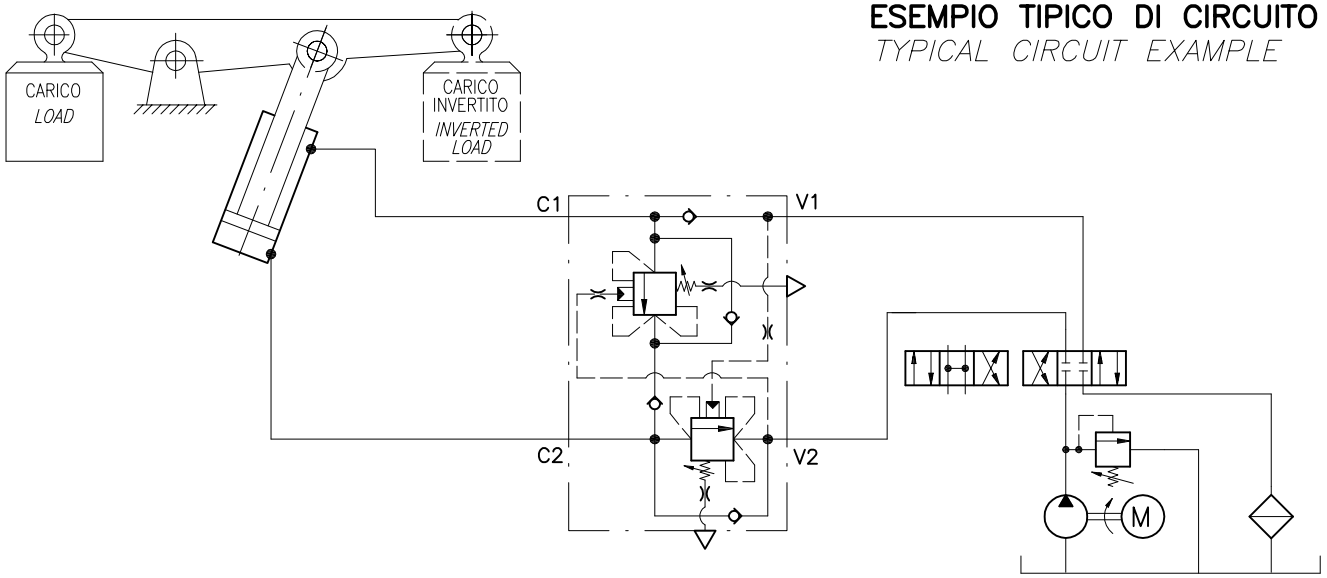
Regolazione ✸ Adjustment	
Grano Hex. s. screw	X
Taratura fissa Fixed setting	Z
Piombata Sealed	H

SIGLA VALVOLA VALVE CODE	Campo taratura 60 ÷ 350 bar (Colore giallo) Setting range 60 ÷ 350 bar (Colour yellow)		Attacchi filettati Threaded connections
	Taratura standard (Q=5 l/1') Std. bar setting (mode at 5 l/1')	Incr. press. bar giro/vite Press. increase bar/turn	Bocche Ports ISO 1179–1 (BSPP) V2–C2 V1–C1
WR–DE–38–L– ✸	350 bar	(138)	G3/8
	152		

0	0	6				0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

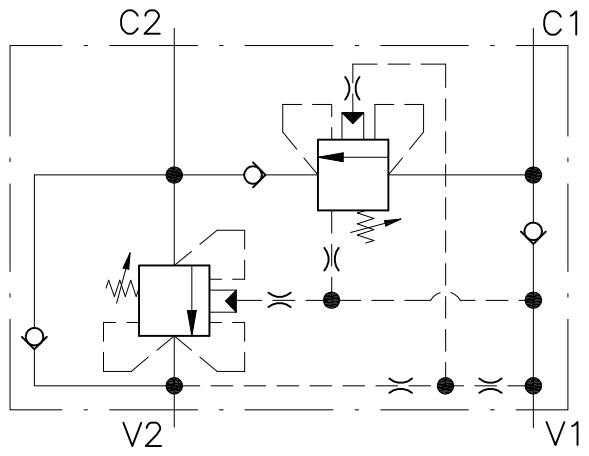


VALVOLA A DOPPIO EFFETTO DI BILANCIAMENTO, BLOCCO, CONTROLLO MOVIMENTO E FUNZIONE RIGENERATIVA DA C1 IN C2, CON COLLETTORE IN LINEA. "SERIE WR"

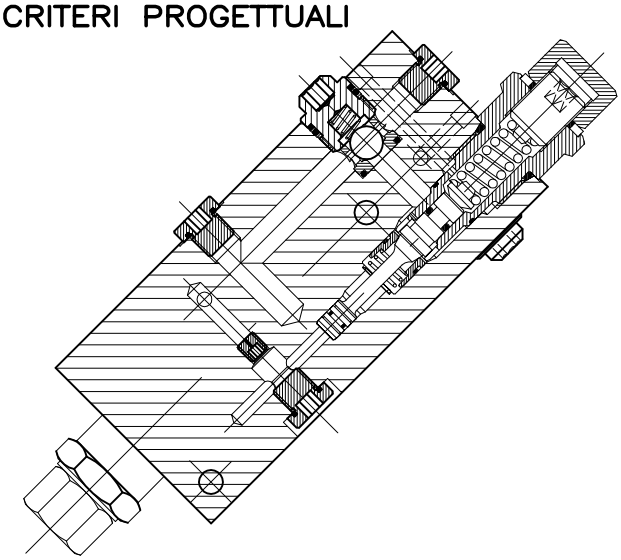
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WR–DE–38–OIL

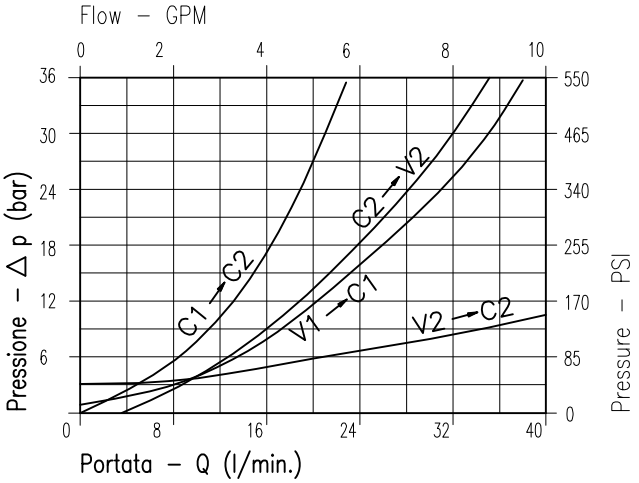
SCHEMA DI FUNZIONAMENTO



CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*		
Luce nominale *Rated size*	DN	6
Portata max in V1,V2 *Max flow in V1,V2 port*	l/min-GPM	30 – 7.9
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE: ***NOTES:***

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO: ***EXAMPLE:***

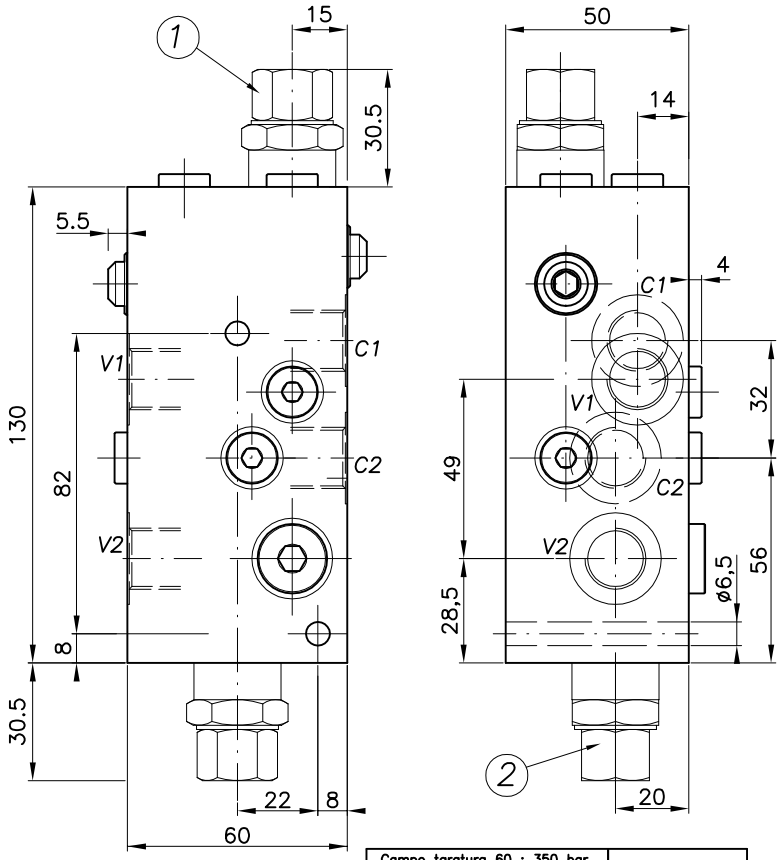
Pressione di lavoro max / *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

MASSA: ***MASS:*** 1.3 Kg

SOLUZIONI DI PRODUZIONE NECESSARIE
PER LA SCELTA DEL PRODOTTO
E RELATIVA DEFINIZIONE DEL
CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WR–DE–38–OIL–...



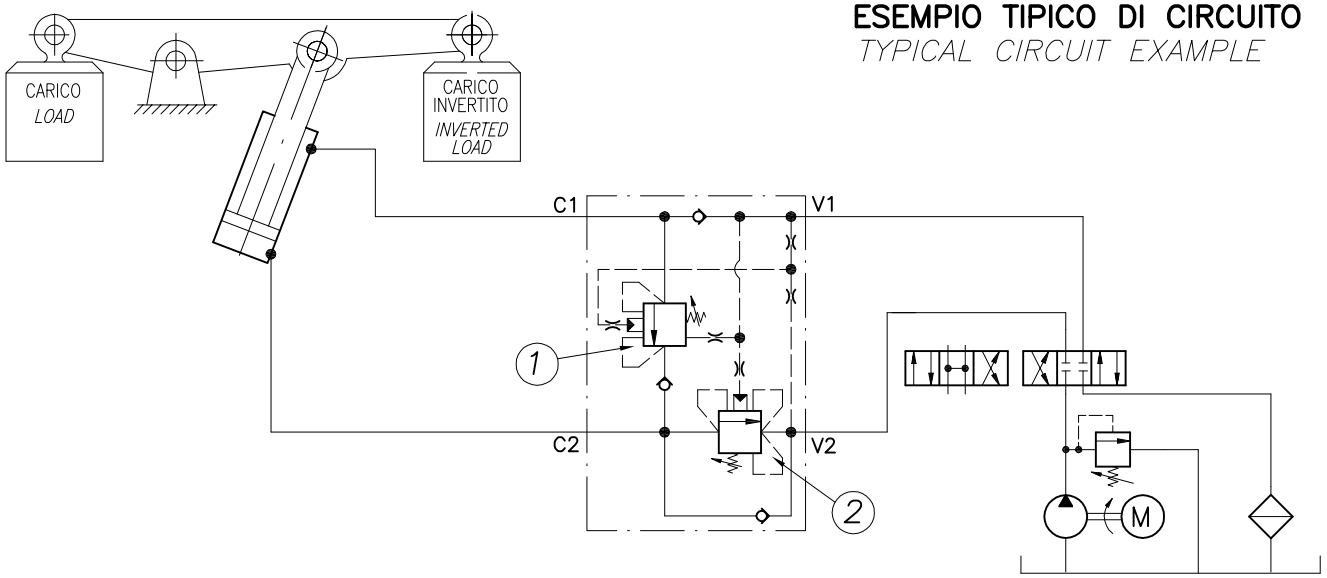
Rapporto di pil. *Pilot Ratio*	Regolazione ✸ *Adjustment*
4.25:1 — 0	Grano *Hex. s. screw* — X

SIGLA VALVOLA *VALVE CODE*	Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi filettati *Threaded connections*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Bocche *Ports* ISO 1179–1 *(BSPP)* V2–C2 V1–C1
WR–DE–38–OIL–✸	350 bar	(138)	G3/8
	153		

0	0	6				0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

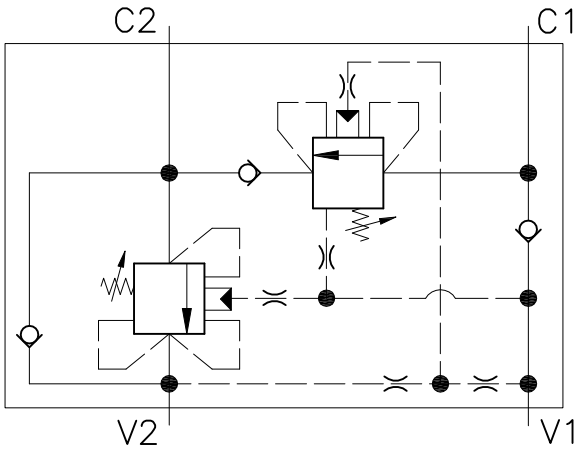


VALVOLA A DOPPIO EFFETTO DI BILANCIAMENTO, BLOCCO, CONTROLLO MOVIMENTO E FUNZIONE RIGENERATIVA DA C1 IN C2, CON COLLETTORE IN LINEA. "SERIE WR"

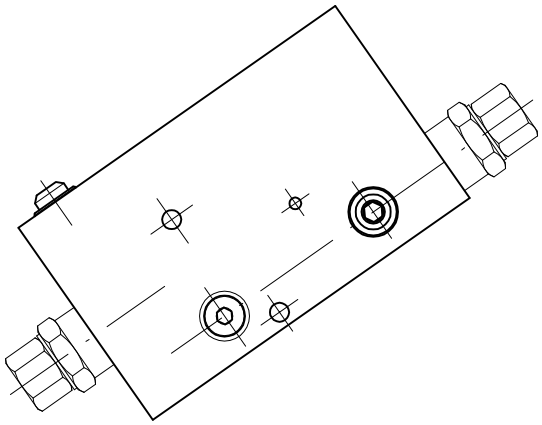
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WR-DE-38-OIL2-...

SCHEMA DI FUNZIONAMENTO

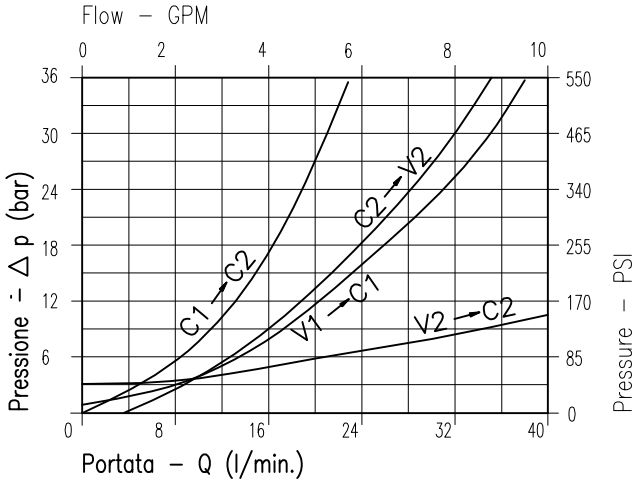


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	6
Portata max in V1,V2 *Max flow in V1,V2 port*	l/min-GPM	30 - 7.9
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	-30 +50
Temperatura olio *Oil temperature*	°C	-30 +80
Filtraggio consigliato *Filtration*	micron	30



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE: NOTES:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO: EXAMPLE:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

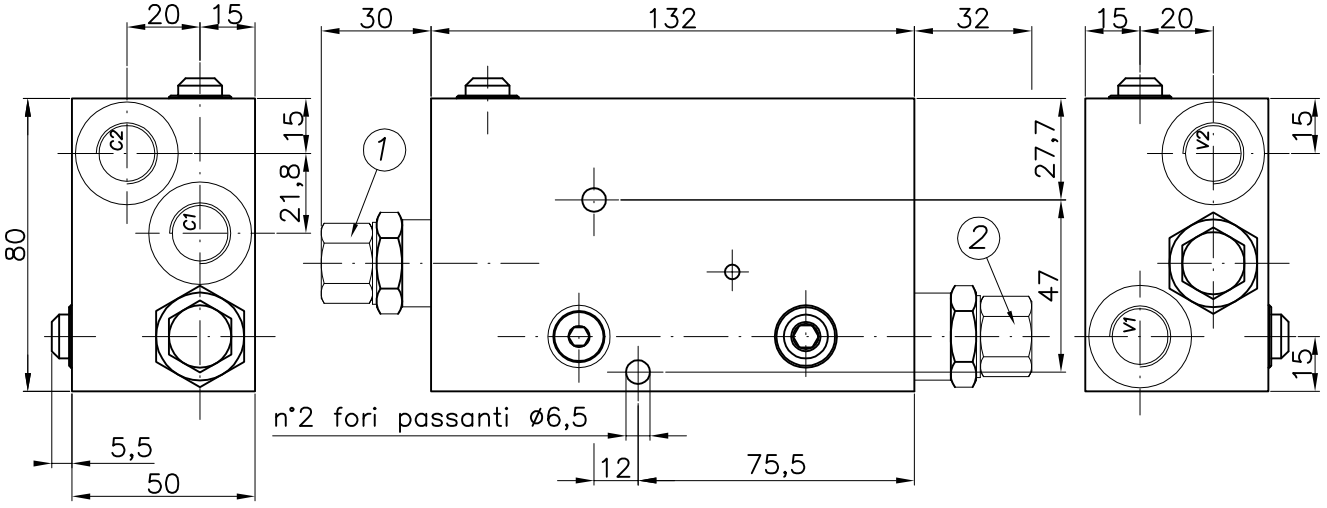
MASSA: MASS: 1.3 Kg

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WR–DE–38–OIL2–...

REGOLAZIONE
ADJUSTMENT



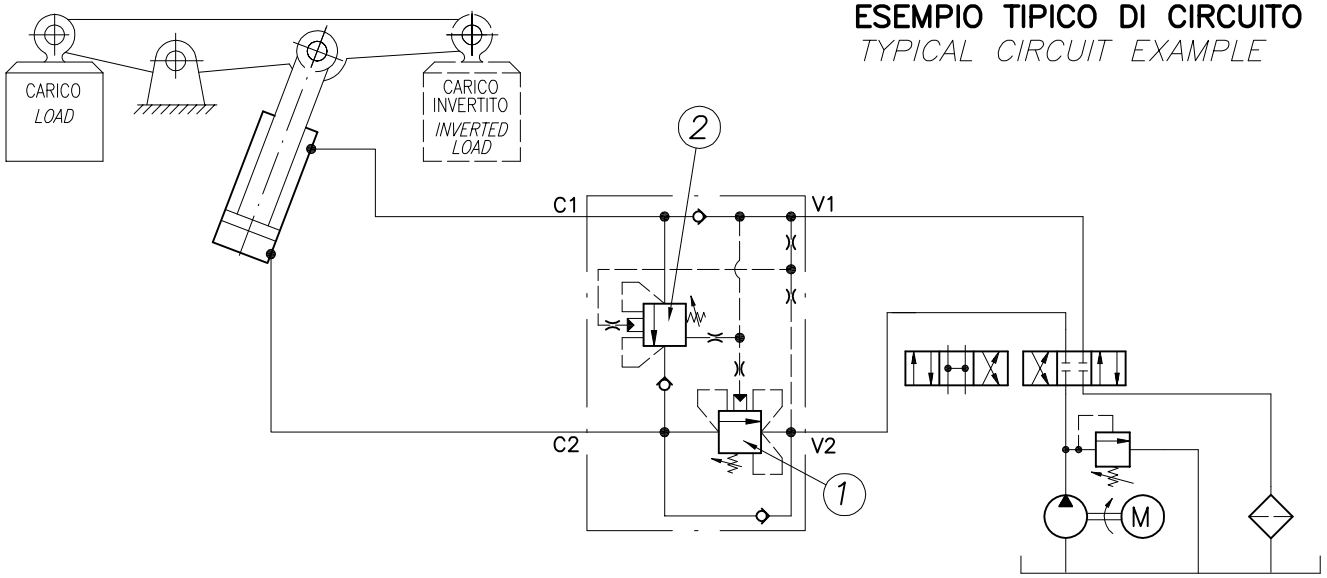
Rapporto di pil. *Pilot Ratio*	Regolazione * *Adjustment*
4.25:1 — 0	Grano *Hex. s. screw* — X

SIGLA VALVOLA *VALVE CODE*	Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi filettati *Threaded connections*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Bocche *Ports* ISO 1179-1 *(BSPP)* V2–C2 V1–C1
WR–DE–38–OIL2–*	350 bar	(138)	G3/8
	156		

0	0	6					0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

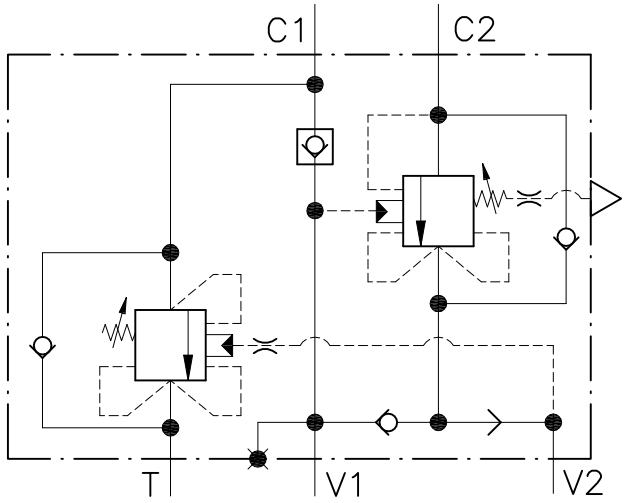


VALVOLA A DOPPIO EFFETTO DI BILANCIAMENTO, BLOCCO, CONTROLLO MOVIMENTO E FUNZIONE RIGENERATIVA DA C2 IN C1, CON COLLETTORE IN LINEA. "SERIE WR"

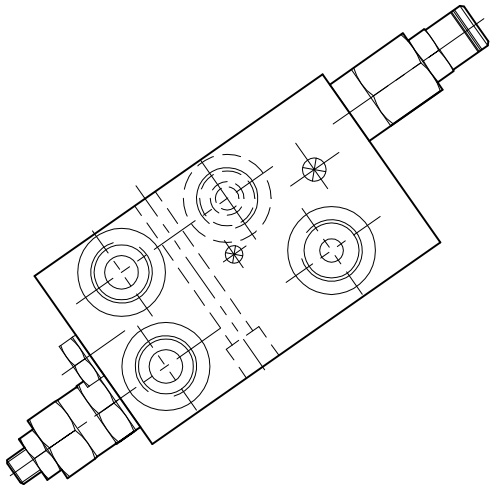
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WR–CC1–DE–12–L–...

