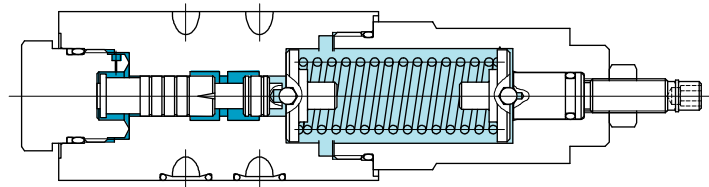
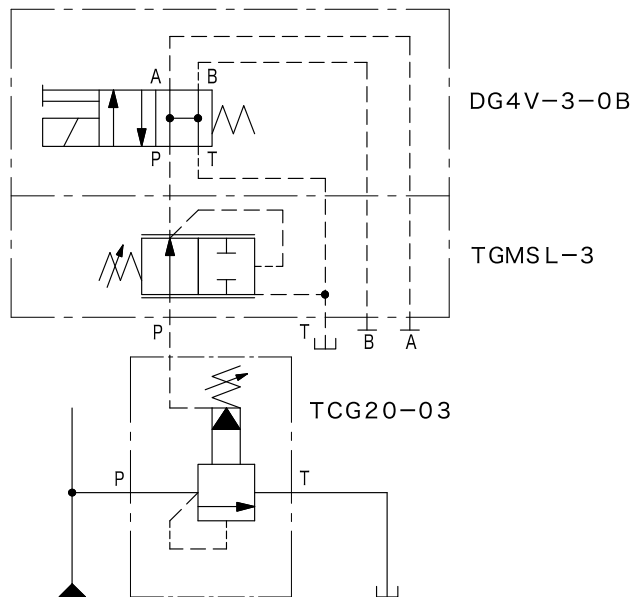
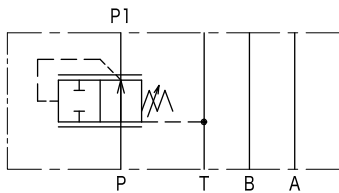


Vent-unloading shockless modules TGMSL-3



- This product is designed to reduce shock during vent unload of the relief valve. In the application example below, the TGMSL-3 is sandwiched between the DG4V-3 solenoid valve and is connected to the vent port of the pilot operated relief valve.

Functional Symbols



Application example

Model Code

(F3) - TGMSL - 3 -(L) - 50

1 2 3 4 5

- 1 Fluid
Omit for mineral oil, water-glycol
F3: phosphate ester
- 2 Vent unload shockless valve module
- 3 Mounting
3: ISO 4401-03

- 4 Adjuster
Omit for B port side adjuster (st'd)
L: adjuster on A port side
- 5 Design no.

Specifications

Model Code	Max. Wkg. Pressure MPa	Rated Flow L/min	Weight kg
TGMSL-3	31.5	1.7	1.3

Notes On Use

- Valve will not operate with adjustment screw fully tightened and may cause shock in system. Also if adjustment screw is completely loose, the vent line will close and the main valve will not unload. Adjust screw to a mid-point position.

Mounting Bolts (JIS B1176, Strength Class 12.9)

- Mounting DG4V-3 on top of TGMSL-3 requires 4 hex socket bolts, M5 × 90
- Order mounting bolts separately.
- Mounting bolt tightening torque, 7~8 Nm

Subplate

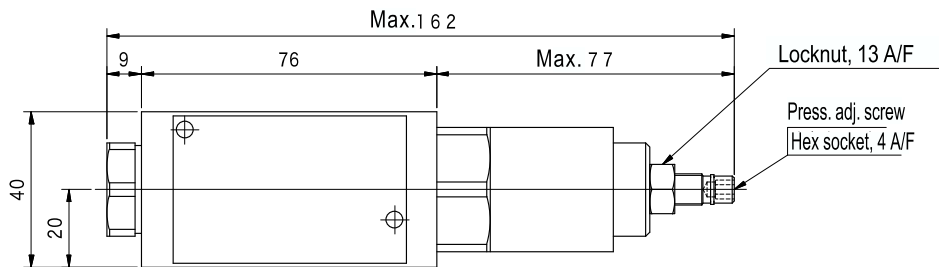
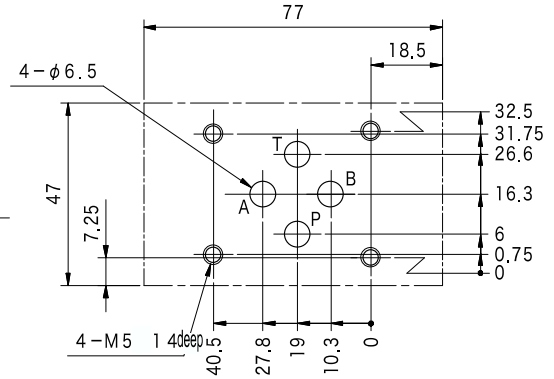
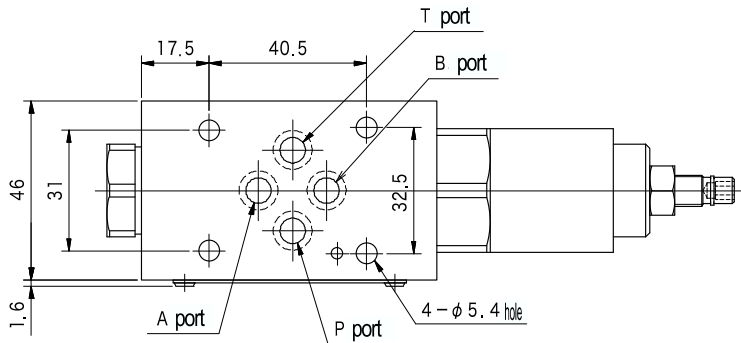
Connection Port Orientation	Subplate	Connection Port Dia. Rc
Bottom Piping	DGVM-3-10-T-JA-J	3/8
Side Piping	DGMS-3-1E-10-T-JA-J	

