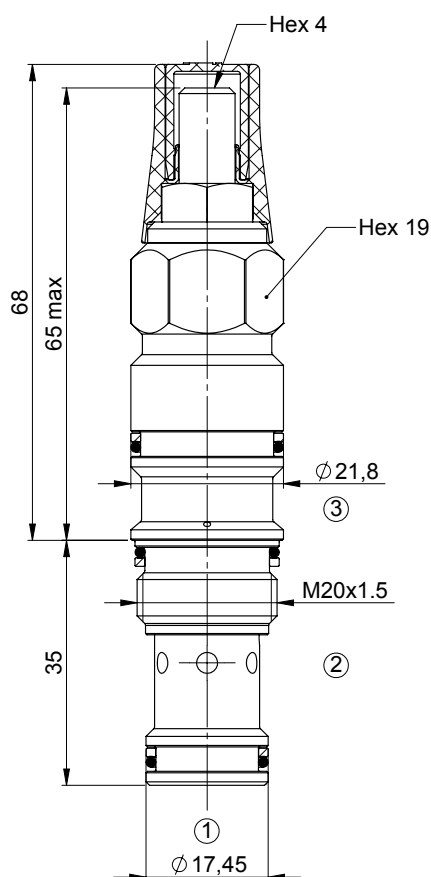
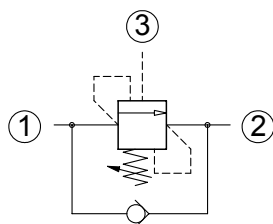


## Load holding valves

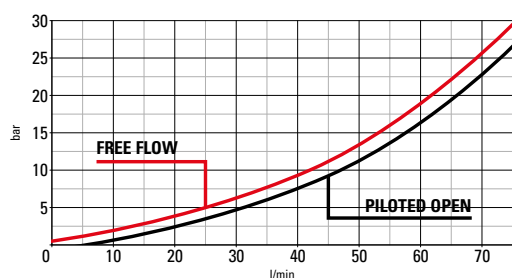
## Normale T11A GT 3:1 adjustable setting



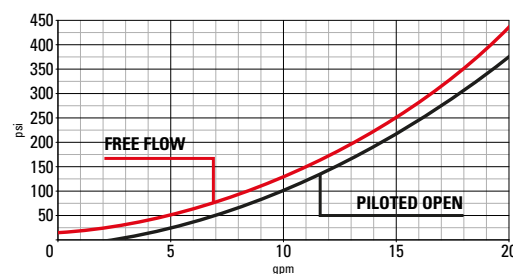
## Technical Details

|                                                      |                                                                                                 |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| cavity                                               | T11A                                                                                            |
| capacity                                             | 75 lpm (20 gpm)                                                                                 |
| max operating pressure                               | 350 bar (5000 psi)                                                                              |
| pilot ratio                                          | 3:1                                                                                             |
| maximum setting                                      | 265 bar (3800 psi)                                                                              |
| minimum setting                                      | 35 bar (500 psi)                                                                                |
| pressure increase per turn                           | 206 bar (spring D) - 132 bar (spring M) - 33 bar (spring T)                                     |
| pressure setting established @                       | cracking pressure (1 in3/min)                                                                   |
| maximum valve leakage at reseal                      | 5 drops / minute                                                                                |
| operating characteristic                             | standard                                                                                        |
| reseal                                               | >85%                                                                                            |
| Maximum recommended load pressure at maximum setting | 210 bar (3000 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 mm2/s (cSt) |
| filtration                                           | Nominal value max. 10µm (NAS 8) / ISO 4406 19/17/28                                             |

- 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 | 2 | 0 | | | | | 0 | 3 | 1 | 1 | 0 | 0 | A

Setting (bar)

## Spring

T = 35-105 bar  
M = 105-155 bar  
D = 140-265 bar

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