SCHEMA DI FUNZIONAMENTO

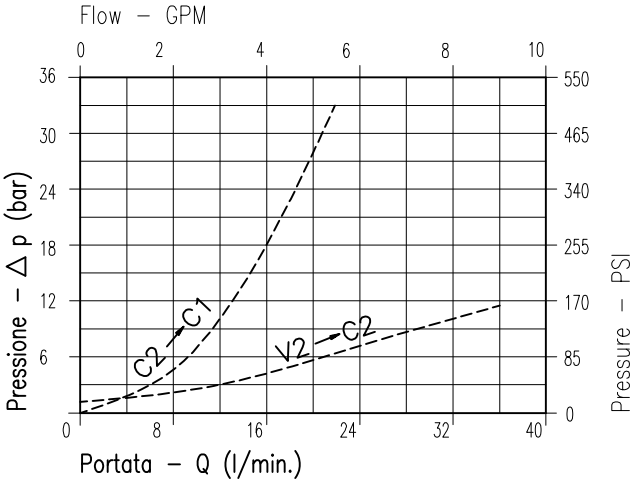


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata max in V1,V2 *Max flow in V1,V2 port*	l/min–GPM	40 ÷ 10.5
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30



Viscosita' olio 46 cSt a 50 °C
Oil viscosity 46 cSt at 50 °C

NOTE: ***NOTES:***

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO: ***EXAMPLE:***

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

MASSA: ***MASS:*** ... Kg

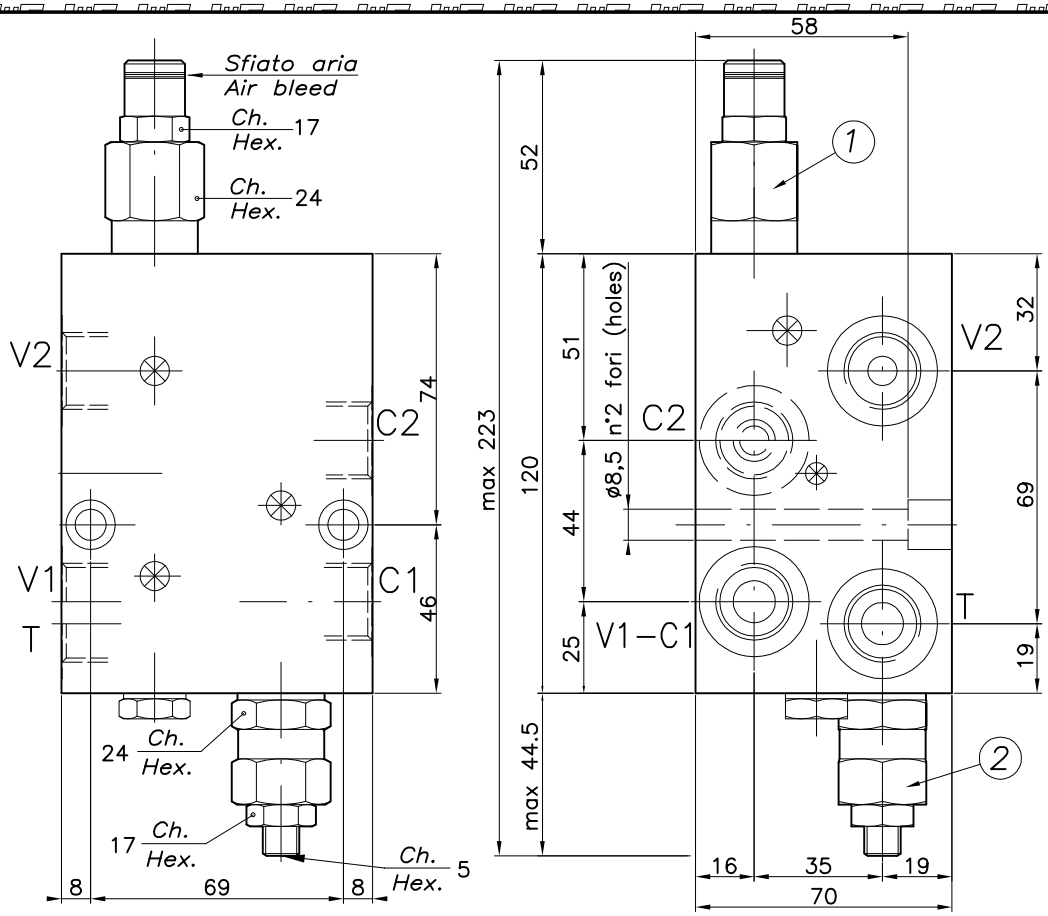
Valvola con scarico rapido da C1 – portata massima 60l/min.

High flow capability valve from C1 – 60l/min maximum flow.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WR–CC1–DE–12–L–...



Rapporto di pil. *Pilot Ratio*: 4.25:1 — 0

1 Regolazione *Adjustment*: Grano *Hex. s. screw* — X

SIGLA VALVOLA *VALVE CODE*	Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Attacchi filettati *Threaded connections*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Bocche *Ports* ISO 1179–1 *(BSPP)* V2–C2 V1–C1–T
WR–CC1–DE–12–L–✱	544		543		G1/2

0	0	1					0

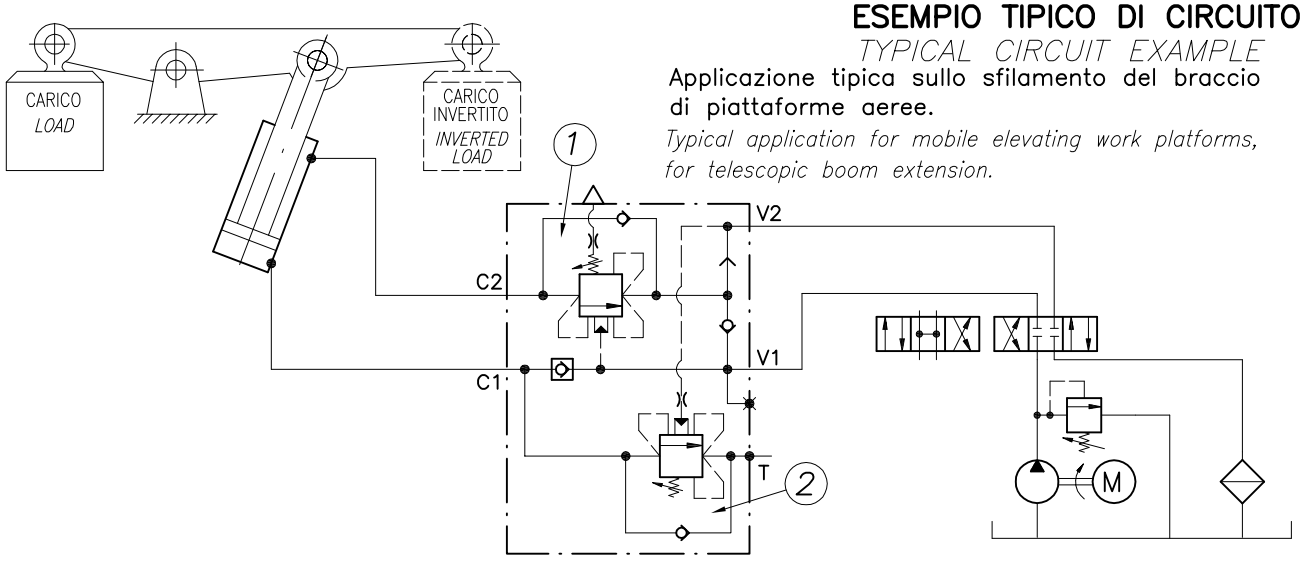
CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO

TYPICAL CIRCUIT EXAMPLE

Applicazione tipica sullo sfilamento del braccio di piattaforme aeree.

Typical application for mobile elevating work platforms, for telescopic boom extension.

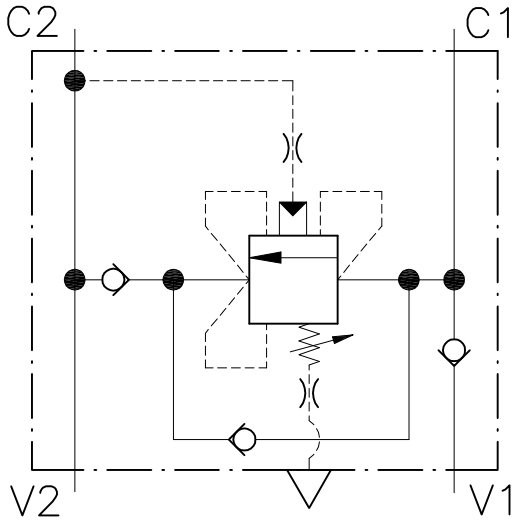


VALVOLA A SEMPLICE EFFETTO DI BILANCIAMENTO, BLOCCO, CONTROLLO MOVIMENTO E FUNZIONE RIGENERATIVA DA C1 IN C2, CON COLLETTORE IN LINEA, FLANGIATA BULLONE. "SERIE WR"

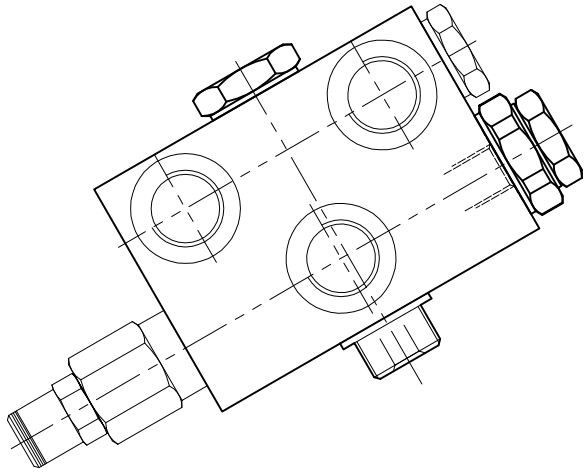
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WR–FB–12–14M–RΔ–✳

SCHEMA DI FUNZIONAMENTO

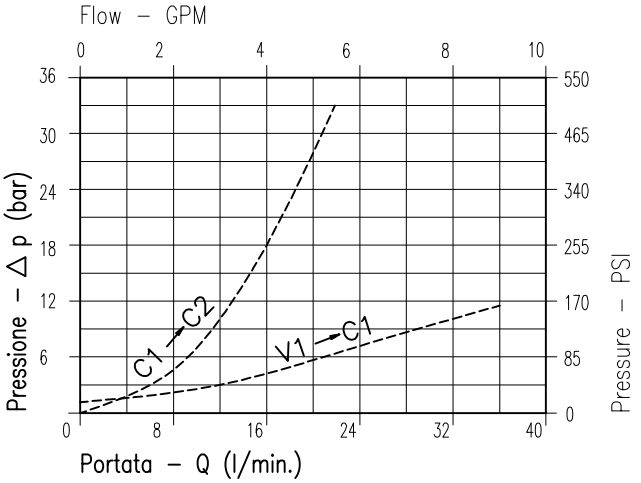


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata max in V1,V2 *Max flow in V1,V2 port*	l/min–GPM	40 – 10.5
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30



Viscosita' olio 46 cSt a 50 °C
Oil viscosity 46 cSt at 50 °C

NOTE: ***NOTES:***

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO: ***EXAMPLE:***

Pressione di lavoro max
Max working pressure : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

MASSA: ***MASS:*** ... Kg

Questa valvola utilizza le seguenti cartucce:

1.) Overcenter tipo WB–CC
2.) Ritegno VRN–C–12–34
3.) Ritegno VRSP–12

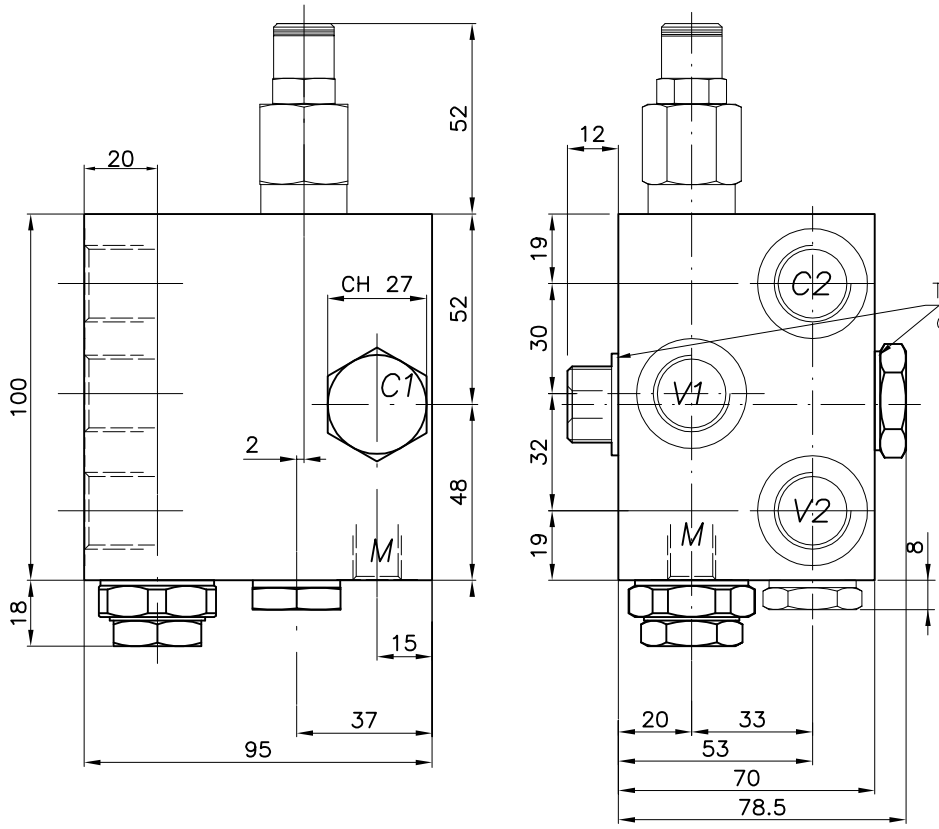
This valve uses the following cartidges:

1.) Overcenter WB–CC
2.) Check valve VRN–C–12–34
3.) Check valve VRSP–12

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WR–FB–12–14M–R...–...



Rapporto di pil. Pilot Ratio △	
9:1	F

Diametro foro pilotaggio (mm) ✱ Pilot hole (mm)		
Grano Dowel	ø0.6	X
Grano Dowel	ø0.7	Y
Grano Dowel	ø0.8	Z
Grano Dowel	ø1	H
Senza grano Whithout dowel		K

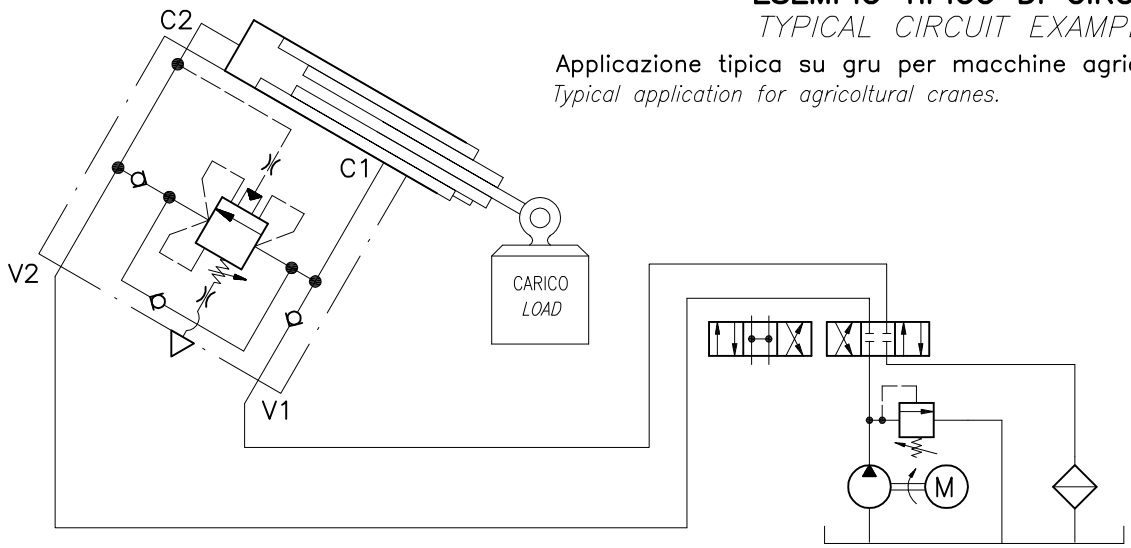
SIGLA VALVOLA VALVE CODE	Campo taratura 60 ÷ 350 bar (Colore giallo) Setting range 60 ÷ 350 bar (Colour yellow)		Attacchi filettati Threaded connections		
	Taratura standard (Q=5 l/1') Std. bar setting (mode at 5 l/1')	Incr. press. bar giro/vite Press. increase bar/turn	Bocche Ports ISO 1179–1 (BSPP)		Vite forate Hollow bolt ISO 228 (BSPP)
	350 bar	(138)	V2–C2 V1	M	C1
WR–FB–12–14M–R△–✱	149		G1/2	G1/4	G1/2

0	0	6					0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

Applicazione tipica su gru per macchine agricole.
Typical application for agricoltural cranes.

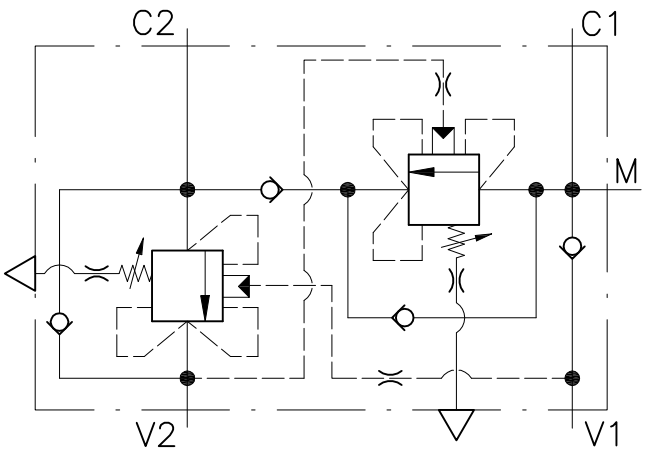


VALVOLA A DOPPIO EFFETTO DI BILANCIAMENTO, BLOCCO, CONTROLLO MOVIMENTO E FUNZIONE RIGENERATIVA DA C1 IN C2, CON COLLETTORE IN LINEA, FLANGIATA BULLONE. "SERIE WR"

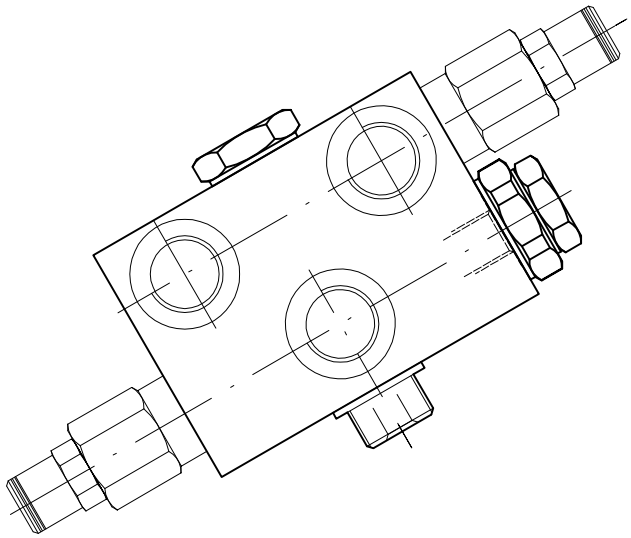
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WR–FB–12–14–R...

