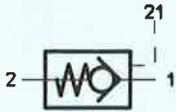


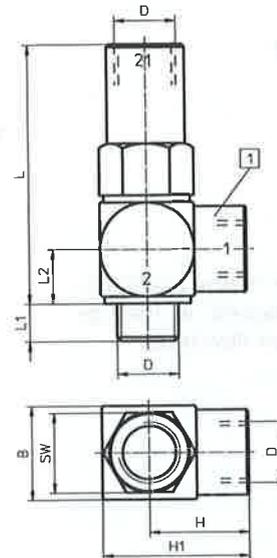
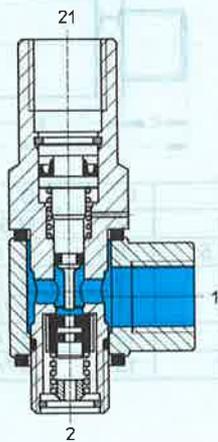
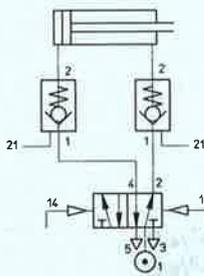
Non-return valve
piloted, with swivelling connection
Type HGL-...



Usually with non-return valves, flow in one direction is completely blocked. With this type, the blocked port can be opened with a pilot signal.

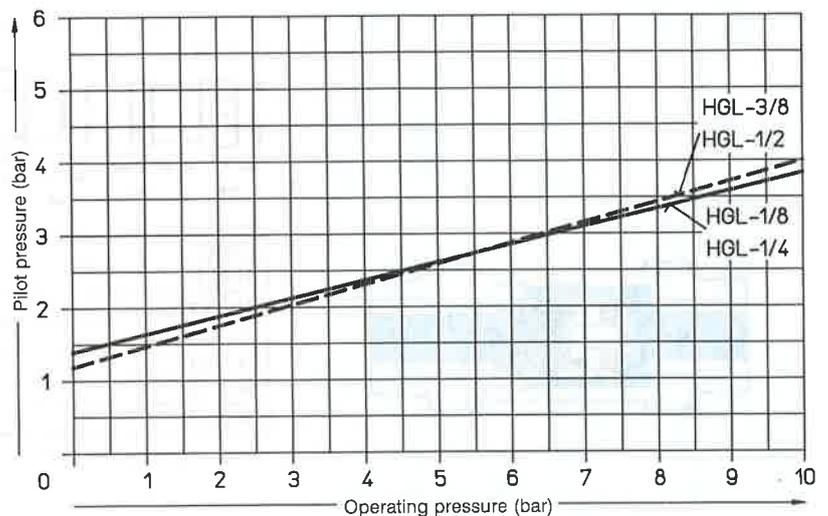
Using non-return valves, cylinder exhausts can be blocked and cylinder movement stopped.

Example of a circuit:



Type	B	D	H	H ₁	L	L ₁	L ₂	⊕
HGL-1/8	16	G 1/8	15.5	23.5	46	5.5	9	14
HGL-1/4	20	G 1/4	21	31	55	8	11.5	17
HGL-3/8	25	G 3/8	24	36.5	59.5	9.5	14	22
HGL-1/2	30	G 1/2	29	44	78.5	12	16.7	27

Minimum response pressure dependent on operating pressure



Order code	Part No./Type	12938 HGL-1/8	12939 HGL-1/4	12940 HGL-3/8	12941 HGL-1/2
Medium		Compressed air, filtered, (lubricated or unlubricated)			
Design		Non-return valve			
Mounting		Line fitting (screw-in thread)			
Connection		G 1/8	G 1/4	G 3/8	G 1/2
Nominal size		3.5 mm	4.2 mm	6.7 mm	8.6 mm
Standard nominal flow rate (1 → 2)		260 L/min	540 L/min	900 L/min	1540 L/min
Response time at 6 bar		On: 5 ms, off: 9 ms	on: 7 ms, off: 13 ms	on: 8 ms, off: 14 ms	on: 8 ms, off: 17 ms
Operating pressure range		0.4 to 10 bar	0.3 to 10 bar	0.2 to 10 bar	0.2 to 10 bar
Temperature range		- 20 to +80 °C			
Materials		Housing: brass; seals: perbunan			
Weights		0.024 kg	0.043 kg	0.078 kg	0.148 kg