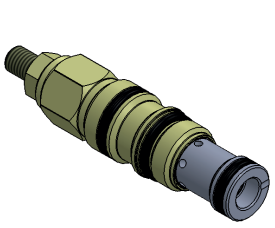
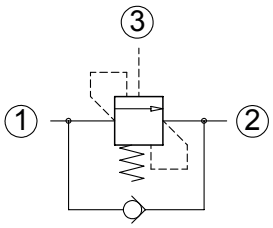
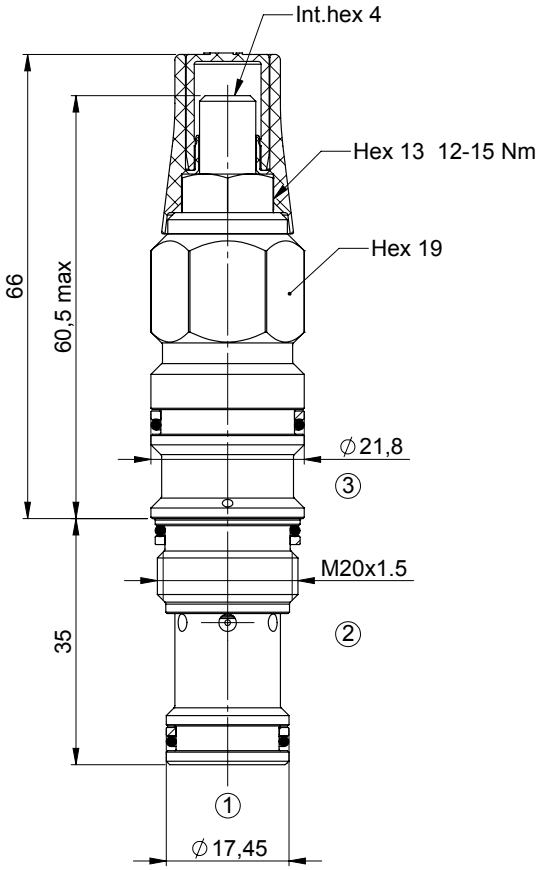
Load holding valves

Normale Ristretta T11A 3:1 SP adj. setting **FINE CONTROL**

VALVOLE ITALIA, CW4AM210031100A





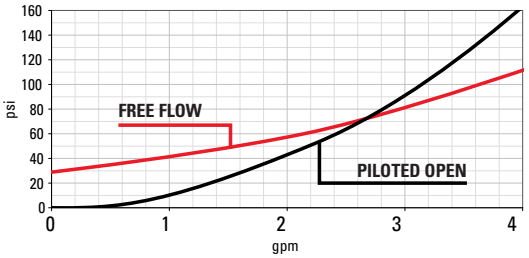


Technical Details

cavity	T11A
capacity	15 lpm (4 gpm)
max operating pressure	350 bar
pilot ratio	3:1
maximum setting	280 bar (4000 psi)
minimum setting	30 bar (450 psi)
pressure increase per turn	155 bar (2250 psi) spring M 27 bar (400 psi) spring T
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)
adjustment screw internal hex size	4
seal-lock hex size	13
seal-lock torque	12-15 Nm (9-11 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 mm2/s (cSt)
filtration	Nominal value max. 10µm (NAS 8) / ISO 4406 19/17/16

- 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 provided with positive seals on the pilvot section
- Declared reseat value is obtained with valve set @ maximum setting

Performance curves



Seals
A = BUNA SEALS
G = BUNA tamper resistant
C = VITON SEALS
H = VITON tamper resistant

Spring
T= 30-105 bar
M = 70-280 bar

Setting (bar)

C	W	4					0	3	1	1	0	0	A

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