SCHEMA DI FUNZIONAMENTO

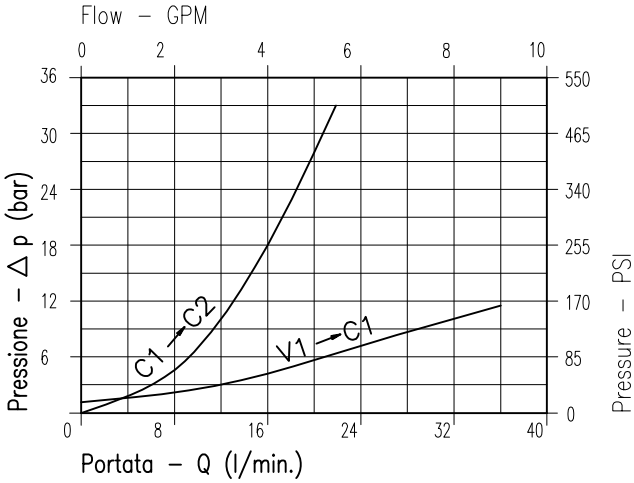


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata max in V1,V2 *Max flow in V1,V2 port*	l/min–GPM	40 – 10.5
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE: ***NOTES:***

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO: ***EXAMPLE:***

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

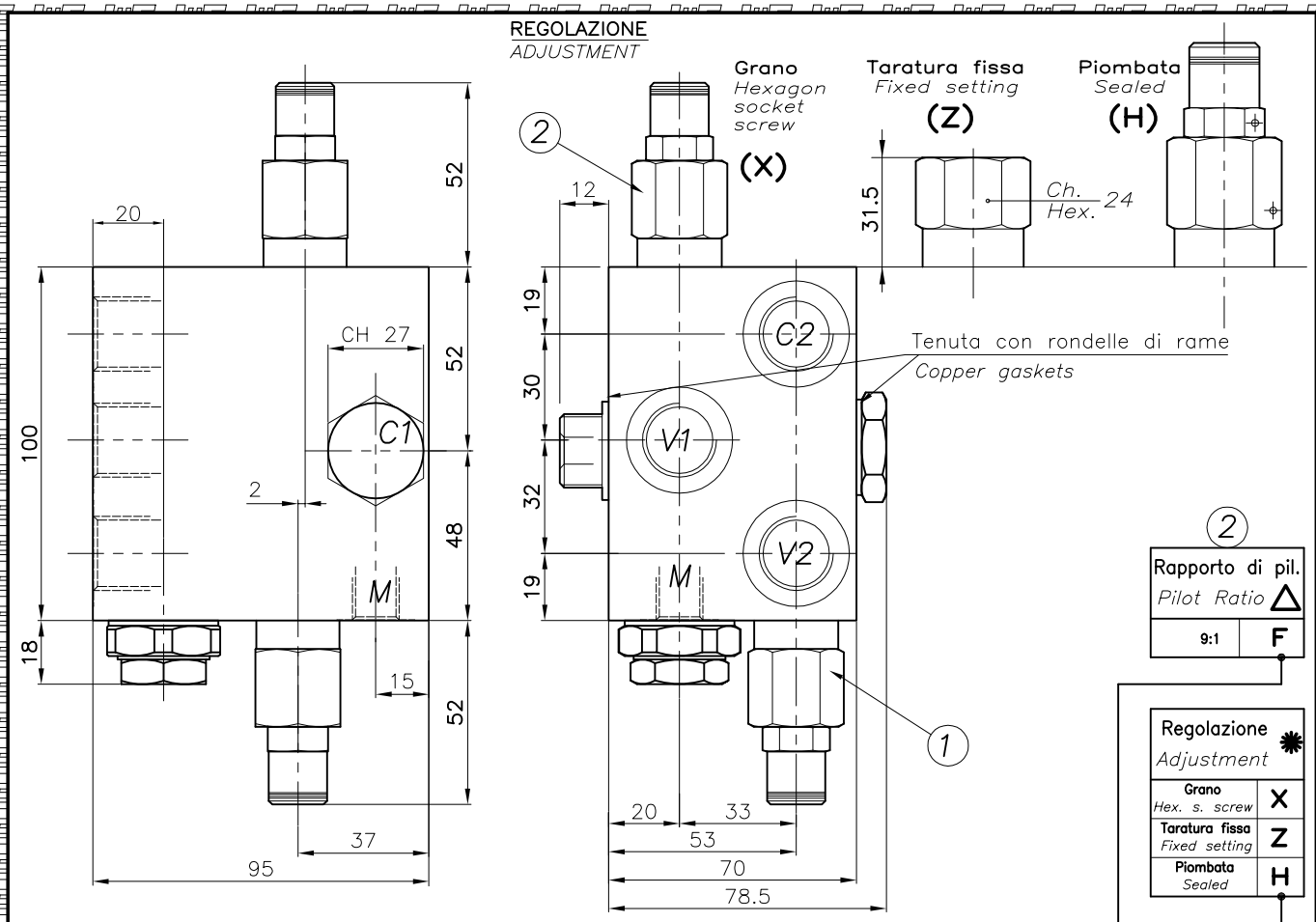
MASSA: ***MASS:*** ... Kg

SOLUZIONI DI PRODUZIONE NECESSARIE
PER LA SCELTA DEL PRODOTTO
E RELATIVA DEFINIZIONE DEL
CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WR–FB–12–14–R...

REGOLAZIONE
ADJUSTMENT



Rapporto di pil. *Pilot Ratio* △	
9:1	F

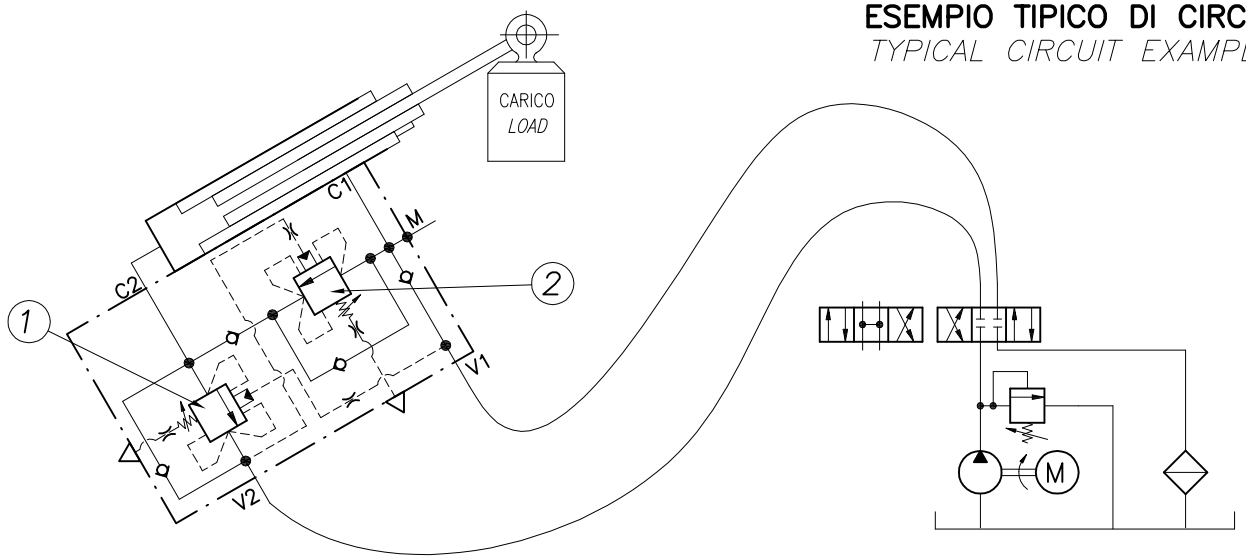
Regolazione ✹ *Adjustment*	
Grano *Hex. s. screw*	X
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H

SIGLA VALVOLA *VALVE CODE*	Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi filettati *Threaded connections*		
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Bocche *Ports* ISO 1179–1 *(BSPP)*		Vite forate *Hollow bolt* ISO 228 *(BSPP)*
	350 bar	(138)	V2–C2 V1	M	C1
WR–FB–12–14–R△–✹	148		G1/2	G1/4	G1/2

0	0	6					0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

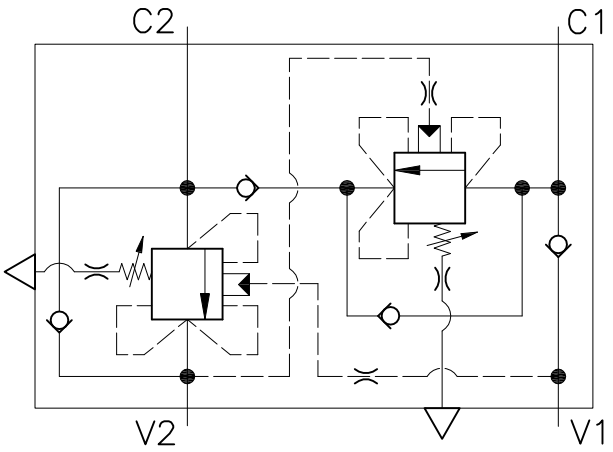


VALVOLA A DOPPIO EFFETTO DI BILANCIAMENTO, BLOCCO, CONTROLLO MOVIMENTO E FUNZIONE RIGENERATIVA DA C1 IN C2, CON COLLETTORE IN LINEA, FLANGIATA BULLONE. "SERIE WR"

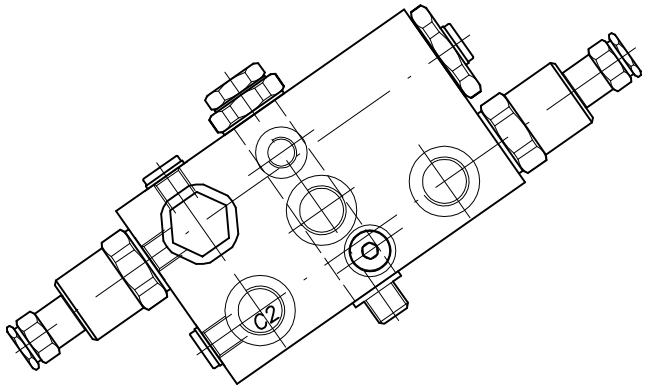
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WR100–FB–12–14–R15–...

SCHEMA DI FUNZIONAMENTO

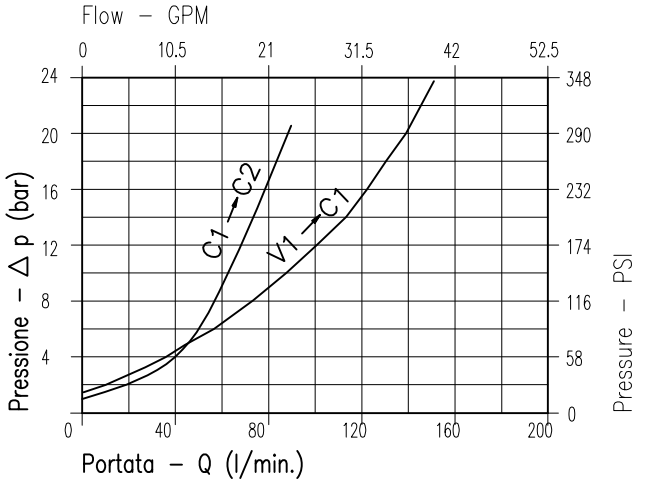


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	12
Portata max in V1,V2 *Max flow in V1,V2 port*	l/min–GPM	160 – 42
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE: ***NOTES:***

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO: ***EXAMPLE:***

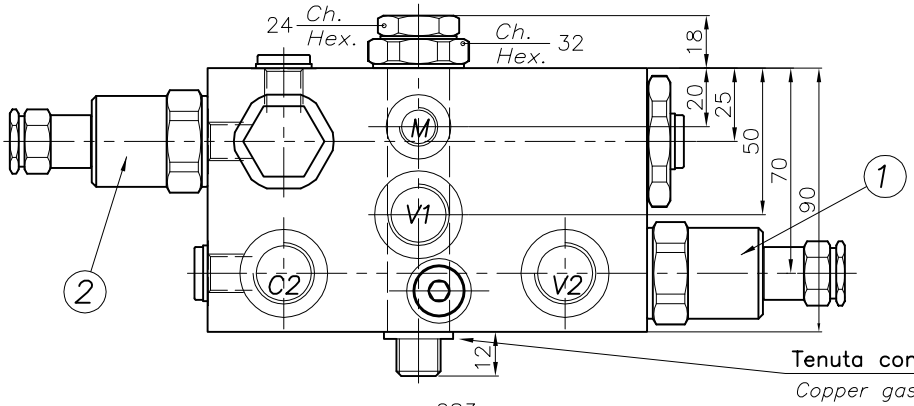
Pressione di lavoro max
Max working pressure : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

MASSA: ***MASS:*** ... Kg

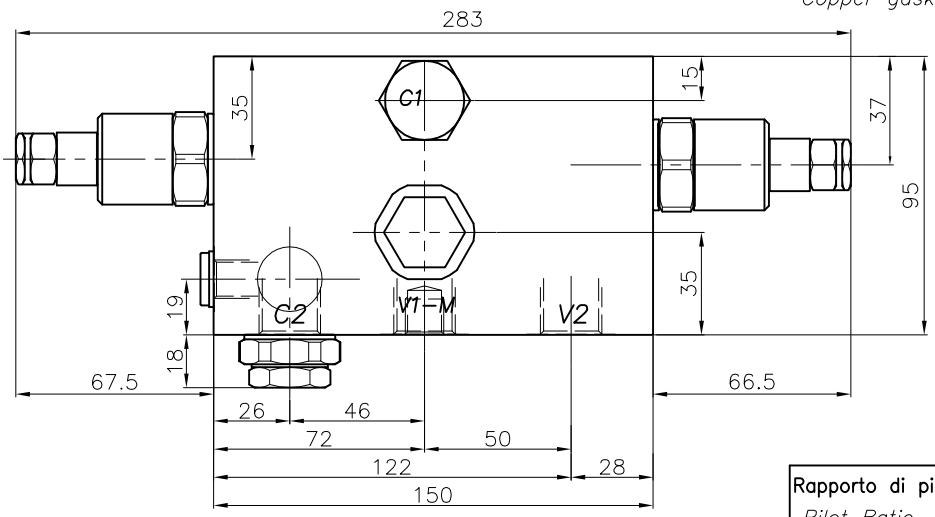
SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WR100–FB–12–14–R15–...



Tenuta con rondelle di rame
Copper gaskets



SIGLA VALVOLA *VALVE CODE*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*	Attacchi filettati *Threaded connections*	
			Bocche *Ports* ISO 1179–1 *(BSPP)*		Vite forate *Hollow bolt* ISO 228 *(BSPP)*
			V2–C2 V1	M	C1
WR100–FB–12–14–R15–	150		G1/2	G1/4	G1/2

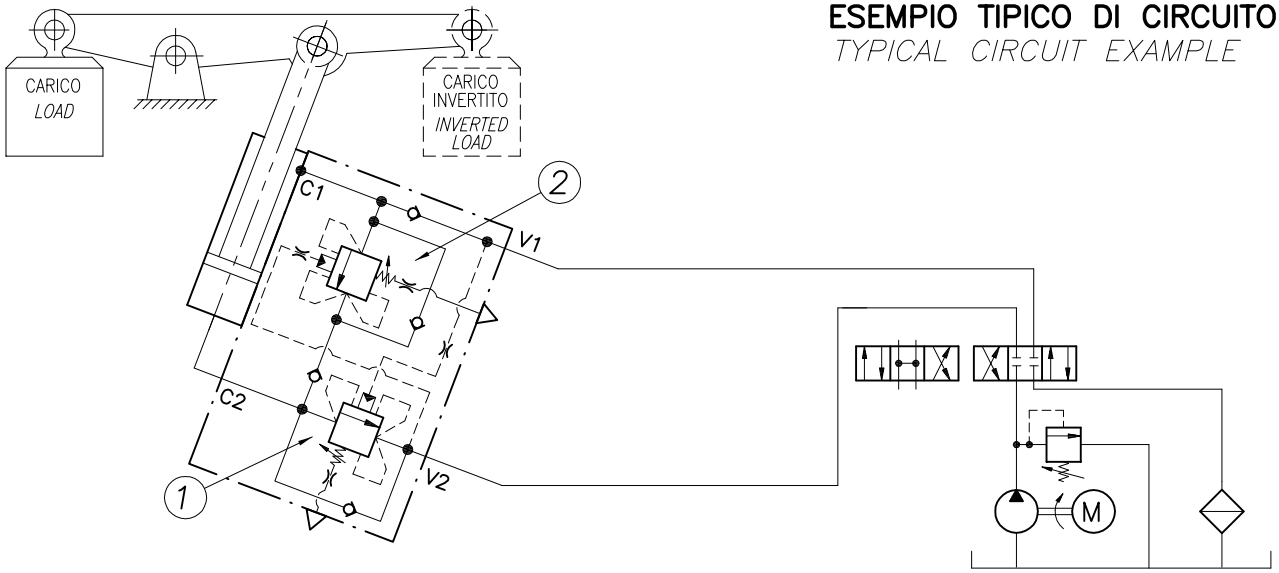
Rapporto di pil. *Pilot Ratio*	
15:1	K

Regolazione *Adjustment*	
Grano *Hex. s. screw*	X

0	0	6				0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

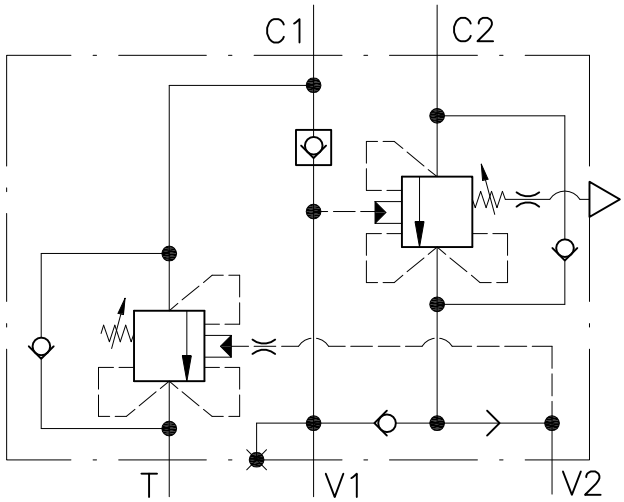


VALVOLA A DOPPIO EFFETTO DI BILANCIAMENTO, BLOCCO, CONTROLLO MOVIMENTO CON FUNZIONE RIGENERATIVA DA C2 IN C1,FLANGIATA SU UTILIZZO, "SERIE WR"

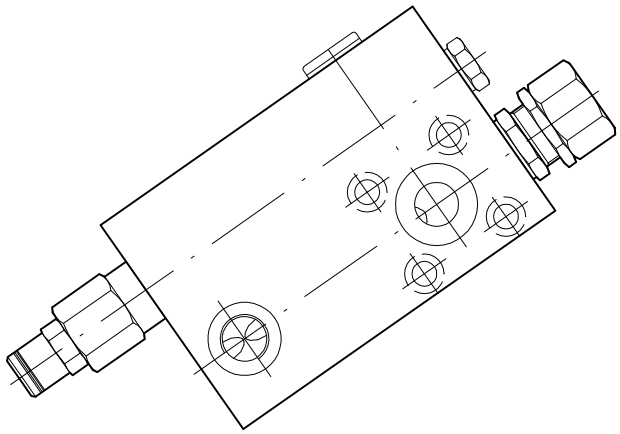
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WR–CC1–DE–38–FC1–...

