

DR ARE PILOT OPERATED PRESSURE REDUCING VALVES, WHICH CAN BE USED TO REDUCE AND MAINTAIN PRESSURE IN A CERTAIN CIRCUIT.

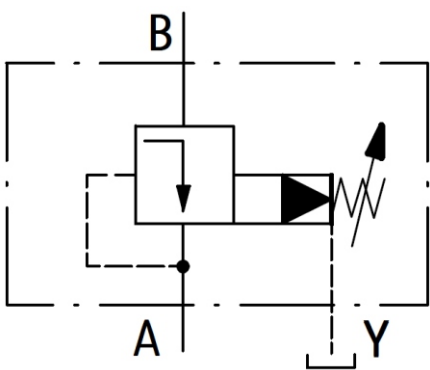
THIS SERIES HAVE MORE SMOOTHLY ADJUSTABLE PERFORMANCE, IT NOT ONLY REACHES THE OUTPUT PRESSURE AT LOW LEVEL UNDER HIGH FLOW RATE, BUT ALSO WITH THE CHARACTERISTICS OF HIGH FLOW AND WIDELY PRESSURE ADJUSTABLE RANGES.



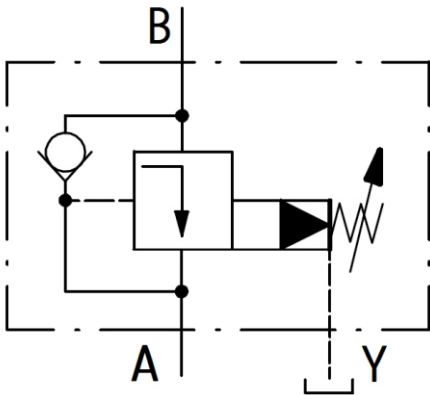
TECHNICAL DATA

| SIZE                     | 10                          |     | 20  |     | 30  |     |
|--------------------------|-----------------------------|-----|-----|-----|-----|-----|
| SERIES                   | 30                          | 50  | 30  | 50  | 30  | 50  |
| MAX. FLOW RATE (L/MIN)   | 80                          | 150 | 200 | 300 | 300 | 400 |
| OPERATING PRESSURE (MPa) | 31.5                        |     |     |     |     |     |
| FLUID TEMPERATURE (°C)   | -20 – 70                    |     |     |     |     |     |
| FILTRATION ACCURACY (µm) | 25                          |     |     |     |     |     |
| VALVE BODY (MATERIAL)    | CASTING PHOSPHATING SURFACE |     |     |     |     |     |