- Subplate must be ordered separately.
- Hex socket bolt for valve mounting supplied. (metric thread)
- See page Q3 for dimensions.

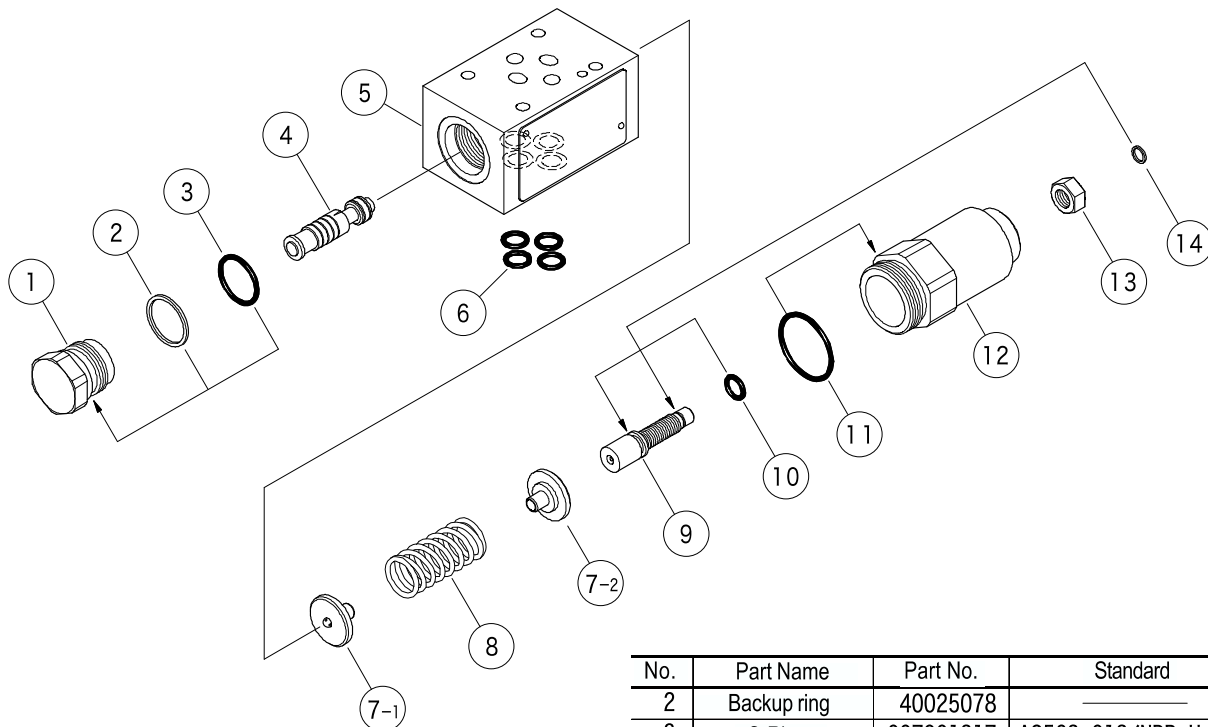
Dimensions

TGMSL-3-50

Mounting Dimensions (ISO 4401-03)



Construction



No.	Part Name	Part No.	Standard	Qty
2	Backup ring	40025078	—	1
3	O-Ring	007901817	AS568-018 (NBR, Hs70)	1
6	O-Ring	007901219	AS568-012 (NBR, Hs90)	4
10	O-Ring	007901119	AS568-011 (NBR, Hs90)	1