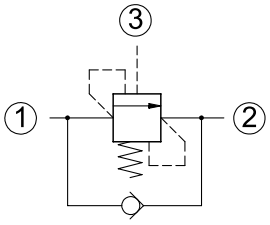
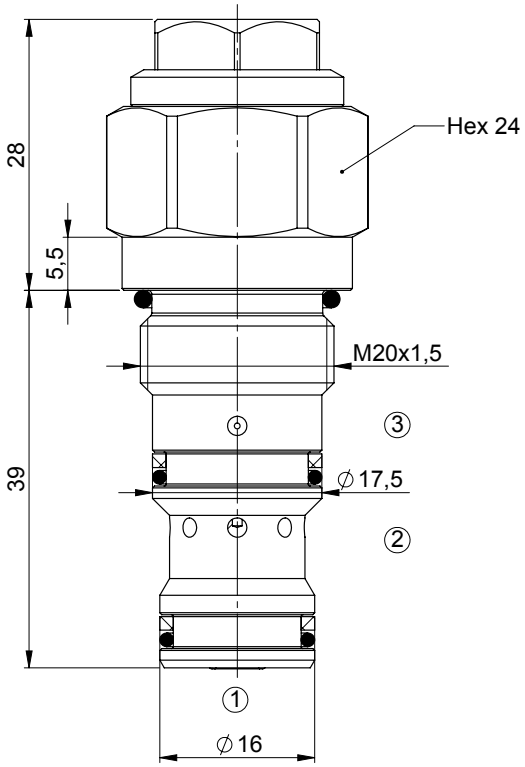
Load holding valves

Normale I08 4:1 SP fixed setting

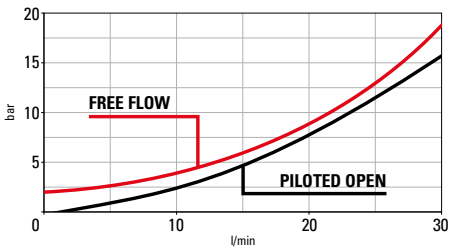




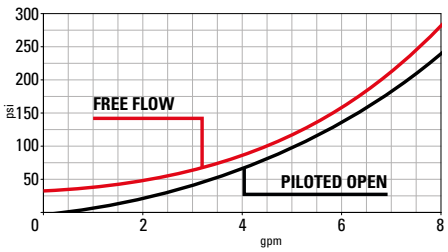
Technical Details

cavity	IH A6610
capacity	30 lpm (8 gpm)
max operating pressure	350 bar (5000 psi)
pilot ratio	4:1
maximum setting	350 bar (5000 psi)
minimum setting	100 bar (1450 psi)
pressure setting established @	cracking pressure (1in3/min)
maximum valve leakage at reseat	5 drops / minute
operating characteristic	standard
reseat	>85%
maximum recommended load pressure at maximum setting	280 bar (4000 psi)
valve hex size	24
valve installation torque	34-41 Nm (25-30 lbf ft)
valve weight	0.150 Kg (0.33 lbs)
external component surface treatment	zinc plating + sealing
seal kit (nbr)	S0A6610SN700000
seal kit (viton)	S0A6610SV700000
temperature range	.-30 to 100°C (-22 to 212°F) with BunaN seals;
fluids	Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm^2/s (cSt)
filtration	Nominal value max. 10µm (NAS 8) / ISO 4406 19/17/50

- Backpressure at port 2 adds to the effective relief setting at a ratio of 1 plus the pilot ratio times the backpressure
- Set your counterbalance valve at least 1.3 times the maximum load induced pressure
- This valve is provided with positive seals between all ports
- Declared reseat value is obtained with valve set @ maximum setting



Performance curves



Seals
B = BUNA + sealed piston
D = VITON + sealed piston

C | 0 | 0 | | | | | | 0 | 4 | 6 | 6 | 0 | 0 | A

Setting (bar)

Spring
M = 100-210 (109 bar/turn)
D = 200-350 (136 bar/turn)

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