SCHEMES



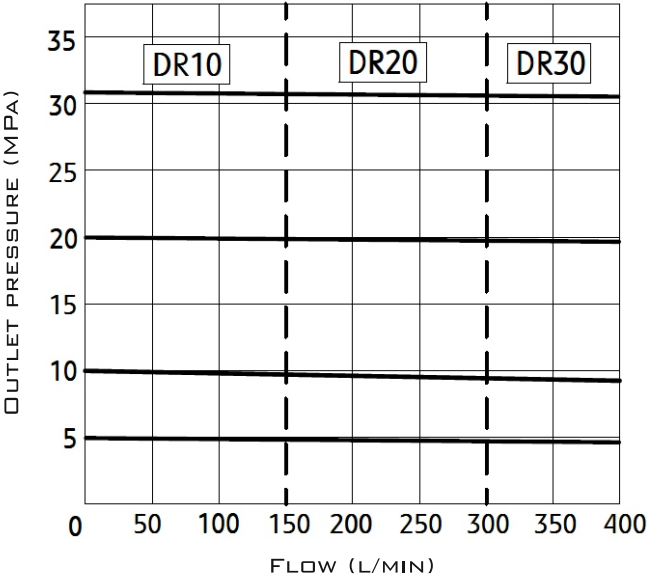
DR...M



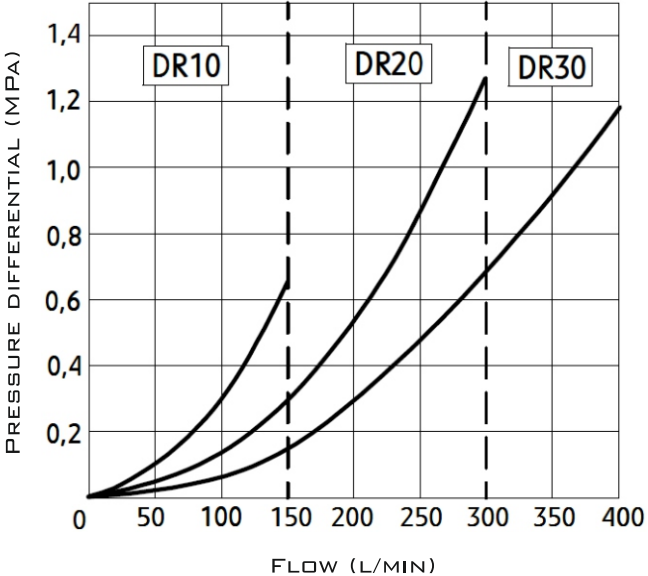
DR

CHARACTERISTIC CURVES

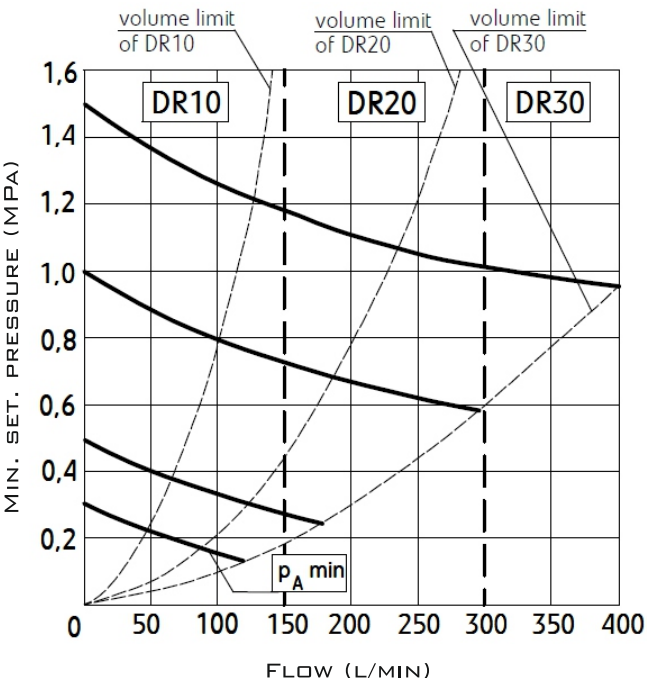
OUTLET PRESSURE



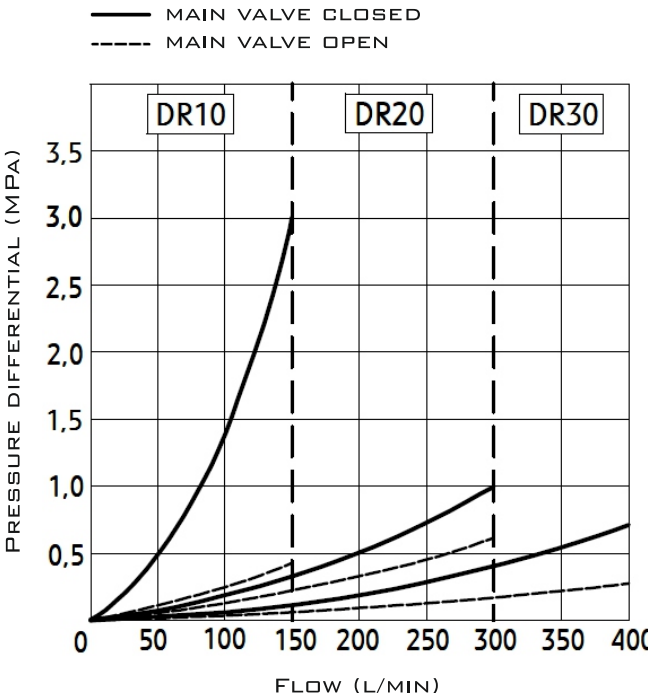
MINIMUM SETTABLE PRESSURE DIFFERENTIAL



MINIMUM SETTABLE PRESSURE AT MINIMAL REDUCED OUTLET PRESSURE



PRESSURE RESISTANCE ACROSS THE CHECK VALVE





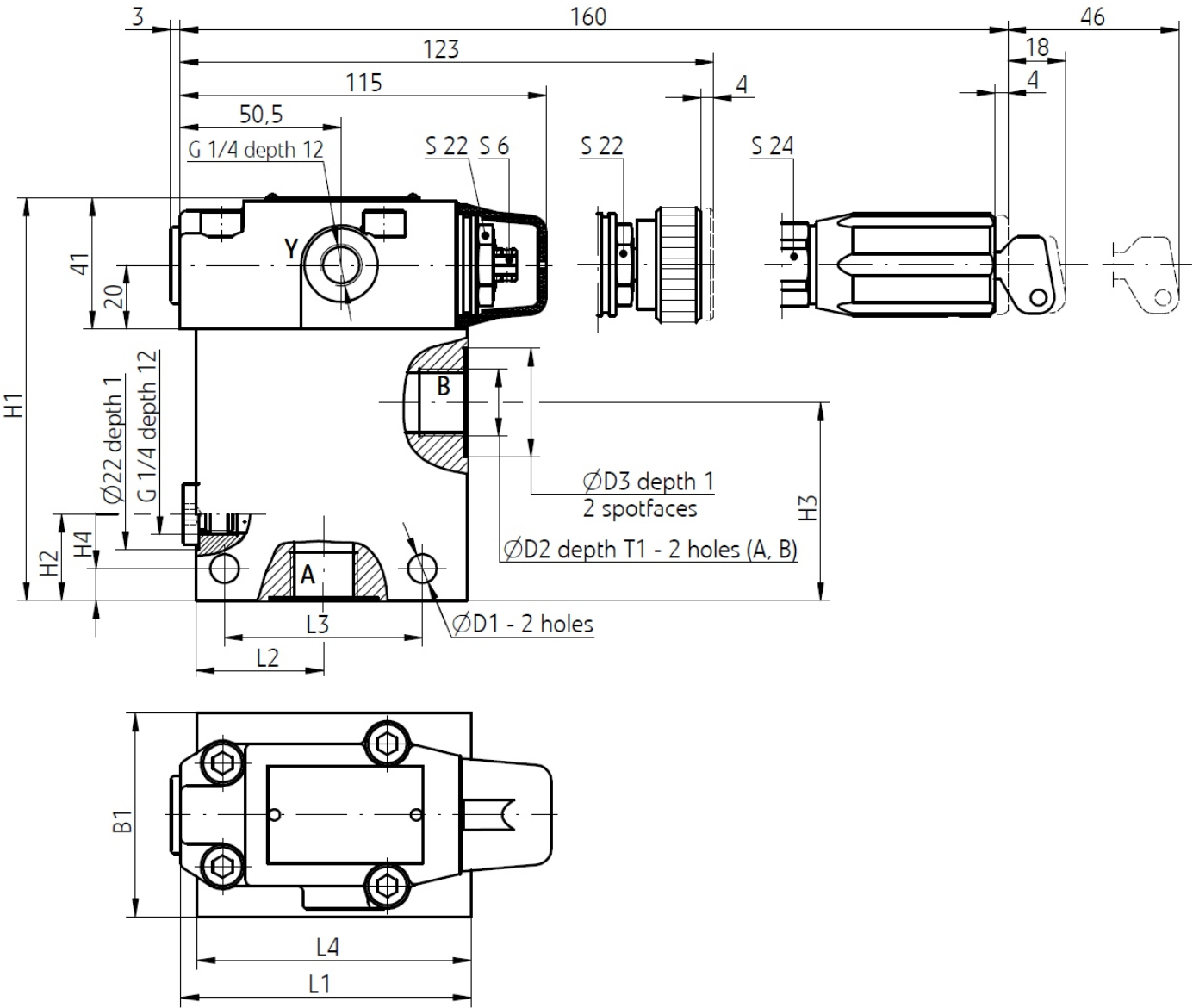
THREAD INSTALLATION DIMENSIONS

DR10..., DR20..., DR30...

...5

...4

...6



| MODEL | B1 | $\varnothing D1$ | $\varnothing D2$ | $\varnothing D3$ | T1 | H1  | H2 | H3 | H4 | L1 | L2 | L3 | L4  |
|-------|----|------------------|------------------|------------------|----|-----|----|----|----|----|----|----|-----|
| DR10  | 63 | 9                | G 1/2"           | 34               | 14 | 126 | 27 | 47 | 10 | 90 | 40 | 62 | 85  |
| DR20  | 63 | 9                | G 1"             | 47               | 18 | 126 | 27 | 47 | 10 | 90 | 40 | 62 | 85  |