SCHEMA DI FUNZIONAMENTO

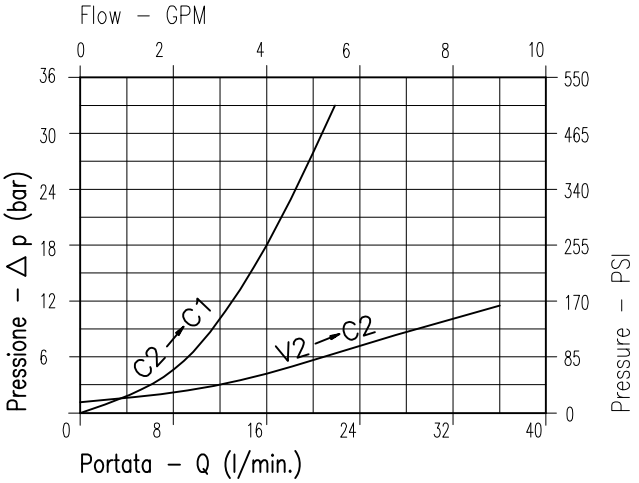


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata max in V1,V2 *Max flow in V1,V2 port*	l/min–GPM	40 – 10.5
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE: ***NOTES:***

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO: ***EXAMPLE:***

Pressione di lavoro max
Max working pressure : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

MASSA: ***MASS:*** ... Kg

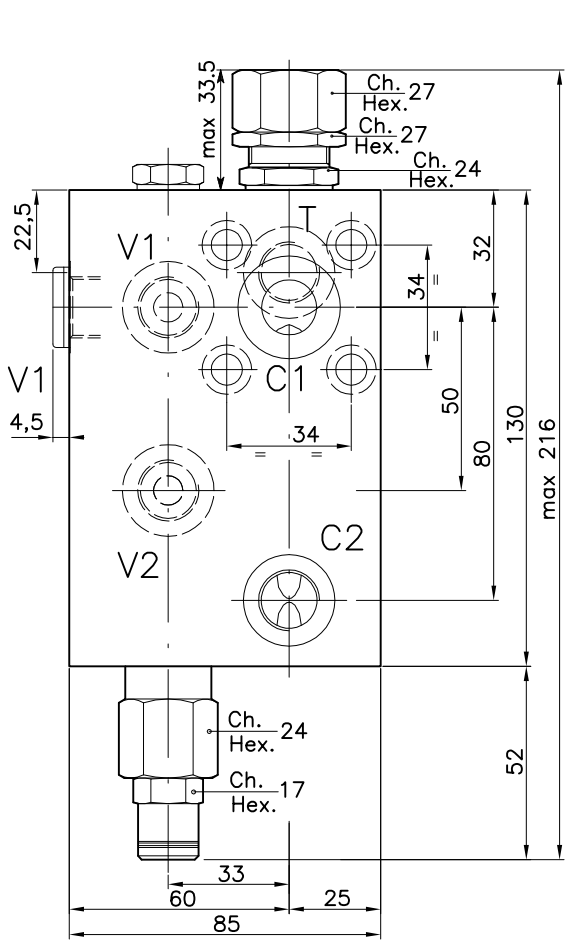
Valvola con scarico rapido da C1 – portata massima 60 l/min.

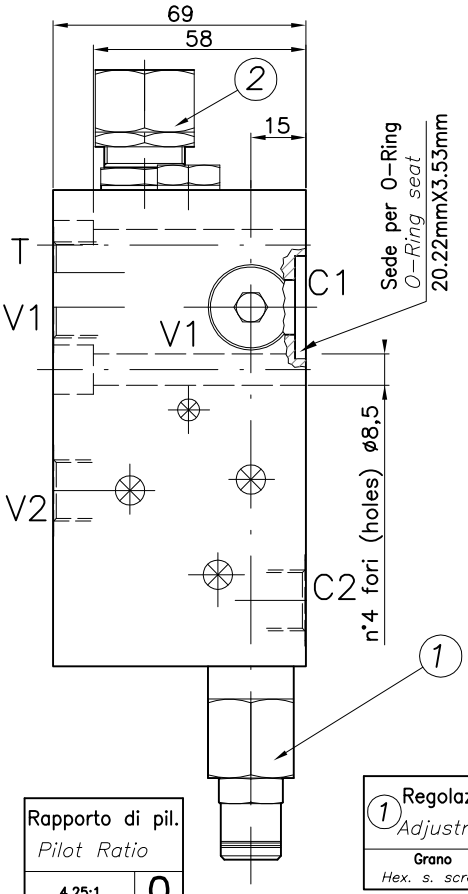
High flow capability valve from C1 – 60 l/min maximum flow.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WR–CC1–DE–38–FC1–...





Rapporto di pil. *Pilot Ratio*	
4.25:1	0

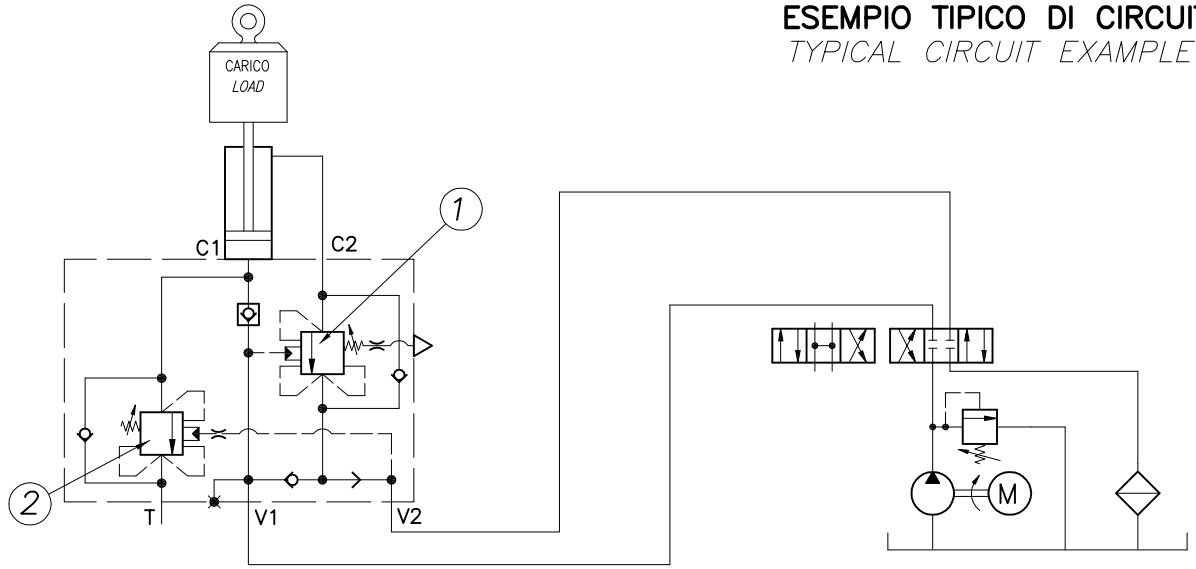
1 Regolazione *Adjustment*	
Grano *Hex. s. screw*	X

SIGLA VALVOLA *VALVE CODE*	Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi filettati *Threaded connections*	Attacchi flangiati *Flanged connections*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Bocche *Ports* ISO 1179-1 *(BSPP)*	Bocche *Ports* non standard
	350 bar	(138)	V2–C2 V1–T	C1
WR–CC1–DE–38–FC1–	105		G3/8	34x34 OR4081(2–211)

0	0	6				0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

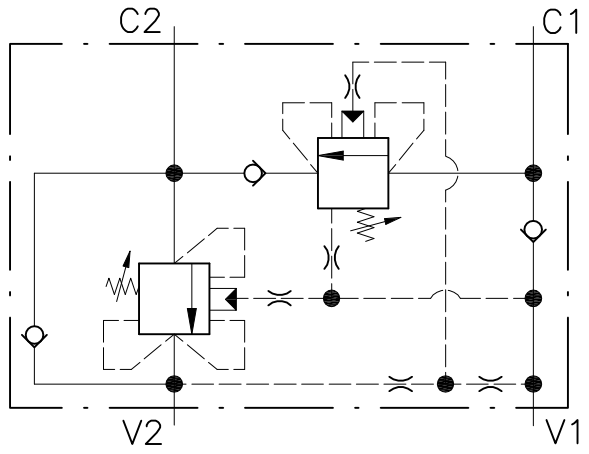


VALVOLA A DOPPIO EFFETTO DI BILANCIAMENTO, BLOCCO, CONTROLLO MOVIMENTO E FUNZIONE RIGENERATIVA DA C1 IN C2, CON COLLETTORE FLANGIATO O-RING. "SERIE WR"

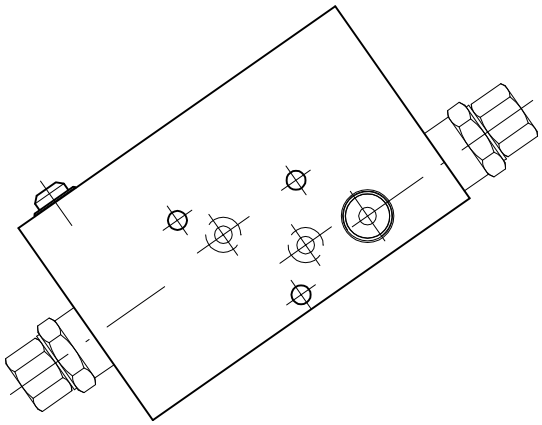
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

WR-DE-38-OIL-FC2-...

SCHEMA DI FUNZIONAMENTO

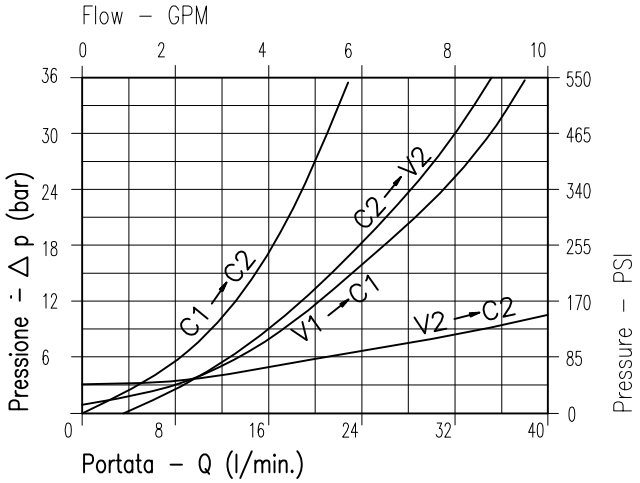


CRITERI PROGETTUALI



CARATTERISTICHE - *PERFORMANCES*

Luce nominale *Rated size*	DN	6
Portata max in V1,V2 *Max flow in V1,V2 port*	l/min-GPM	30 - 7.9
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	-30 +50
Temperatura olio *Oil temperature*	°C	-30 +80
Filtraggio consigliato *Filtration*	micron	30



Viscosita' olio 4°E a 50°C
Oil viscosity 46 cSt at 50 °C

NOTE: ***NOTES:***

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO: ***EXAMPLE:***

Pressione di lavoro max / *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

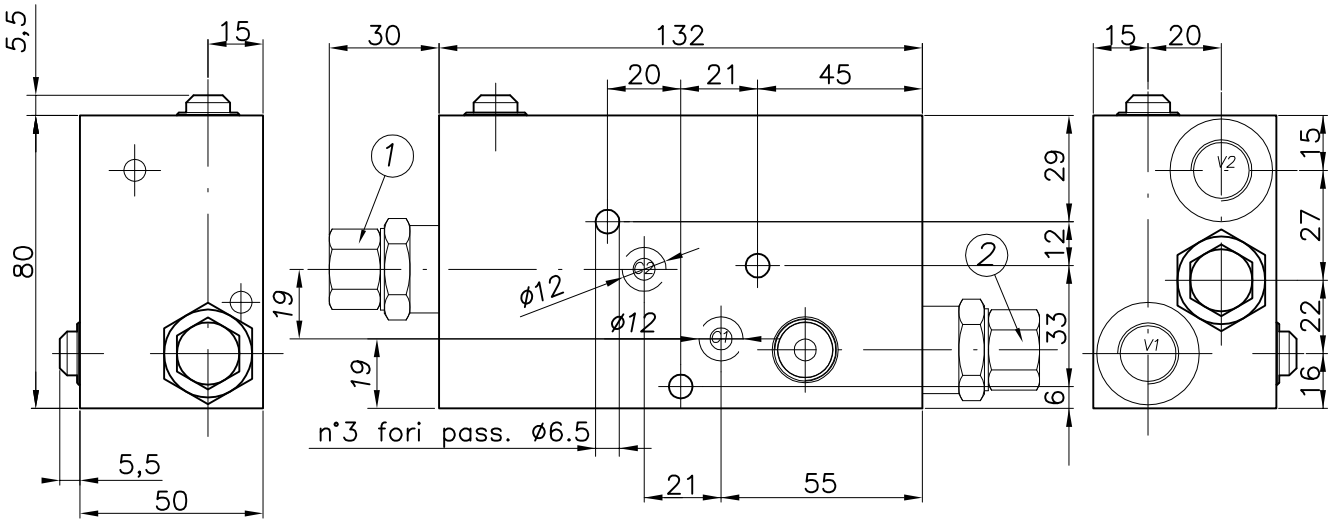
MASSA: ***MASS:*** 1.3 Kg

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

WR–DE–38–OIL–FC2–...

REGOLAZIONE
ADJUSTMENT



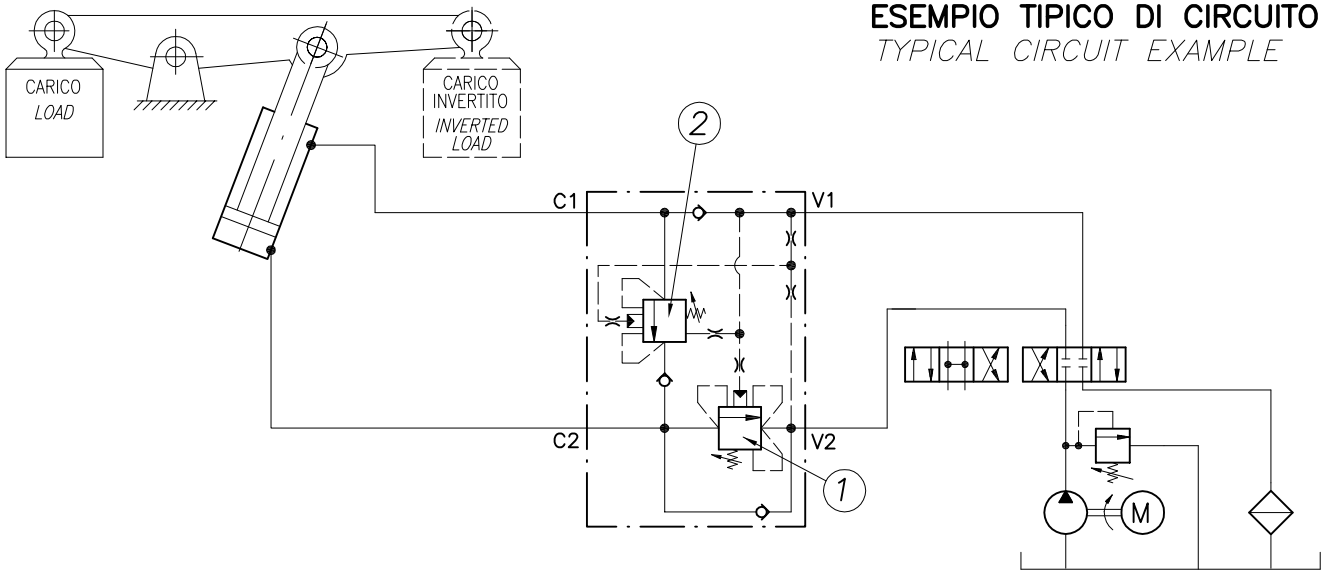
Rapporto di pil. *Pilot Ratio*	Regolazione ✱ *Adjustment*
4.25:1 — 0	Grano *Hex. s. screw* — X

SIGLA VALVOLA *VALVE CODE*	Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi filettati *Threaded connections*	Flangia *Connections*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Bocche *Ports* ISO 1179-1 *(BSPP)* V1–V2	Bocche *Ports* C1–C2
WR–DE–38–OIL–FC2–✱	166		G3/8	ø6

0	0	6				0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



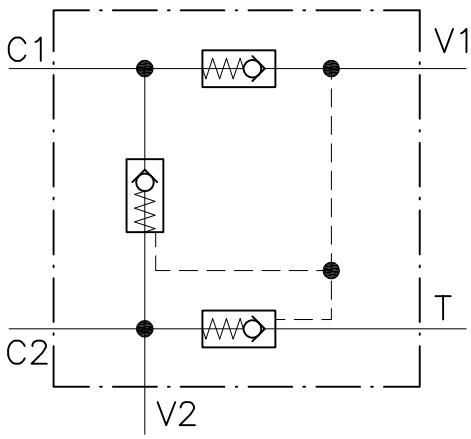
VALVOLA CON FUNZIONE RIGENERATIVA PERMANENTE DA C1 IN C2, CON COLLETTORE IN LINEA CON SCARICO RAPIDO PILOTATO

"SERIE VR"

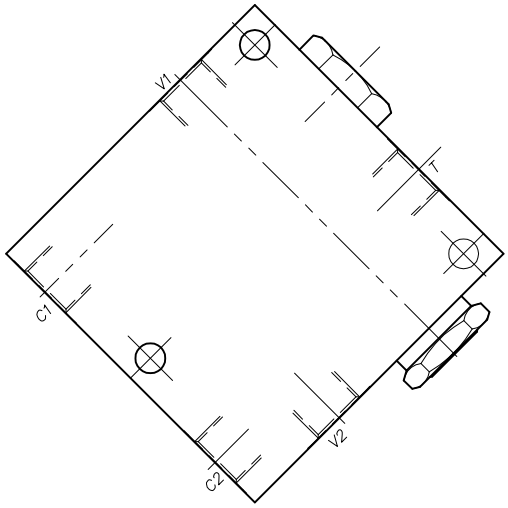
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

VR–DE–38–S

SCHEMA DI FUNZIONAMENTO

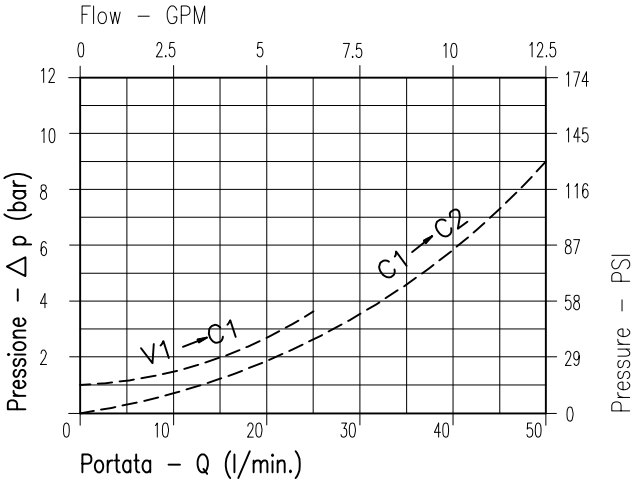


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	8
Portata max in V1,V2 *Max flow in V1,V2 port*	l/min–GPM	40 – 10.5
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30



Viscosita' olio 46 cSt a 50 °C
Oil viscosity 46 cSt at 50 °C

MASSA: ***MASS:*** ... Kg

La valvola e composta di un collettore di lega di alluminio e delle seguenti cartucce:

This valve is made with the following cartidges in an aluminium alloy manifold:

1.) VRSP–38
2.) VNR–C–BO–50
3.) VNR–C–SO–SE–50

La valvola è usata per ottenere lo sfilamento rapido dello stelo di un cilindro e per ogevolare lo scarico dal lato fondello durante l'uscita dello stelo.

