

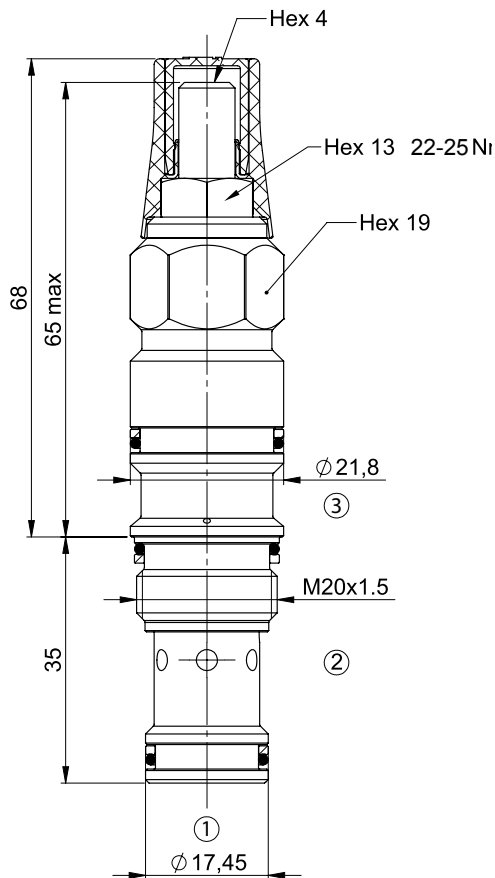
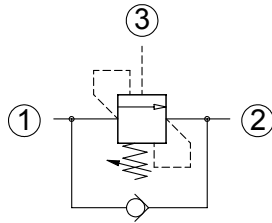


Load Holding Valves

Normale T11A 3:1 adjustable setting



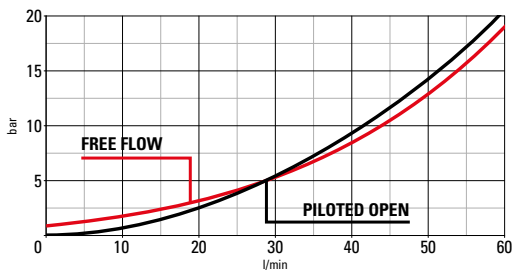
MANIFATTURA ITALIANA DI VALVOLE OLEODINAMICHE



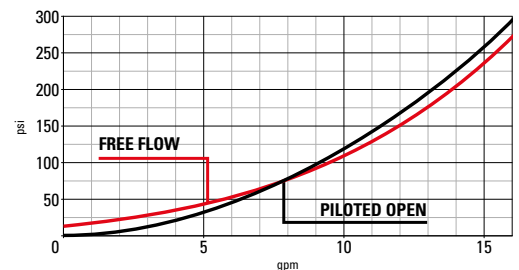
Technical Details

cavity	T11A
capacity	60 lpm (16 gpm)
max operating pressure	350 bar (5000 psi)
pilot ratio	3:1
maximum setting	420 bar (6000 psi)
minimum setting	30 bar (450 psi)
pressure increase per turn	201 bar (Spring D) - 135 bar (Spring M) - 33 bar (Spring T) - 235 bar (Spring S)
pressure setting established @	cracking pressure (1in3/min)
maximum valve leakage at reseal	5 drops / minute
operating characteristic	standard
reseal	>85%
maximum recommended load pressure at maximum setting	320 bar (4600 psi)
valve hex size (mm)	19
valve installation torque	40-45 Nm (30-35 lbf ft)
adjustment screw internal hex size (mm)	4
seal-lock hex size (mm)	13
seal-lock torque	22-25 Nm (16-18 lbf ft)
valve weight	0.150 Kg (0.33 lbs)
external component surface treatment	zinc plating
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 19/17/20

- Turn adjustment clockwise to increase setting
- 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 reseal value is obtained with valve set @ maximum setting



Performance curves



Seals and anti-tamper options

- 0 = BUNA SEALS
- 6 = BUNA tamper resistant
- 2 = VITON SEALS
- 7 = VITON tamper resistant

C | 0 | 0

Setting (bar)

0 | 3 | 1 | 1 | 0 | 0 | A

Spring

- T = 30-105 bar
- M = 105-210 bar
- D = 200-350 bar
- S = 340-420 bar

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