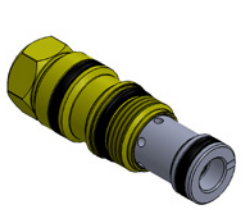
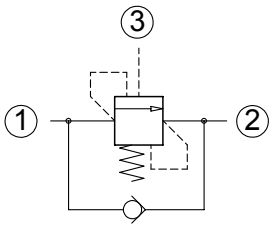
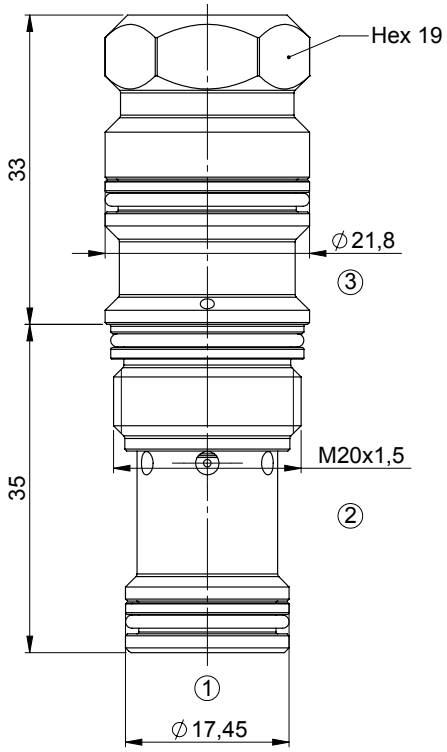
Load holding valves

Normale Ristretta T11A 4:1 fixed setting



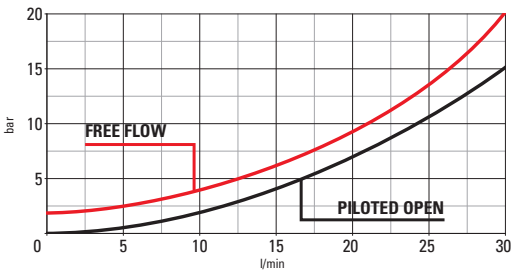




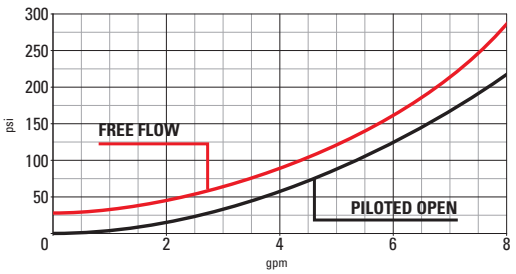
Technical Details

cavity	T11A
capacity	30 lpm (8 gpm)
max operating pressure	350 bar (5000 psi)
pilot ratio	4:1
maximum setting	280 bar (4000 psi)
minimum setting	70 bar (1000 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	230 bar (3350 psi)
valve hex size	19
valve installation torque	40-45 Nm (30-35 lbf ft)
valve weight	0,130 kg (0,29 lbs)
external component surface treatment	zinc plating + sealing
seal kit (nbr)	S00T11ASN900000
seal kit (viton)	S00T11ASV900000
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 19/17/17

- 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 not provided with positive seals on the pilot section
- Declared reseat value is obtained with valve set @ maximum setting



Performance curves



Seals
1 = BUNA SEALS
3 = VITON SEALS

C | 0 | 4 | | | | | 0 | 4 | 1 | 1 | 0 | 0 | A

Setting (bar)

Spring
M (70-280 bar)

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