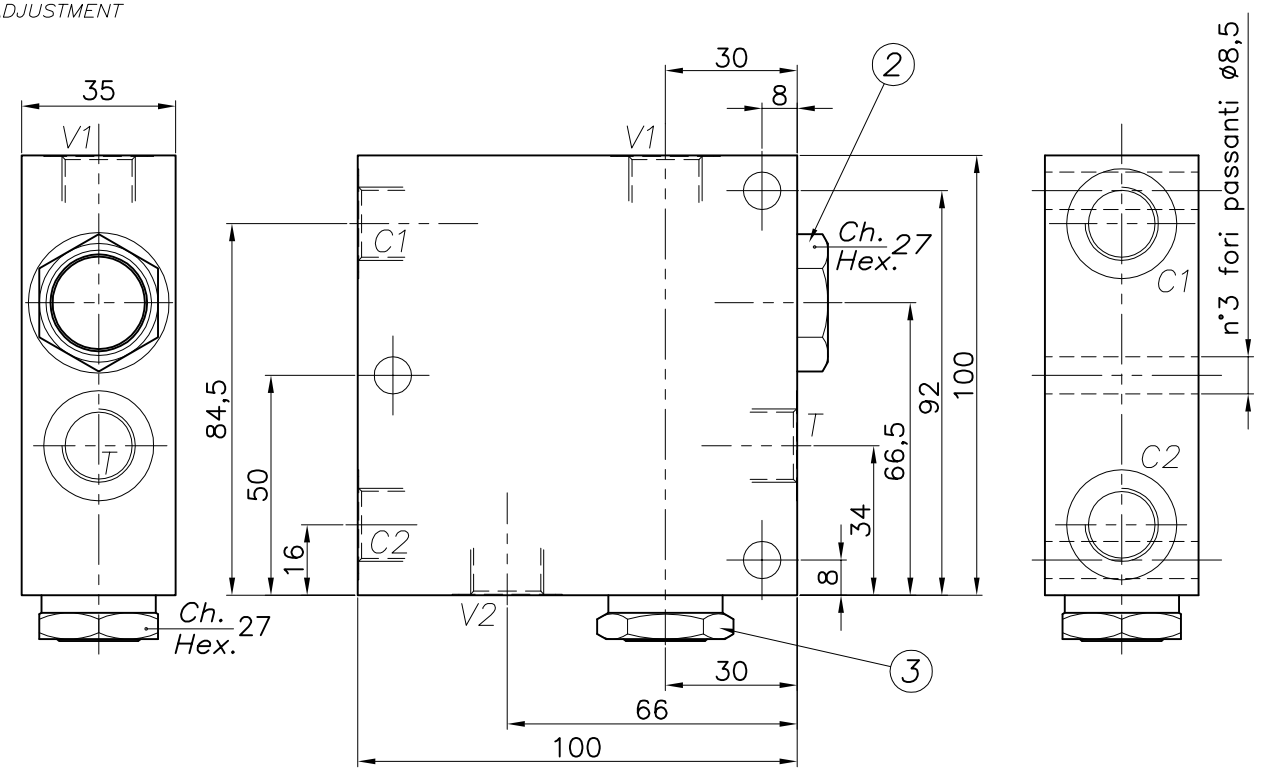
This valve is used with differential cylinders, for fast rod exctension and easy return to tank during rod retraction.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

VR-DE-38-S

REGOLAZIONE
ADJUSTMENT

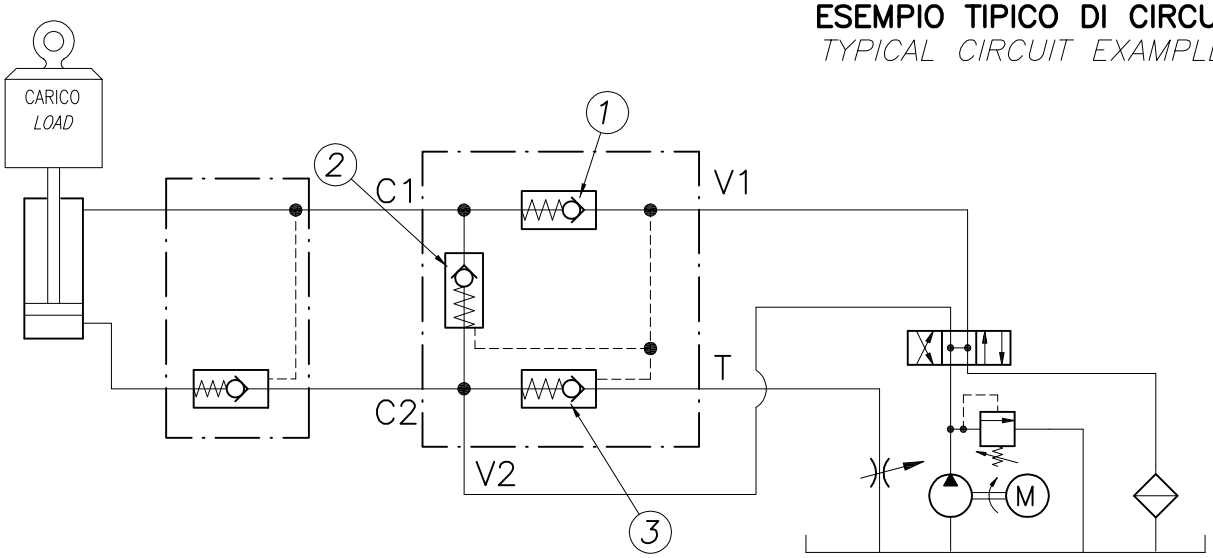


SIGLA VALVOLA *VALVE CODE*	Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi filettati *Threaded connections*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Bocche *Ports* ISO 1179-1 *(BSPP)* V2-C2 V1-C1-T
VR-DE-38-S	350 bar	(138)	G3/8
	283		

0	0	3			0	0	0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

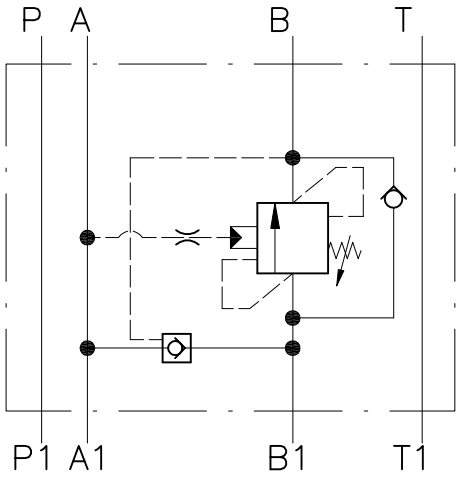


VALVOLA PER CIRCUITI RIGENERATIVI, CON ESCLUSIONE AUTOMATICA A PRESSIONE REGOLABILE, CON FLUSSO DA B1 IN A1, CON COLLETTORE, MODULARE ISO 3. "SERIE VR"

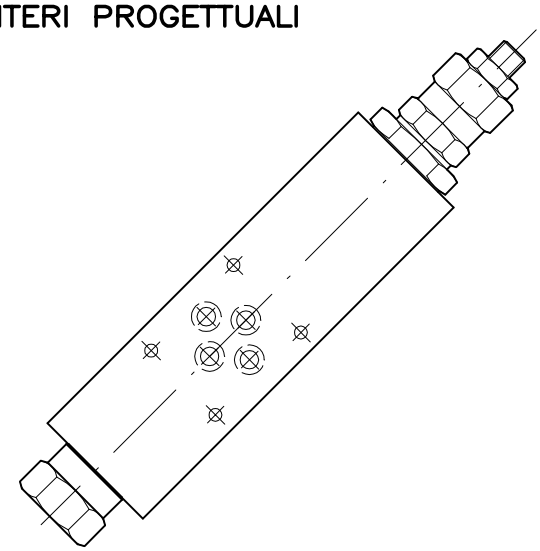
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

VR–CRR–CTP3–...

SCHEMA DI FUNZIONAMENTO

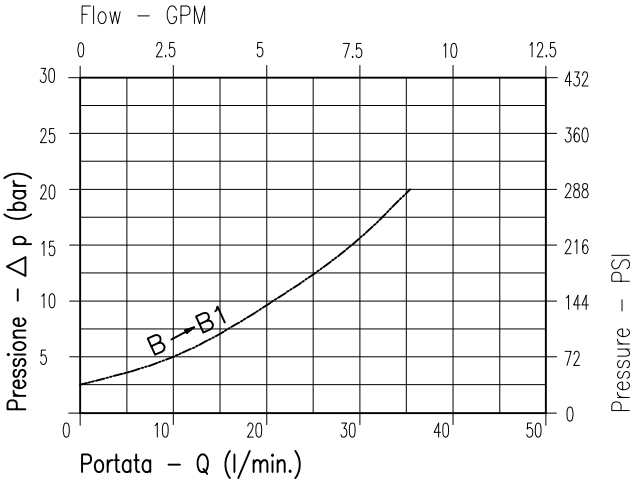


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	6
Portata max in V1,V2 *Max flow in V1,V2 port*	l/min-GPM	30 - 7.9
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato	micron	30



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE: ***NOTES:***

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO: ***EXAMPLE:***

Pressione di lavoro max / *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

MASSA: ***MASS:*** ... Kg

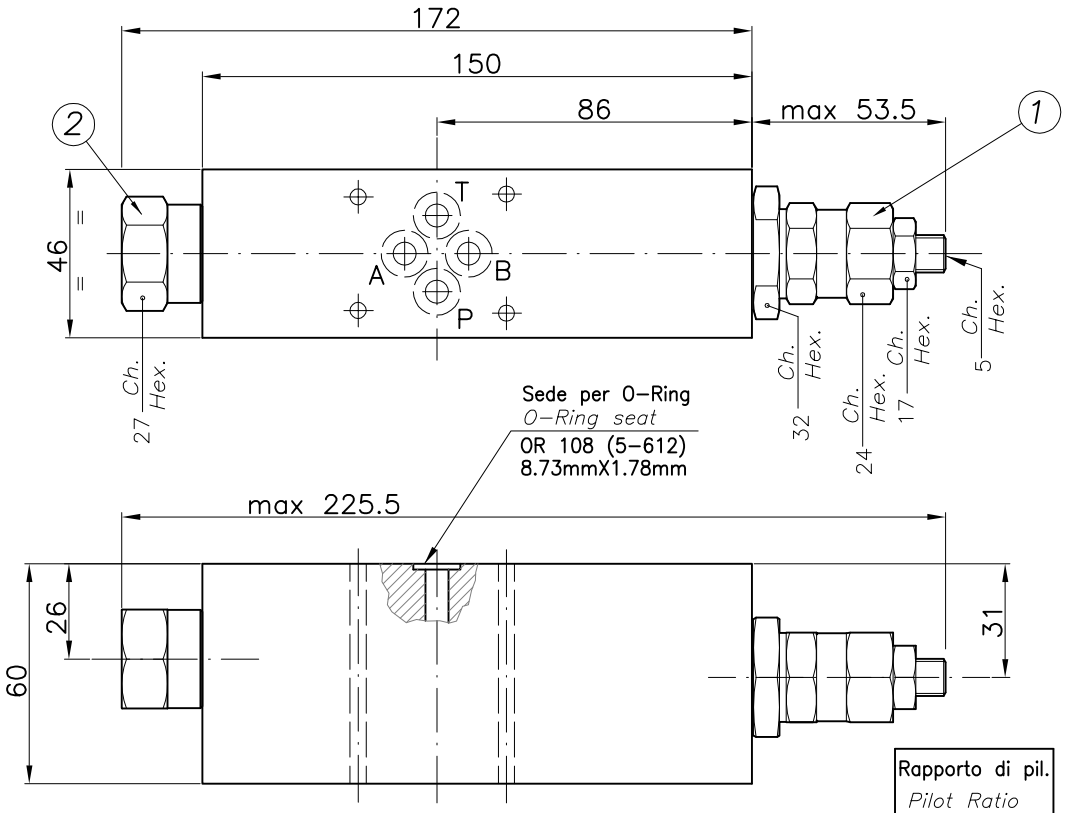
Modulo sandwich per elettrodistributori modulari ISO 3, con rigenerazione da B1 in A1 utilizzando una valvola overcenter per regolare la pressione di esclusione.
Si utilizza per rendere piu veloce lo sfilamento dello stelo di un cilindro differenziale.

Sandwich module for ISO 3 directional solenoid valves, with regenerative flow from B1 to A1, with adjustable automatic exclusion by an overcenter valve.
Used for fast extention of cylinder rod.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

VR–CRR–CTP3–...



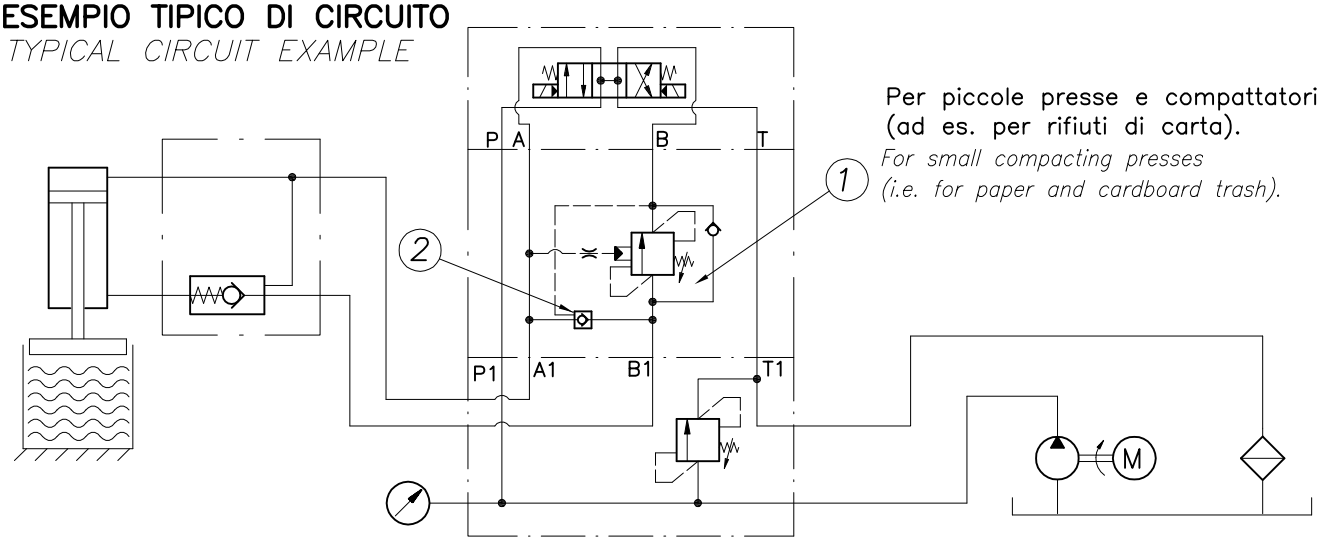
SIGLA VALVOLA VALVE CODE	Campo taratura 60 ÷ 350 bar (Colore giallo) Setting range 60 ÷ 350 bar (Colour yellow)		Attacchi filettati Threaded connections	Attacchi flangiati Flanged connections
	Taratura standard (Q=5 l/1') Std. bar setting (mode at 5 l/1') 350 bar	Incr. press. bar giro/vite Press. increase bar/turn (138)	Bocche Ports ISO 1179–1(BSPP) A1–B1 P1–T1	Bocche Ports ISO 4401 A–B P–T
VR–CRR–CTP3–...	157		G1/2	size 06 (CETOP 3)

Rapporto di pil. Pilot Ratio	Regolazione Adjustment
4.25:1 0	Grano Hex. s. screw X

0 0 6 _ _ _ 0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



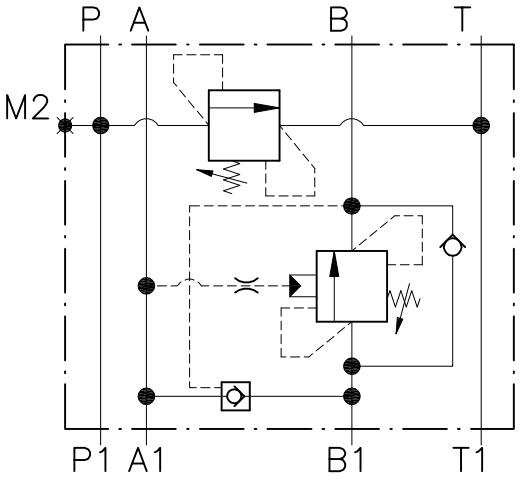
Per piccole presse e compattatori (ad es. per rifiuti di carta).
For small compacting presses (i.e. for paper and cardboard trash).

BASE MODULARE ISO 5 CON VALVOLA RIGENERATIVA, CON ESCLUSIONE AUTOMATICA A PRESSIONE REGOLABILE, CON FLUSSO DA B1 IN A1, CON VALV. MASS. PRESS. – "SERIE VR"

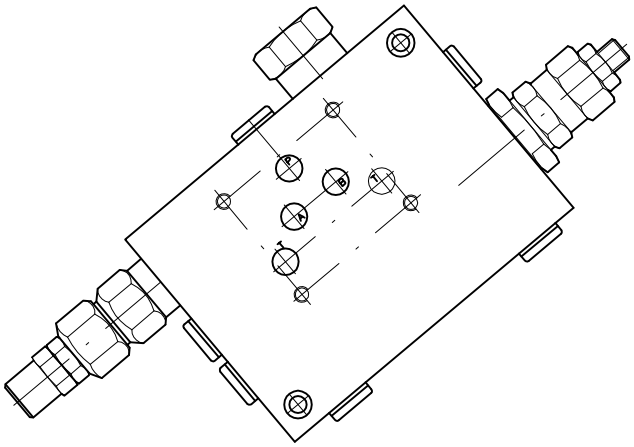
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

VR–CRR–CTP5–12–34–...

SCHEMA DI FUNZIONAMENTO

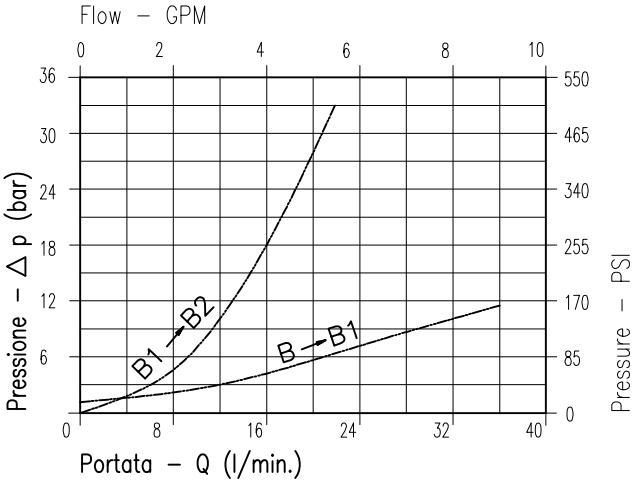


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	10
Portata max in A, B *Max flow in A, B port*	l/min–GPM	40 ÷ 10.5
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE: *NOTES:*

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO: *EXAMPLE:*

Pressione di lavoro max
Max working pressure : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

MASSA: ***MASS:*** ... Kg

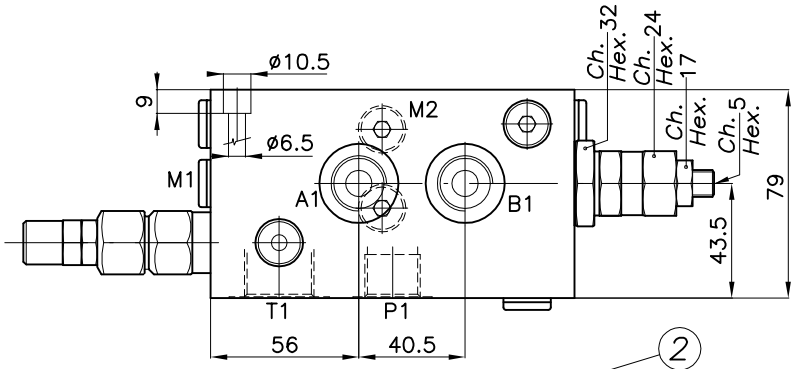
Base per elettrodistributori modulari ISO 5 con incorporata valvola di massima pressione, con rigenerazione da B1 in A1, con esclusione automatica regolabile tramite valvola overcenter. Consente lo sfilamento rapido dello stelo di un cilindro differenziale.

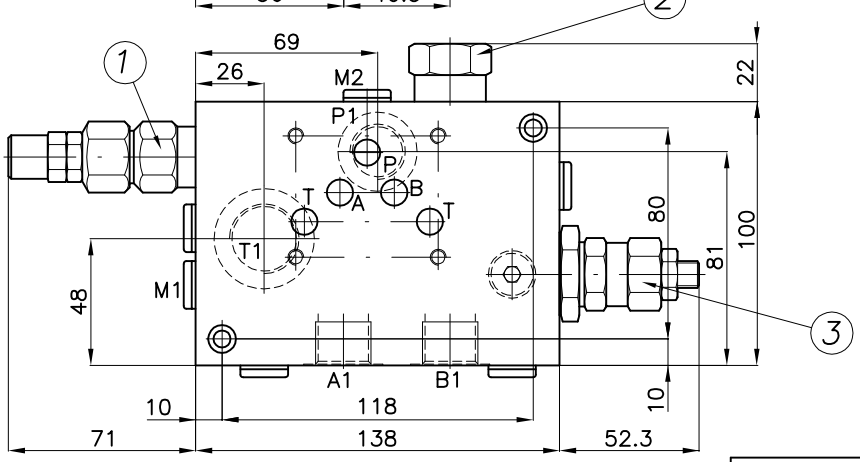
Base plate for ISO 5 directional solenoid valves, including relief valve, with regenerative flow from B1 to A1, with adjustable automatic exclusion by an overcenter valve. Used for fast extention of cylinder rod.