| DR30  | 70 | 11               | G 1 1/2"         | 61               | 22 | 139 | 42 | 51 | 13 | 99 | 46 | 72 | 100 |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                      |  |  |  |    |  |  |  |  |  |    |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------|--|--|--|----|--|--|--|--|--|----|--|--|--|
| DR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | VALVOLE DI PRESSIONE |  |  |  |    |  |  |  |  |  |    |  |  |  |
| PILOT OPERATED PRESSURE REDUCING VALVES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                      |  |  |  |    |  |  |  |  |  |    |  |  |  |
| ORDER CODE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                      |  |  |  |    |  |  |  |  |  |    |  |  |  |
| <table><tr><td>DR</td><td></td><td></td><td></td><td></td><td></td><td>50</td><td></td><td></td><td></td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                      |  |  |  | DR |  |  |  |  |  | 50 |  |  |  |
| DR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                      |  |  |  | 50 |  |  |  |  |  |    |  |  |  |
| <div><div><div><div>No CODE=PILOT OPERATED VALVE</div><div>C=PILOT OPERATED WITHOUT MAIN CARTRIDGE (NOT MARKED SIZE)</div><div>C=PILOT OPERATED WITH MAIN CARTRIDGE (MARKED SIZE)</div></div><div><div>10=10 SIZE</div><div>20=20 SIZE</div><div>30=30 SIZE</div></div><div><div>No CODE=SUBPLATE MOUNTING</div><div>G=THREAD CONNECTION</div></div><div><div>4=HANDLE</div><div>5=ADJUSTING BOLT WITH PROTECT COVER</div><div>6=LOCKING WITH HANDLE</div><div>7=HANDLE WITH SCALE</div></div></div><div><div><div>No CODE=NBR SEALS</div><div>V=FKM SEALS</div></div><div><div>PILOT OPERATED DRAINAGE PORT THREAD:</div><div>No CODE=G 1/4</div><div>2=M 14x1.5</div></div><div><div>No CODE=CHECK VALVE</div><div>M=WITHOUT CHECK VALVE</div></div><div><div>50=MAX. PRESSURE 5 MPA</div><div>100=MAX. PRESSURE 10 MPA</div><div>200=MAX. PRESSURE 20 MPA</div><div>315=MAX. PRESSURE 31.5 MPA</div></div><div><div>30=30 SERIES</div><div>50=50 SERIES</div></div></div></div> |  |                      |  |  |  |    |  |  |  |  |  |    |  |  |  |