

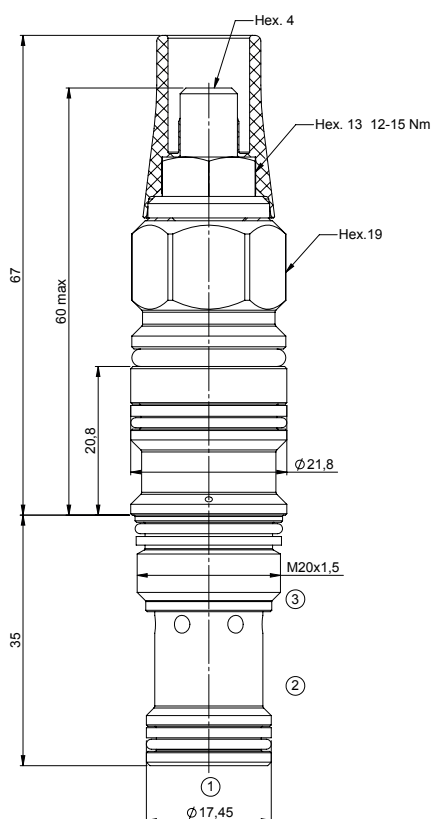
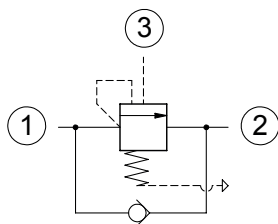
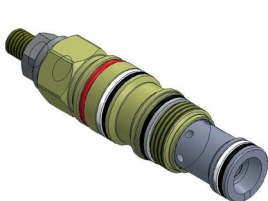


## Load holding valves

# Ventilata Ristretta T11A 3:1 adjustable setting



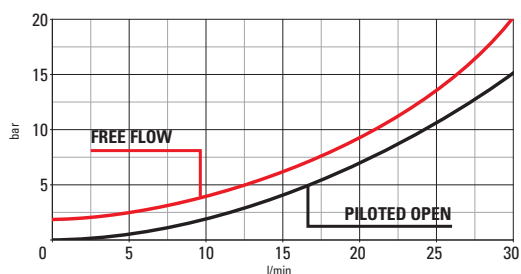
MANIFATTURA ITALIANA DI VALVOLE OLEODINAMICHE



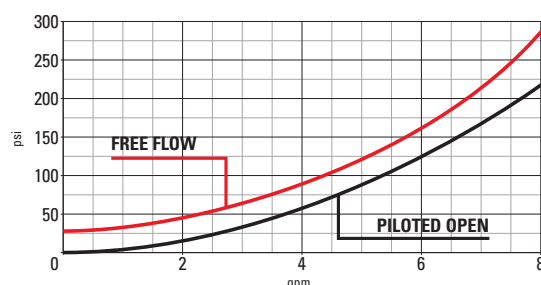
## Technical Details

|  |   |
|--|---|
| cavity   | T11A  |
| capacity   | 30 lpm (8 gpm)  |
| max operating pressure                               | 350 bar   |
| pilot ratio  | 3:1   |
| maximum setting                                      | 280 bar (4000 psi)  |
| minimum setting                                      | 40 bar (580 psi)  |
| pressure increase per turn                           | 155 bar (2250 psi) spring M<br>27 bar (390 psi) spring T  |
| pressure setting established @                       | cracking pressure (1 in3/min)   |
| maximum valve leakage at reseal                      | 5 drops / minute  |
| operating characteristic                             | vented  |
| reseal   | >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)                                       | S00T11ASN90000V   |
| seal kit (viton)                                     | S00T11ASV90000V   |
| 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
- Operations of all functions are independent of back.-pressure at port 2, thanks to the fact that the spring chamber is vented to atmosphere.
- Set your counterbalance valve at least 1.3 times the maximum load induced pressure.
- This valve is 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 | 6 | | | | | 0 | 3 | 1 | 1 | 0 | 0 | A

Setting (bar)

### Spring

T = 40-105 bar  
M = 100-280 bar

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