SOLUZIONI DI PRODUZIONE NECESSARIE
PER LA SCELTA DEL PRODOTTO
E RELATIVA DEFINIZIONE DEL
CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

VR–CRR–CTP5–12–34–...





Rapporto di pil. *Pilot Ratio*	
4.25:1	0

3 Regolazione *Adjustment*	
Grano *Hex. s. screw*	X

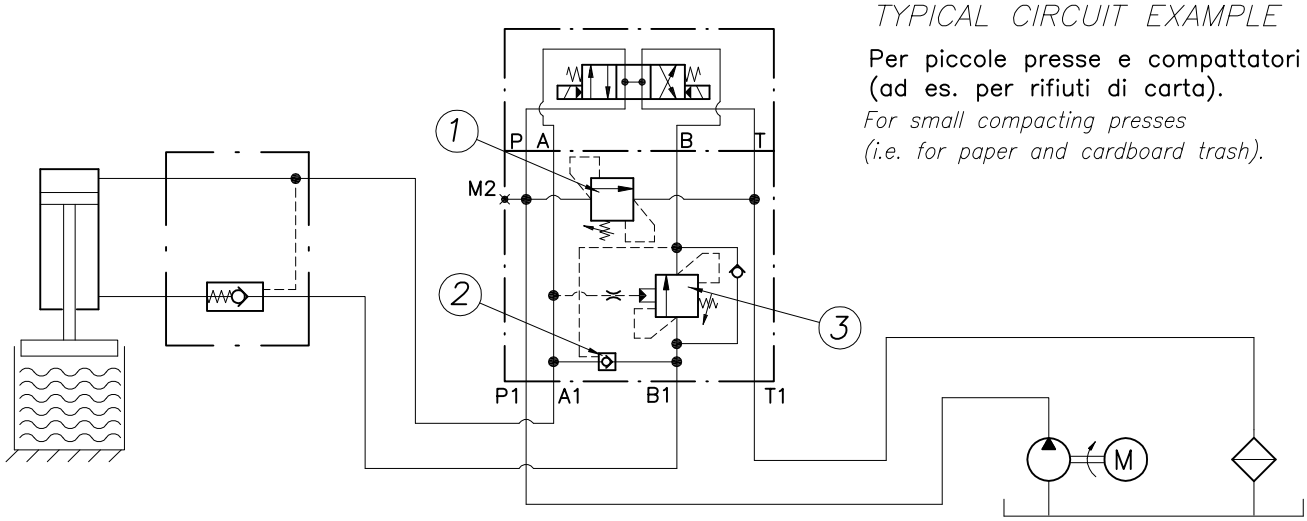
SIGLA VALVOLA *VALVE CODE*	Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi filettati *Threaded connections*			Attacchi flangiati *Flanged connections*
	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Bocche *Ports* ISO 1179–1 *(BSPP)*			Bocche *Ports* ISO 4401
	350 bar	(138)	M1–M2	A1–B1 P1	T1	A–B P–T
VR–CRR–CTP5–12–34–...	158		G1/4	G1/2	G3/4	size 10 (CETOP 5)

0	0	6				0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

Per piccole presse e compattatori (ad es. per rifiuti di carta).
For small compacting presses (i.e. for paper and cardboard trash).

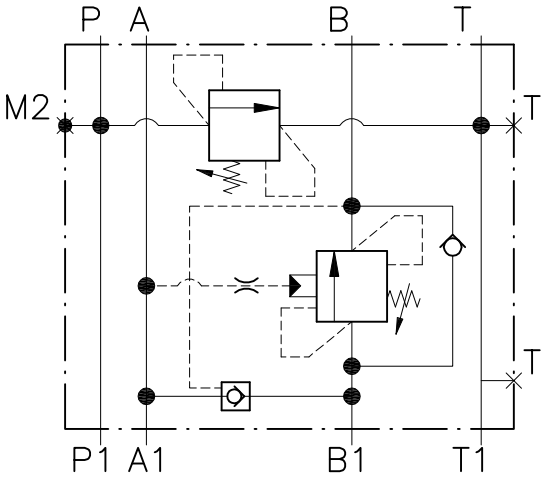


BASE MODULARE ISO 5 CON VALVOLA RIGENERATIVA, CON ESCLUSIONE AUTOMATICA A PRESSIONE REGOLABILE, CON FLUSSO DA B1 IN A1, CON VALV. MASS. PRESS. – "SERIE VR"

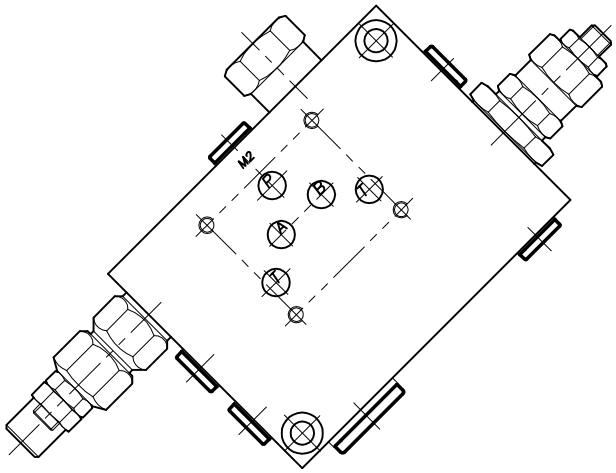
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

VR–CRR–CTP5–12–34–34–...

SCHEMA DI FUNZIONAMENTO

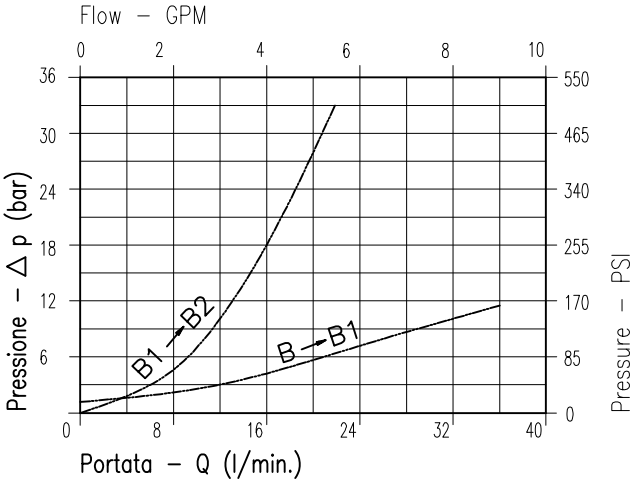


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	10
Portata max in A, B *Max flow in A, B port*	l/min–GPM	40 – 10.5
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30



Viscosita' olio 46 cSt a 50 °C
Oil viscosity 46 cSt at 50 °C

NOTE: *NOTES:*

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO: *EXAMPLE:*

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

MASSA: ***MASS:*** ... Kg

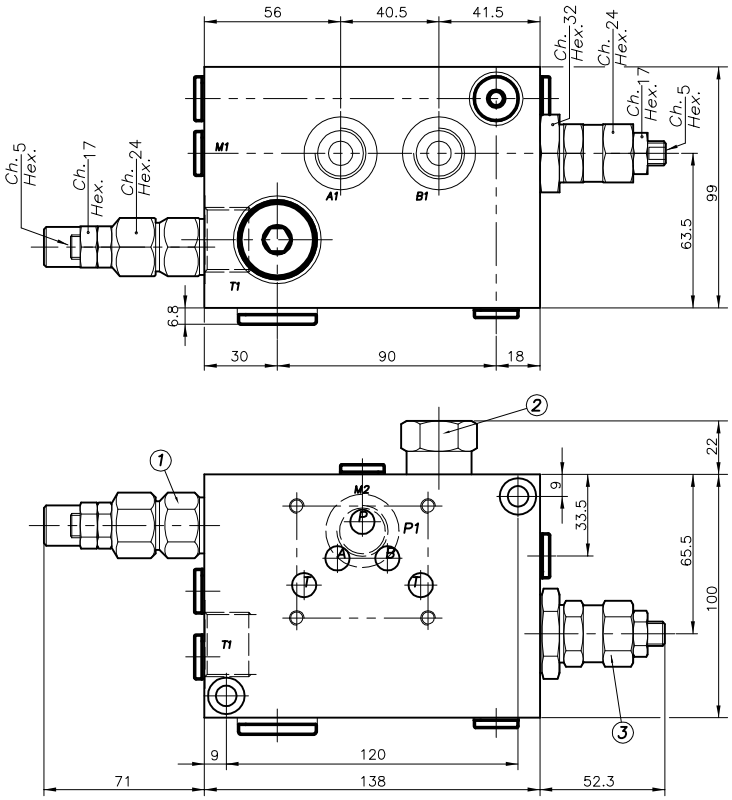
Base per elettrodistributori modulari ISO 5 con incorporata valvola di massima pressione, con rigenerazione da B1 in A1, con esclusione automatica regolabile tramite valvola overcenter. Consente lo sfilamento rapido dello stelo di un cilindro differenziale.

Base plate for ISO 5 directional solenoid valves, including relief valve, with regenerative flow from B1 to A1, with adjustable automatic exclusion by an overcenter valve. Used for fast extention of cylinder rod.

SOLUZIONI DI PRODUZIONE NECESSARIE
PER LA SCELTA DEL PRODOTTO
E RELATIVA DEFINIZIONE DEL
CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

VR–CRR–CTP5–12–34–34–...



Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi filettati *Threaded connections*			Attacchi flangiati *Flanged connections*
SIGLA VALVOLA *VALVE CODE*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Bocche *Ports* ISO 1179–1 *(BSPP)* M1–M2	A1–B1 P1	T1	Bocche *Ports* ISO 4401 A–B P–T
VR–CRR–CTP5–12–34–34–...	160		G1/4	G1/2	G3/4	size 10 (CETOP 5)

Rapporto di pil. *Pilot Ratio*	
4.25:1	0

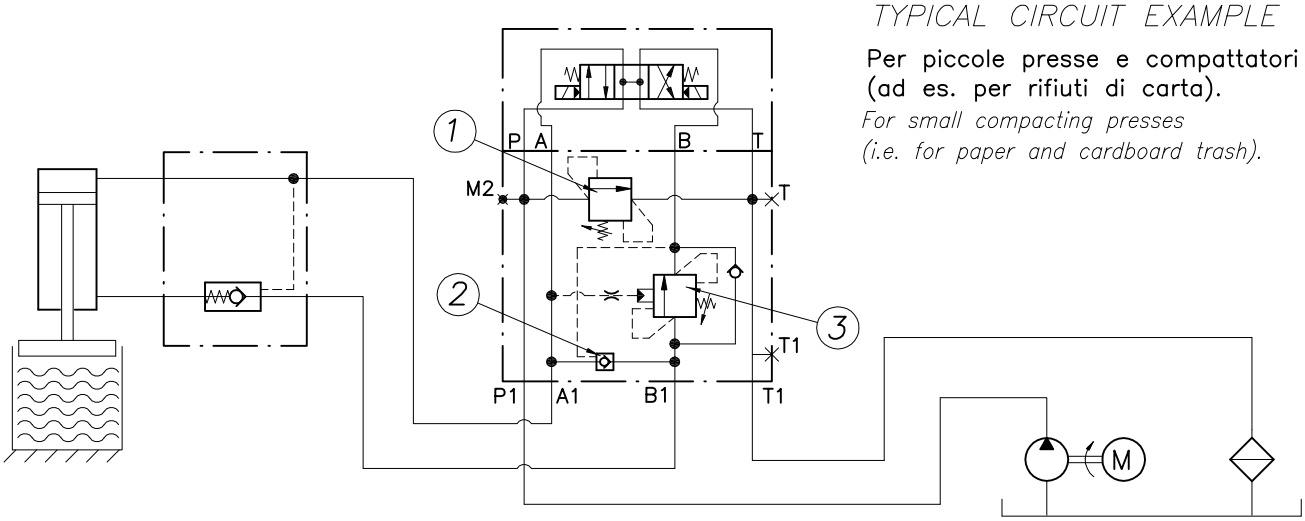
③ Regolazione *Adjustment*	
Grano *Hex. s. screw*	X

0	0	6						0

CODICE ORDINAZIONE
ORDERING CODE

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

Per piccole presse e compattatori (ad es. per rifiuti di carta).
For small compacting presses (i.e. for paper and cardboard trash).

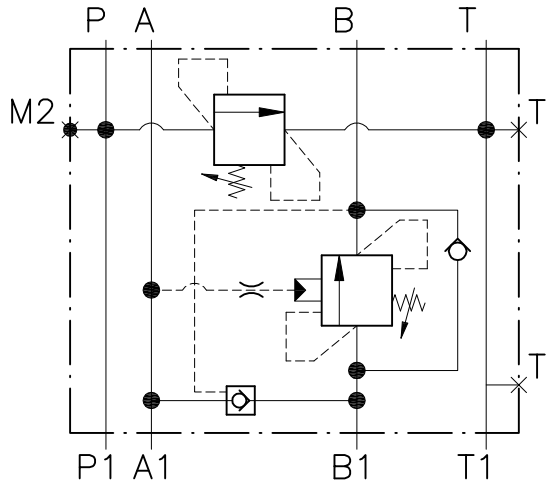


BASE MODULARE ISO 3 CON VALVOLA RIGENERATIVA, CON ESCLUSIONE AUTOMATICA A PRESSIONE REGOLABILE, CON FLUSSO DA B1 IN A1, CON VALV. MASS. PRESS. – "SERIE VR"

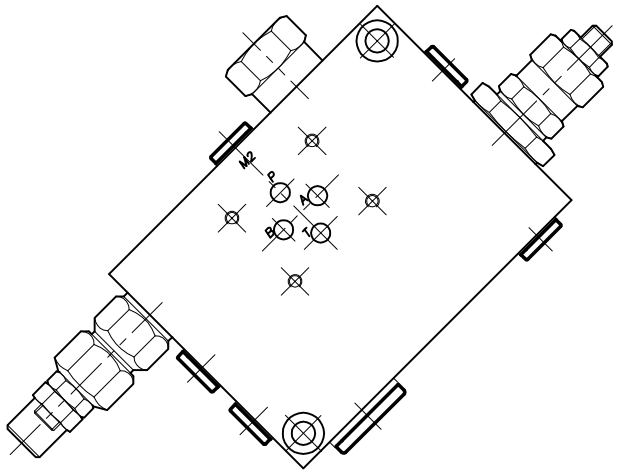
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

VR–CRR–CTP3–12–34–38–...

SCHEMA DI FUNZIONAMENTO

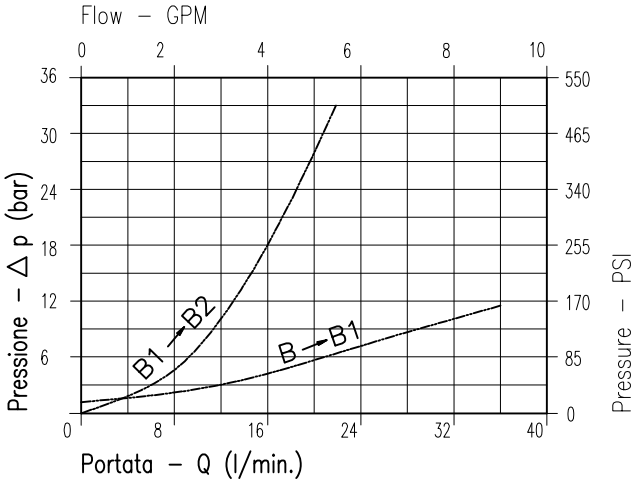


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale *Rated size*	DN	6
Portata max in A, B *Max flow in A, B port*	l/min÷GPM	40 ÷ 10.5
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30



Viscosita' olio 46 cSt a 50 °C
Oil viscosity 46 cSt at 50 °C

NOTE: ***NOTES:***

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO: ***EXAMPLE:***

Pressione di lavoro max
Max working pressure : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

MASSA: ***MASS:*** ... Kg

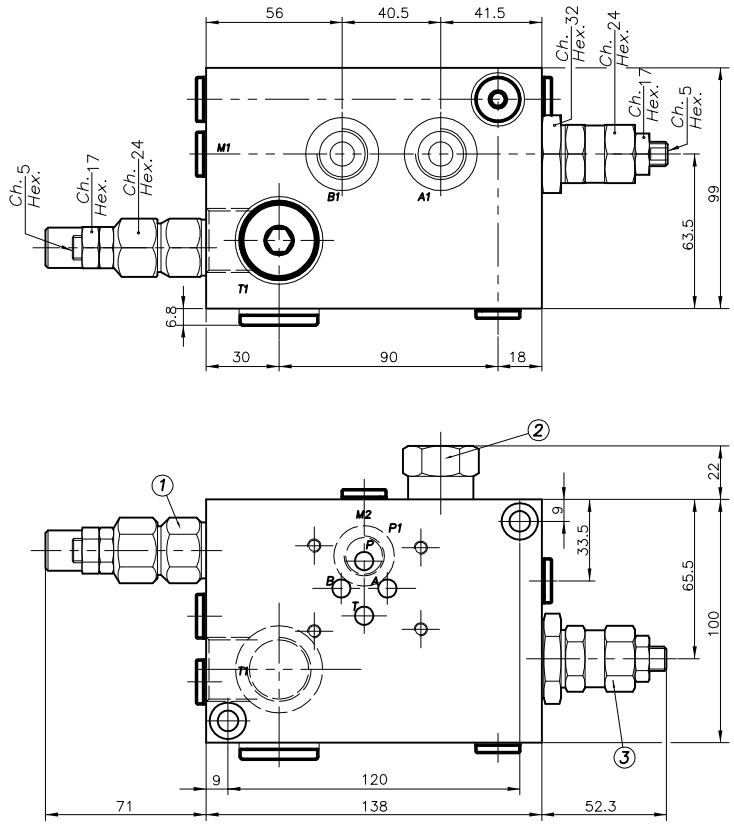
Base per elettrodistributori modulari ISO 3 con incorporata valvola di massima pressione, con rigenerazione da B1 in A1, con esclusione automatica regolabile tramite valvola overcenter. Consente lo sfilamento rapido dello stelo di un cilindro differenziale.

Base plate for ISO 5 directional solenoid valves, including relief valve, with regenerative flow from B1 to A1, with adjustable automatic exclusion by an overcenter valve. Used for fast extention of cylinder rod.

SOLUZIONI DI PRODUZIONE NECESSARIE
PER LA SCELTA DEL PRODOTTO
E RELATIVA DEFINIZIONE DEL
CODICE D'ORDINAZIONE

LUEN s.r.l.
HYDRAULIC VALVES AND INTEGRATED COMPONENTS
ITALY

VR–CRR–CTP3–12–34–38–...



Rapporto di pil. *Pilot Ratio*		③ Regolazione *Adjustment*	
4.25:1	0	Grano *Hex. s. screw*	X

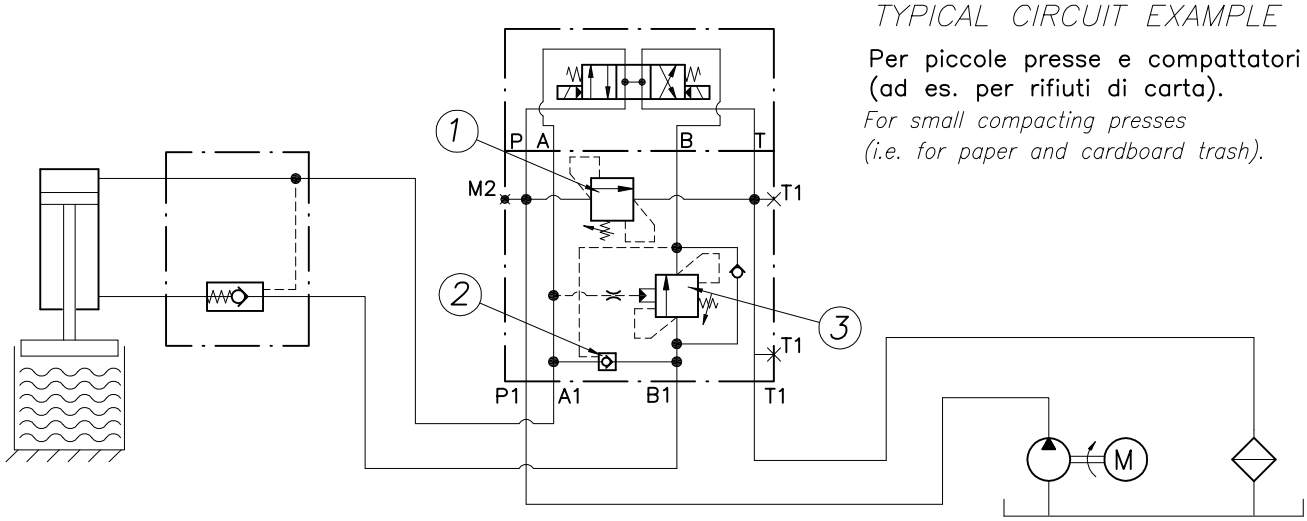
0	0	6				0

CODICE ORDINAZIONE
ORDERING CODE

SIGLA VALVOLA *VALVE CODE*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')*	Incr. press. bar giro/vite *Press. increase bar/turn*	Bocche *Ports* ISO 1179-1 *(BSPP)*	Bocche *Ports* ISO 4401	Bocche *Ports* ISO 1179-1 *(BSPP)*	Bocche *Ports* ISO 1179-1 *(BSPP)*
	350 bar	(138)	A1–B1	A–B T–P	P1	T1
VR–CRR–CTP3–12–34–38–...	161		G1/2	size 03 (CETOP 3)	G3/8	G3/4
	Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*		Attacchi filettati *Threaded connections*	Attacchi flangiati *Flanged connections*	Attacchi filettati *Threaded connections*	Attacchi filettati *Threaded connections*

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

Per piccole presse e compattatori (ad es. per rifiuti di carta).
For small compacting presses (i.e. for paper and cardboard trash).

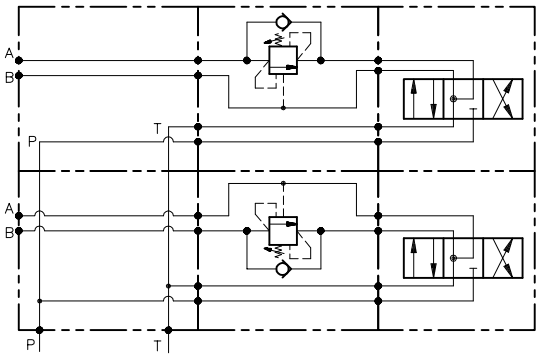


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, FLANGIATA CETOP 03

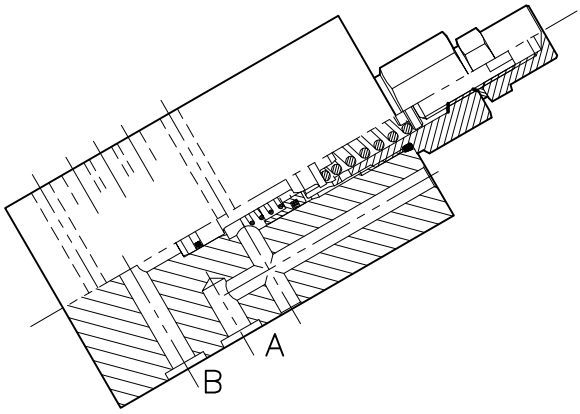
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–SE–L6–...

SCHEMA DI FUNZIONAMENTO

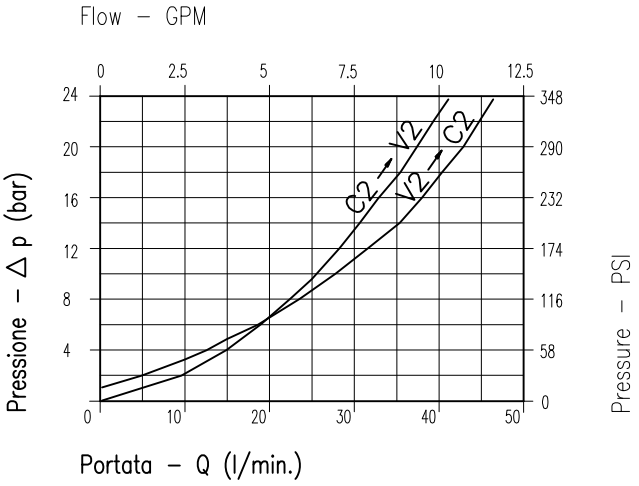


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	6 / 7
Portata min/max *Min/max flow–rate*	l/min–GPM	1/50 – 0.26/12.5
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	110 ÷ 115
Peso *Weight*	Kg	.



Viscosità olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

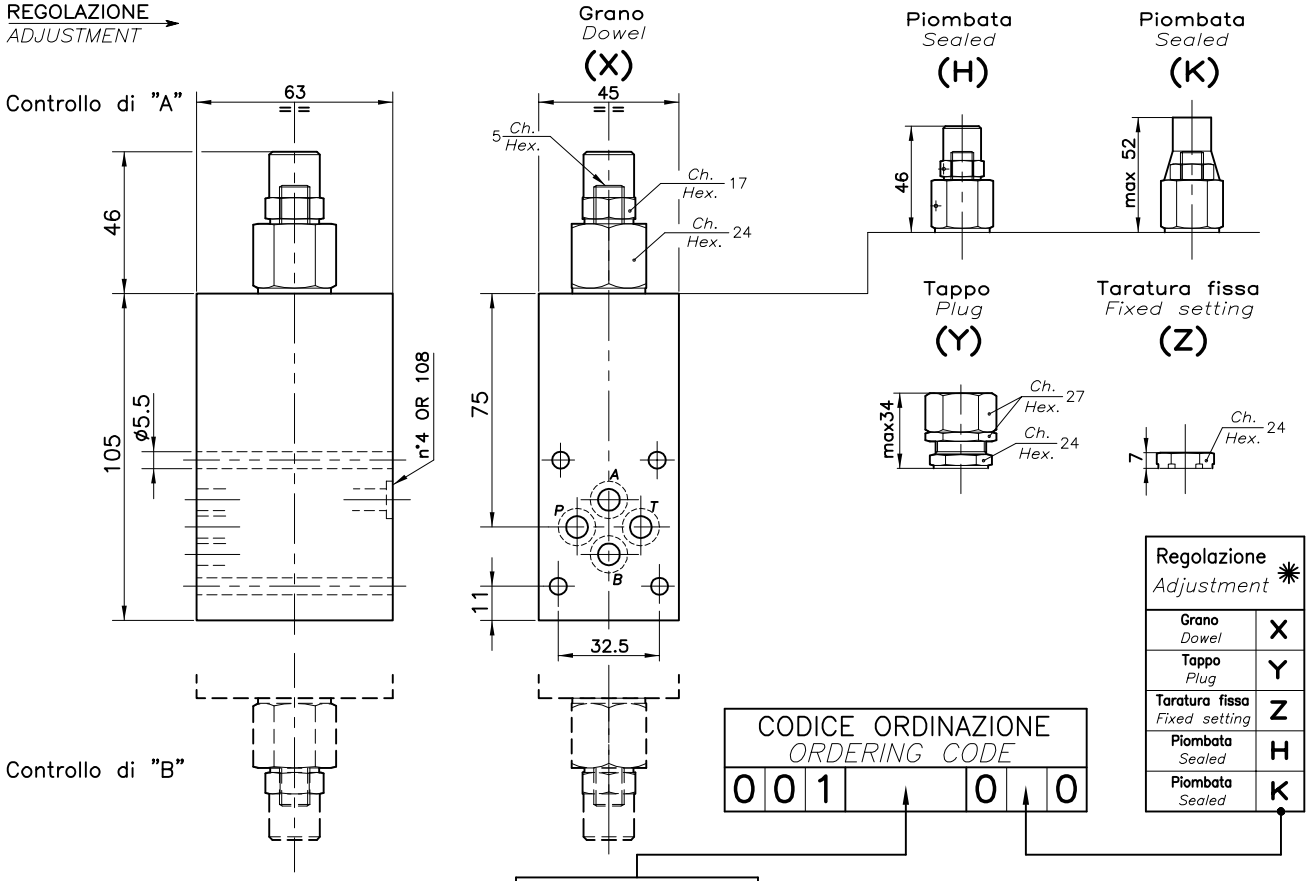
Aluminium body valves as standard, steel body on request.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC–SE–L6–...

REGOLAZIONE / *ADJUSTMENT*



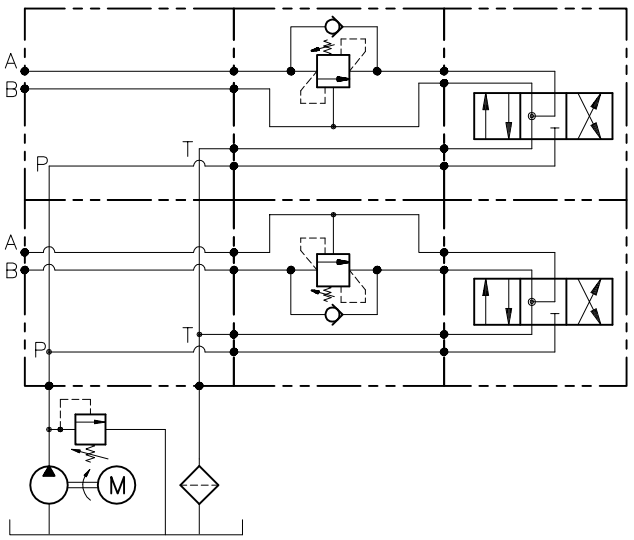
Regolazione ✱ *Adjustment*	
Grano *Dowel*	X
Tappo *Plug*	Y
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

CODICE ORDINAZIONE / *ORDERING CODE*

0	0	1			0	0

SIGLA VALVOLA *VALVE CODE*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Rapporto di Pilotaggio *Pilot ratio*	Tipo flangia *Flange type*	Portata max *Max flow-rate* l/min– *GPM*
OWC–SE–L6–A– ✱	229		228		4.25:1	CETOP 03	50–*12.5*
OWC–SE–L6–B– ✱	231		230		4.25:1	CETOP 03	50–*12.5*
	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*				

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

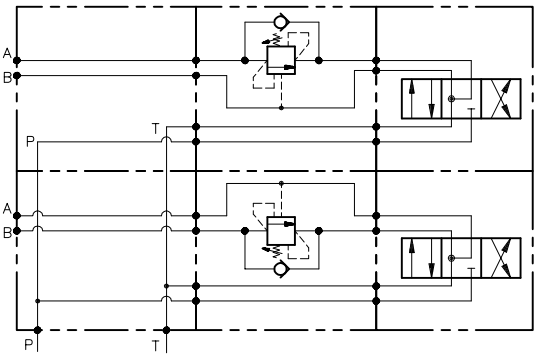


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO, FLANGIATA CETOP 05

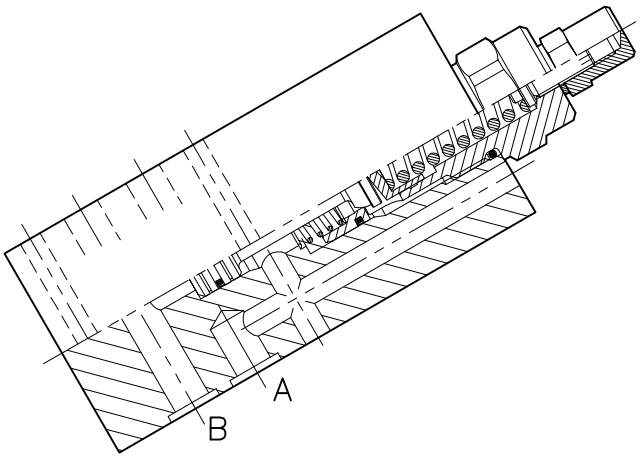
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–SE–L10–...

SCHEMA DI FUNZIONAMENTO

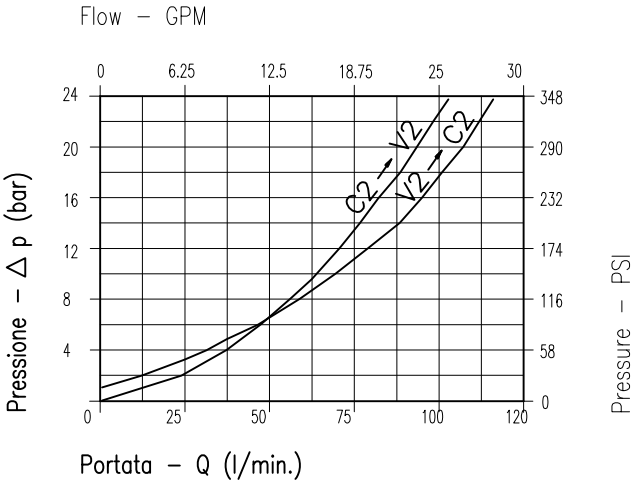


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	10 / 11
Portata min/max *Min/max flow-rate*	l/min-GPM	1/90 – 0.26/24
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		6.2 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	110 ÷ 115
Peso *Weight*	Kg	.



Viscosità olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

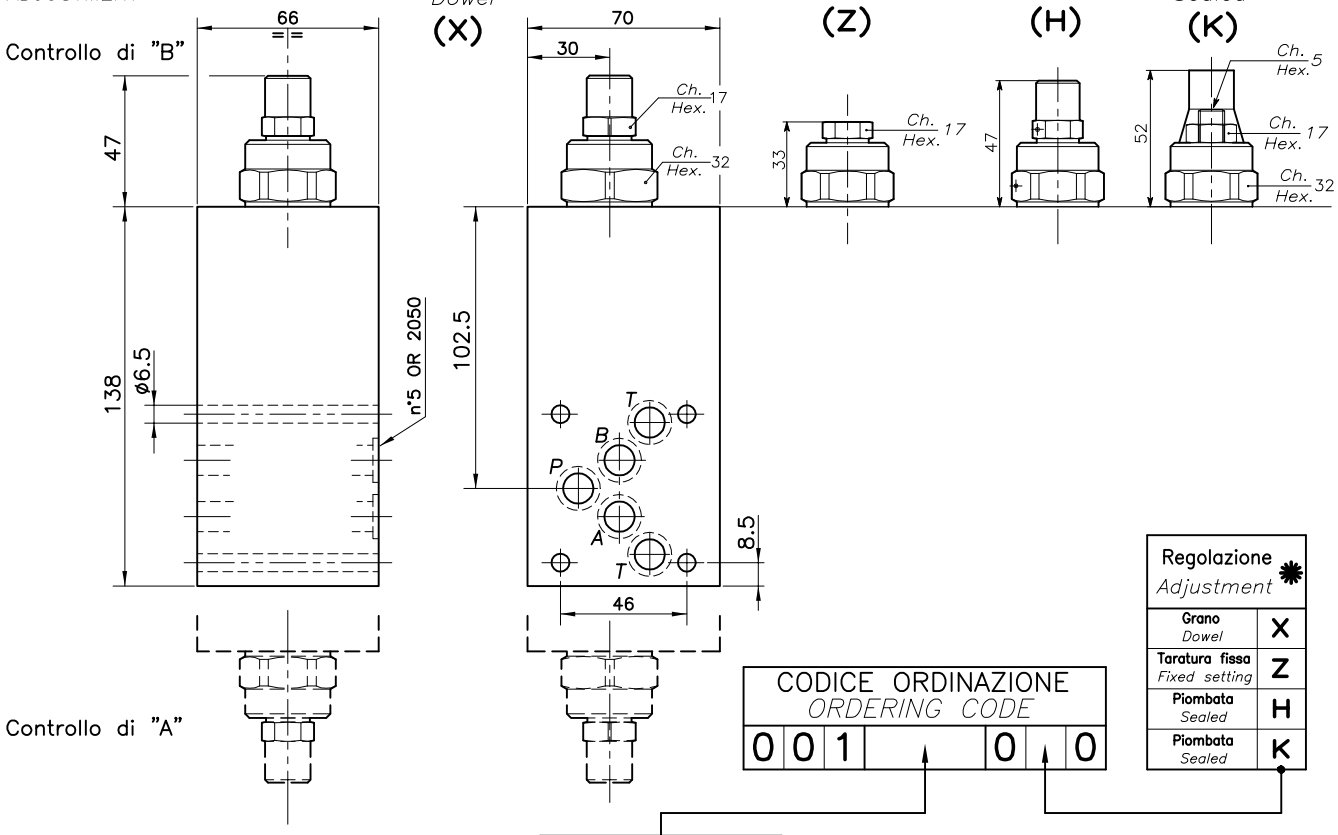
Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

Aluminium body valves as standard, steel body on request.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC–SE–L10–...



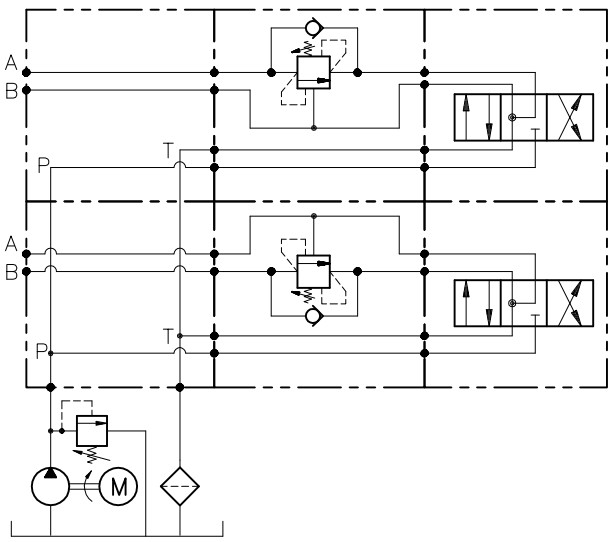
Regolazione * Adjustment	
Grano Dowel	X
Taratura fissa Fixed setting	Z
Piombata Sealed	H
Piombata Sealed	K

CODICE ORDINAZIONE
ORDERING CODE

0	0	1			0	0

SIGLA VALVOLA *VALVE CODE*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Rapporto di Pilotaggio *Pilot ratio*	Tipo flangia *Flange type*	Portata max *Max flow-rate* l/min– *GPM*
OWC–SE–L10–A–*	...		483		6.2:1	CETOP 05	90–*24*
OWC–SE–L10–B–*	...		484		6.2:1	CETOP 05	90–*24*
	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*				

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

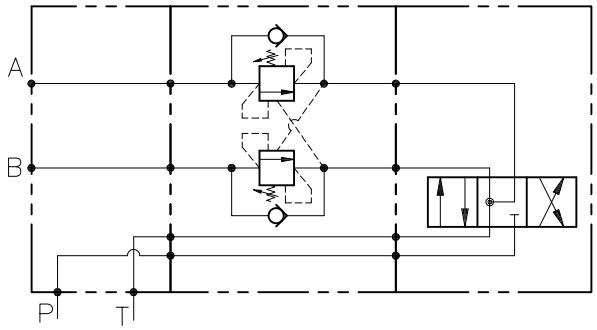


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, FLANGIATA CETOP 03

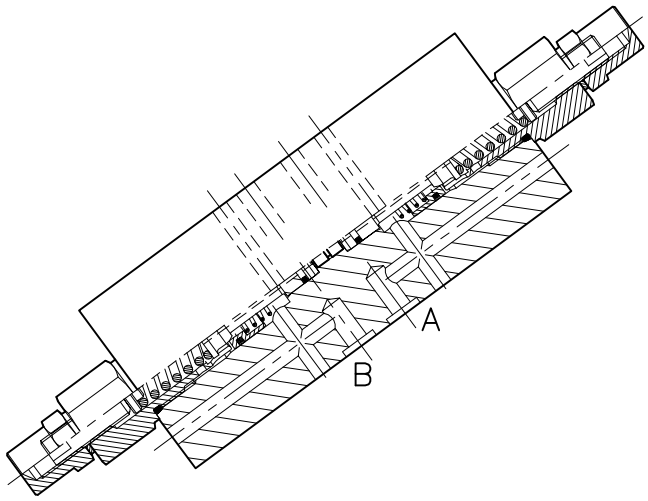
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–DE–L6–...

SCHEMA DI FUNZIONAMENTO

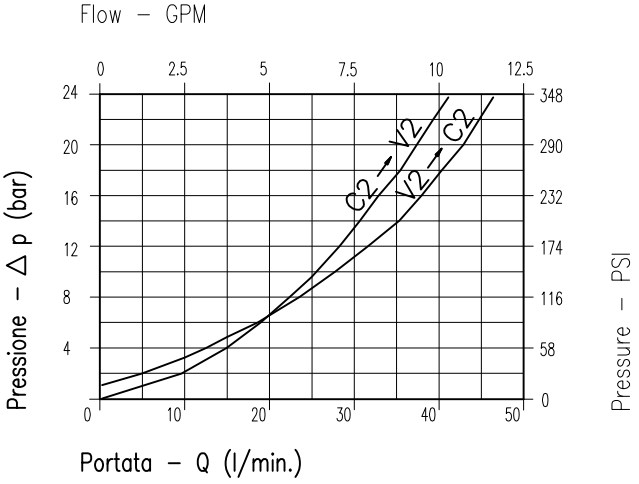


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	6 / 7
Portata min/max *Min/max flow–rate*	l/min–GPM	1/50 – 0.26/12.5
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		4.25 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	110 ÷ 115
Peso *Weight*	Kg	.



Viscosità olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

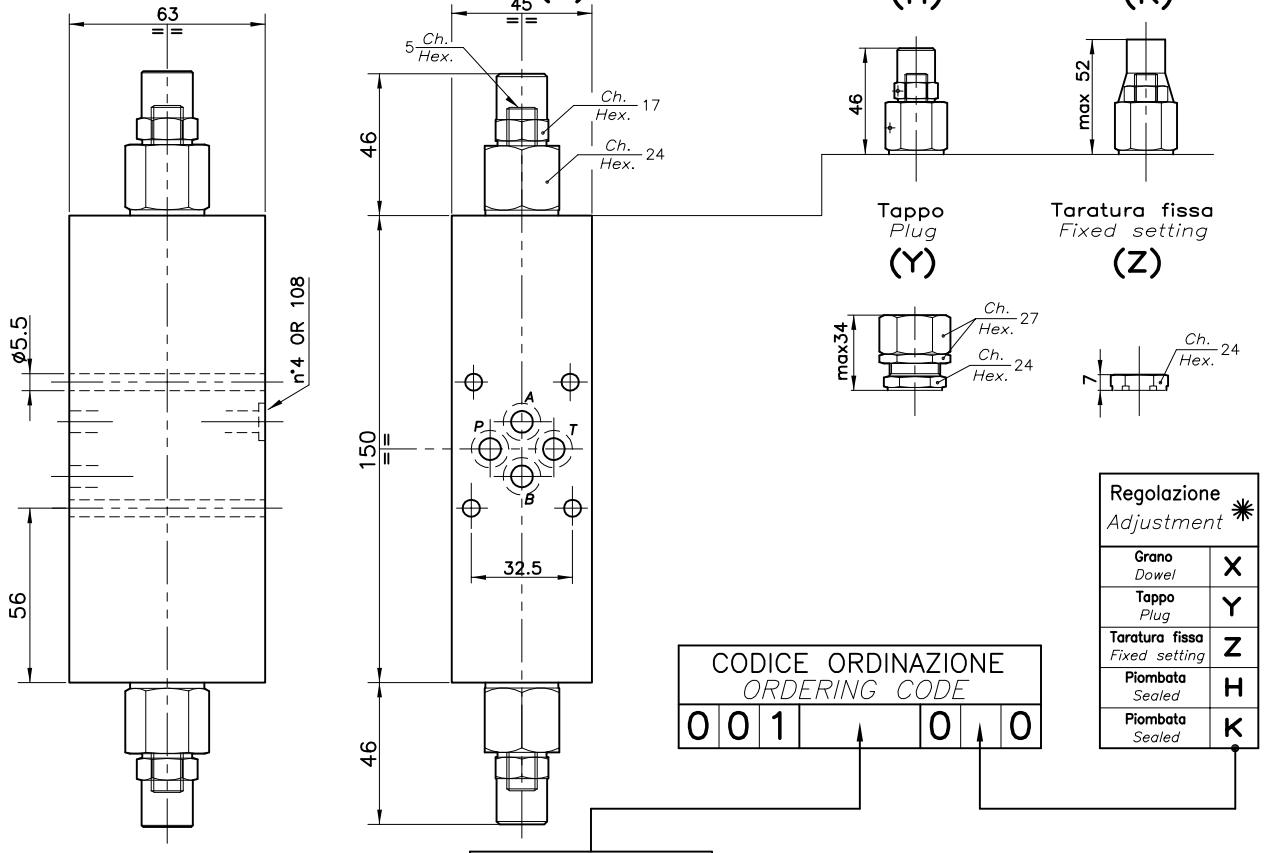
Aluminium body valves as standard, steel body on request.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC–DE–L6–...

REGOLAZIONE / *ADJUSTMENT*



Grano *Dowel* (X)

Piombata *Sealed* (H)

Piombata *Sealed* (K)

Tappo *Plug* (Y)

Taratura fissa *Fixed setting* (Z)

Regolazione *Adjustment* ✱	
Grano *Dowel*	X
Tappo *Plug*	Y
Taratura fissa *Fixed setting*	Z
Piombata *Sealed*	H
Piombata *Sealed*	K

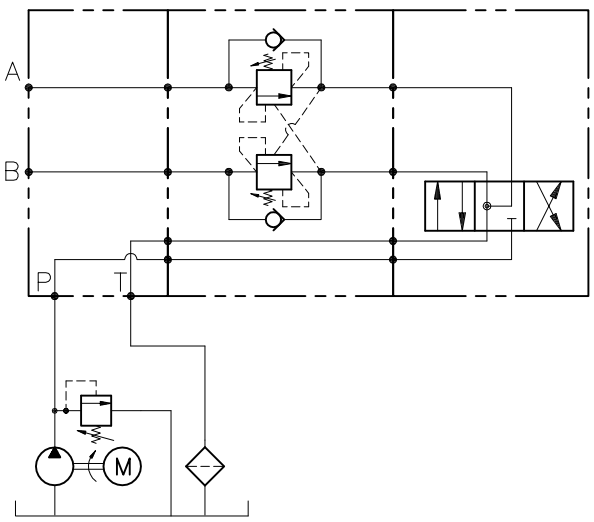
CODICE ORDINAZIONE / *ORDERING CODE*

0	0	1			0	0

SIGLA VALVOLA *VALVE CODE*	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 220 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (56)	Taratura standard (Q=5 l/1') *Std. bar setting (mode at 5 l/1')* 350 bar	Incr. press. bar giro/vite *Press. increase bar/turn* (138)	Rapporto di Pilotaggio *Pilot ratio*	Tipo flangia *Flange type*	Portata max *Max flow-rate* l/min– *GPM*
OWC–DE–L6–✱	227		226		4.25:1	CETOP 03	50–*12.5*
	Campo taratura 30 ÷ 220 bar (Colore verde) *Setting range 30 ÷ 220 bar (Colour green)*		Campo taratura 60 ÷ 350 bar (Colore giallo) *Setting range 60 ÷ 350 bar (Colour yellow)*				

ESEMPIO TIPICO DI CIRCUITO

TYPICAL CIRCUIT EXAMPLE

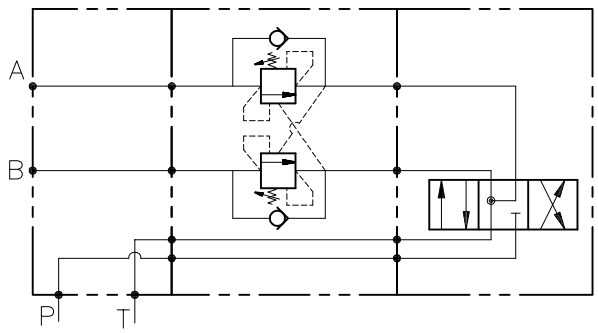


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO, FLANGIATA CETOP 05

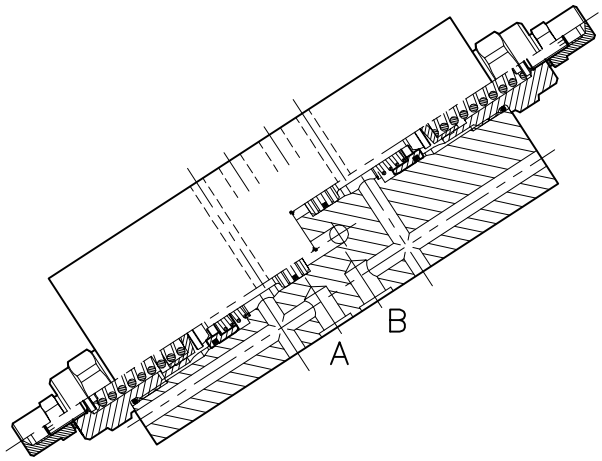
LUEN HYDRAULIC VALVES AND INTEGRATED COMPONENTS s.r.l. ITALY

OWC–DE–L10–...

SCHEMA DI FUNZIONAMENTO

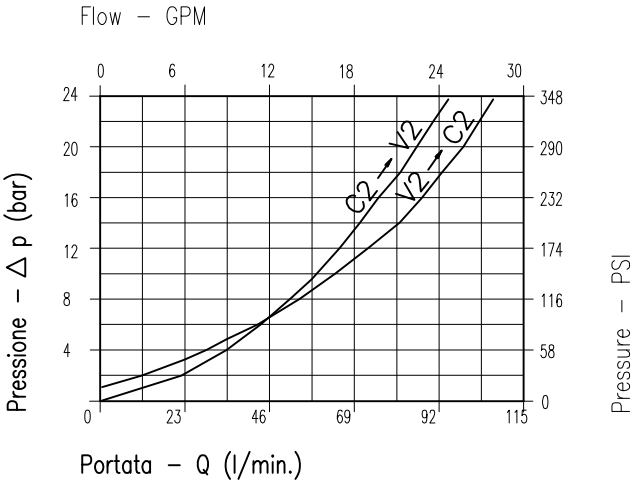


CRITERI PROGETTUALI



CARATTERISTICHE – *PERFORMANCES*

Luce nominale min/max *Min/max Rated size*	DN	10 / 11
Portata min/max *Min/max flow–rate*	l/min–GPM	1/90 – 0.26/24
Pressione di lavoro max *Max working pressure*		350 bar 5075 PSI
Pressione max di taratura *Max setting pressure*		350 bar 5075 PSI
Rapporto di pilotaggio *Pilot ratio*		6.2 : 1
Temperatura ambiente *Room temperature*	°C	–30 +50
Temperatura olio *Oil temperature*	°C	–30 +80
Filtraggio consigliato *Filtration*	micron	30
Coppia di serraggio *Tightening torque*	Nm	110 ÷ 115
Peso *Weight*	Kg	.



Viscosita' olio 46 cSt a 50° C
Oil viscosity 46 cSt at 50° C

NOTE:

La taratura deve essere 1,3 volte maggiore della pressione indotta dal carico.

Valve should be set at 1.3 times load induced pressure.

ESEMPIO:

Pressione di lavoro max *Max working pressure* : $\frac{350 \text{ bar}}{1.3} = 270 \text{ bar}$

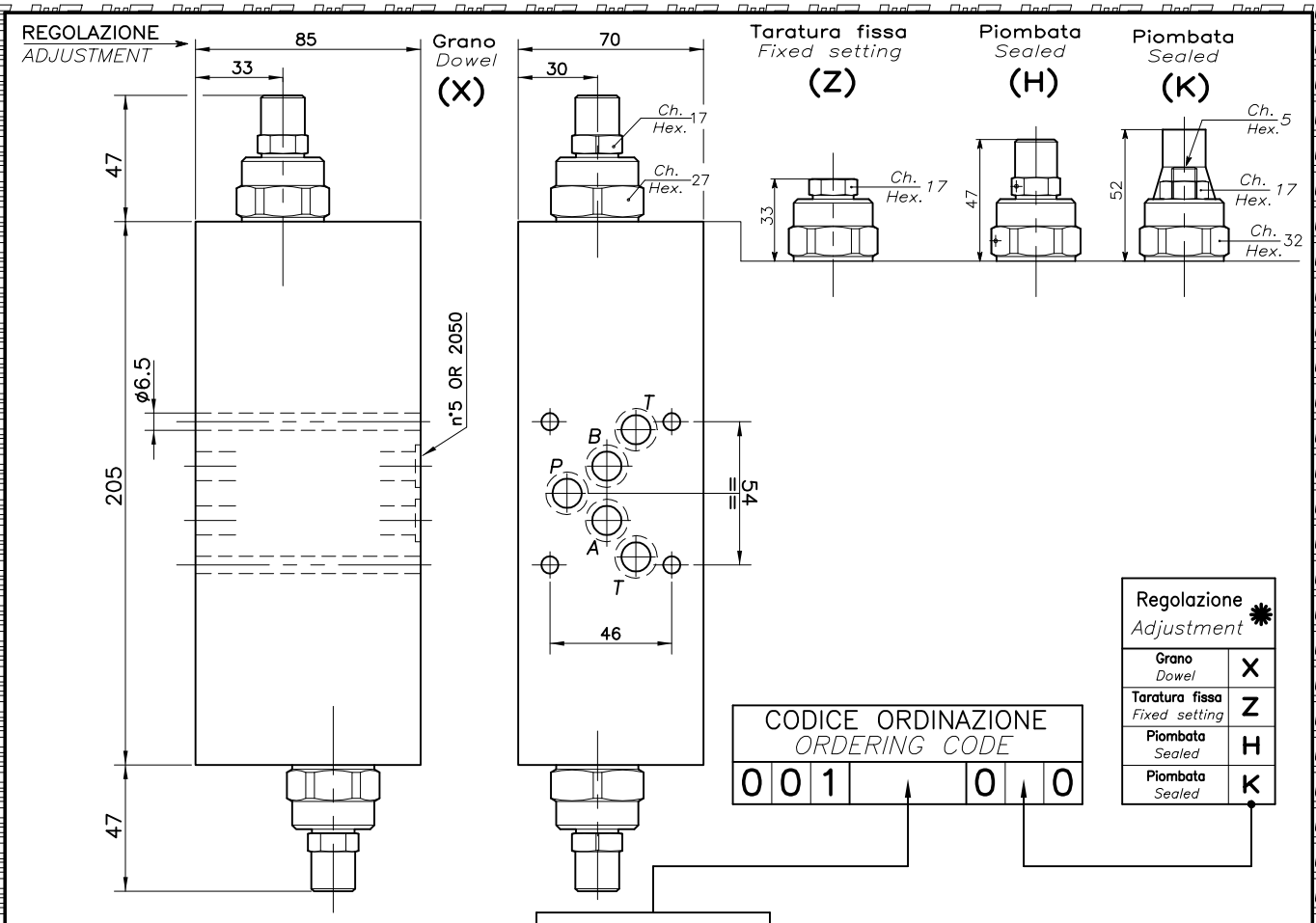
Fornitura standard valvola: corpo in alluminio. A richiesta corpo in acciaio.

Aluminium body valves as standard, steel body on request.

SOLUZIONI DI PRODUZIONE NECESSARIE PER LA SCELTA DEL PRODOTTO E RELATIVA DEFINIZIONE DEL CODICE D'ORDINAZIONE

LUEN s.r.l. — HYDRAULIC VALVES AND INTEGRATED COMPONENTS — ITALY

OWC–DE–L10–...


REGOLAZIONE
ADJUSTMENT
85
33
47
205
47
ø6.5
n°5 OR 2050
Grano
Dowel
(X)
70
30
Ch. Hex. 17
Ch. Hex. 27
T
B
P
A
T
54
46
Taratura fissa
Fixed setting
(Z)
Ch. Hex. 17
33
Piombata
Sealed
(H)
47
Piombata
Sealed
(K)
Ch. Hex. 5
Ch. Hex. 17
Ch. Hex. 32
52

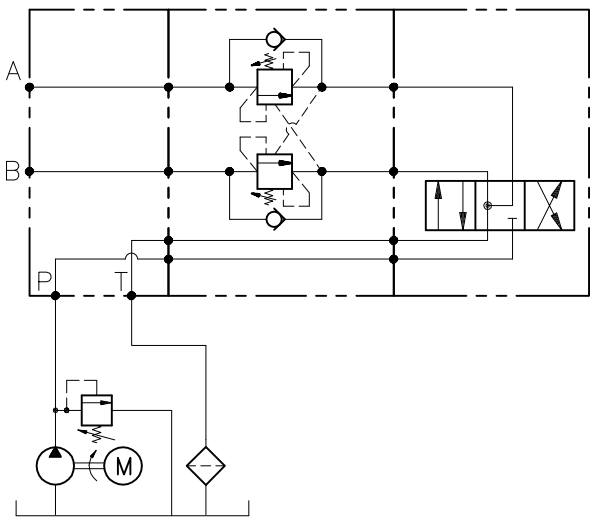
Regolazione ✱ Adjustment	
Grano Dowel	X
Taratura fissa Fixed setting	Z
Piombata Sealed	H
Piombata Sealed	K

CODICE ORDINAZIONE
ORDERING CODE

0	0	1			0	0

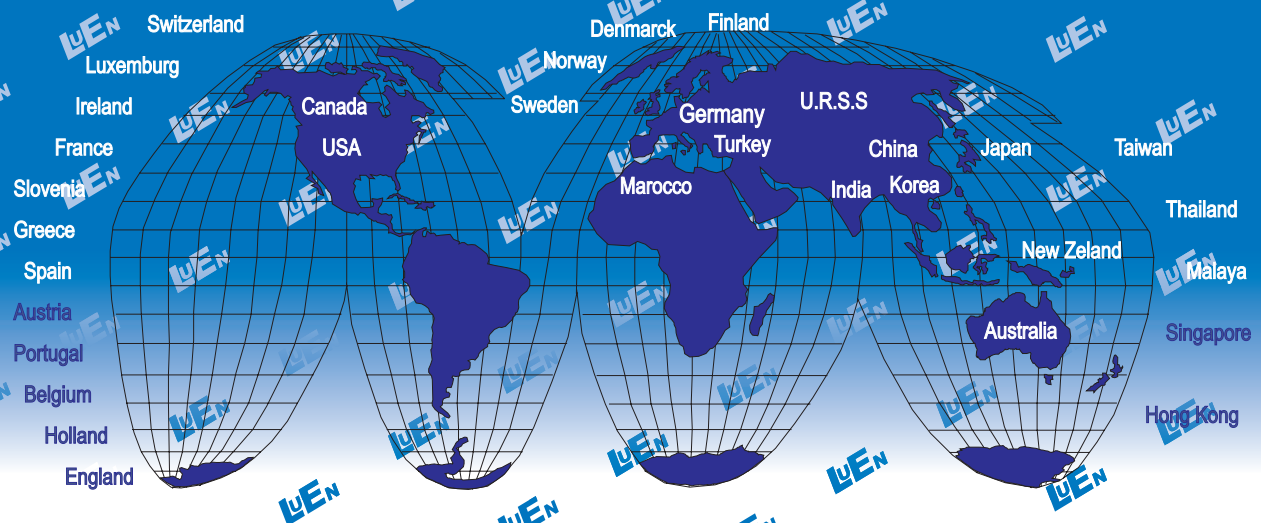
SIGLA VALVOLA VALVE CODE	Taratura standard (Q=5 l/1') Std. bar setting (mode at 5 l/1') 220 bar	Incr. press. bar giro/vite Press. increase bar/turn (56)	Taratura standard (Q=5 l/1') Std. bar setting (mode at 5 l/1') 350 bar	Incr. press. bar giro/vite Press. increase bar/turn (138)	Rapporto di Pilotaggio Pilot ratio	Tipo flangia Flange type	Portata max Max flow-rate l/min– GPM
OWC–DE–L10–✱	...		292		6.2:1	CETOP 05	90– 24
	Campo taratura 30 ÷ 220 bar (Colore verde) Setting range 30 ÷ 220 bar (Colour green)		Campo taratura 60 ÷ 350 bar (Colore giallo) Setting range 60 ÷ 350 bar (Colour yellow)				

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

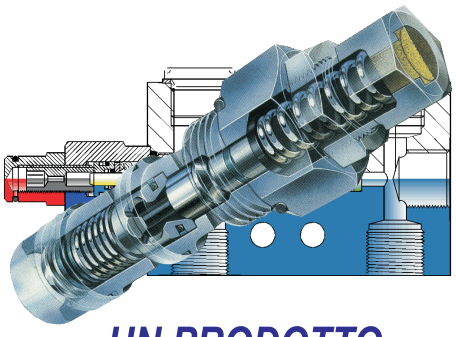


Costruzione valvole oleoidrauliche e gruppi integrati dal 1979

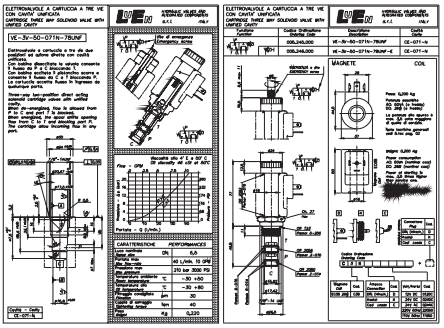
La presenza del mondo di LuEn è il risultato di un impegno costante in 25 anni di attività al servizio della clientela



UNA FAMIGLIA....



UN PRODOTTO....



UN SERVIZIO TECNICO

LuEn S.R.L. HYDRAULIC VALVES AND INTEGRATED COMPONENTS

DEALER

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