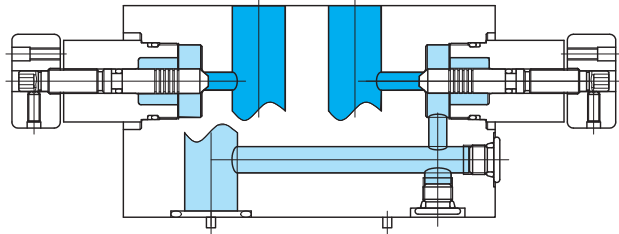
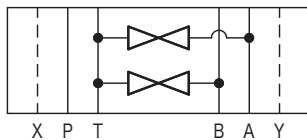


Pressure release valves TGMFS-7, 50 series



Functional Symbol



Model Code

(F3)-TGMFS-7-ATH-BTH-50

1 2 3 4 5 6 7 8

1 Hydraulic fluid

Omit: mineral oil based fluid, water-glycol based fluid
F3: phosphate ester

2 Pressure release valve

3 Mounting dimensions

7: ISO 4401-AD-07-4-A

4 Control line

AT: A → T flow

5 Adjuster

H: knob

6 Control line

BT: B → T flow

7 Adjuster

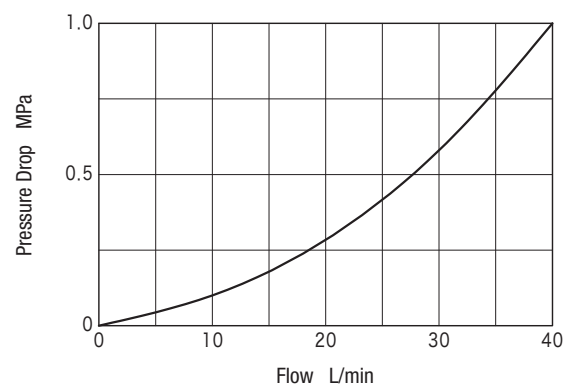
H: knob

8 Design no.

Specifications

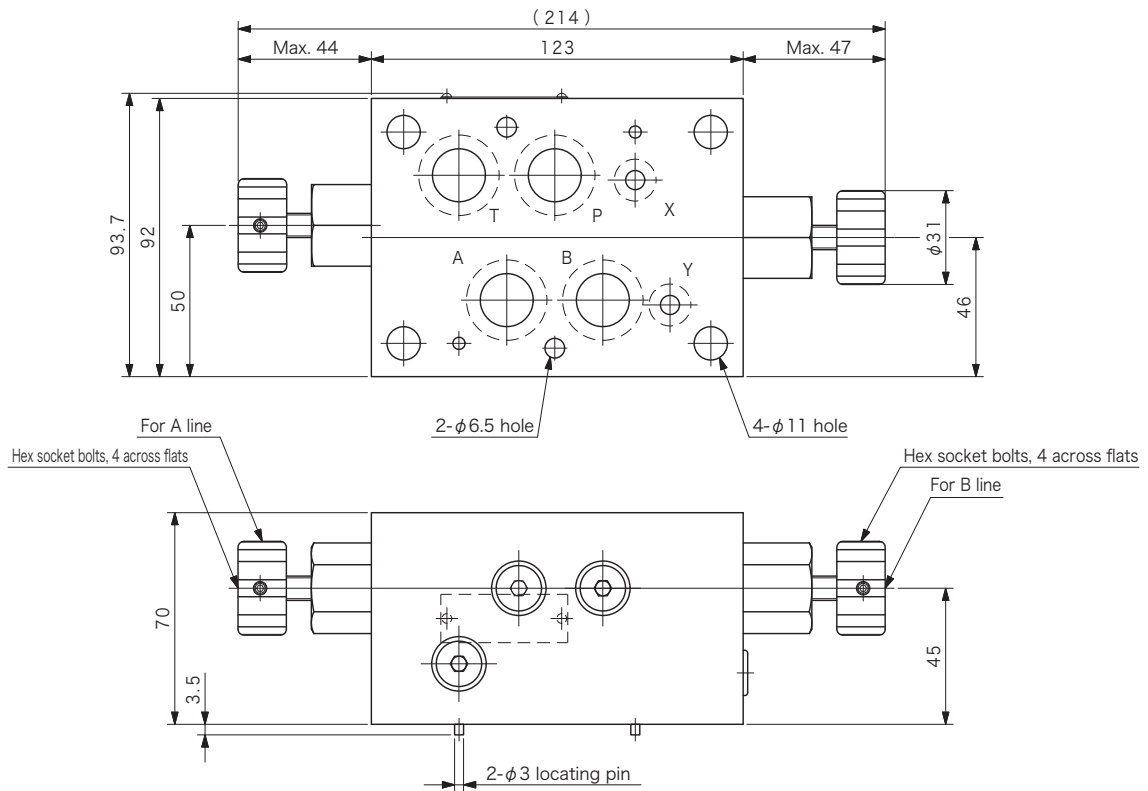
- Max. Working Pressure: 31.5 MPa
- Max. Flow: 300 L/min (Ports P, A, B, T)
40 L/min (A → T, B → T flow)

Characteristics Curve (at 20 mm²/s, 50°C) (typical examples)

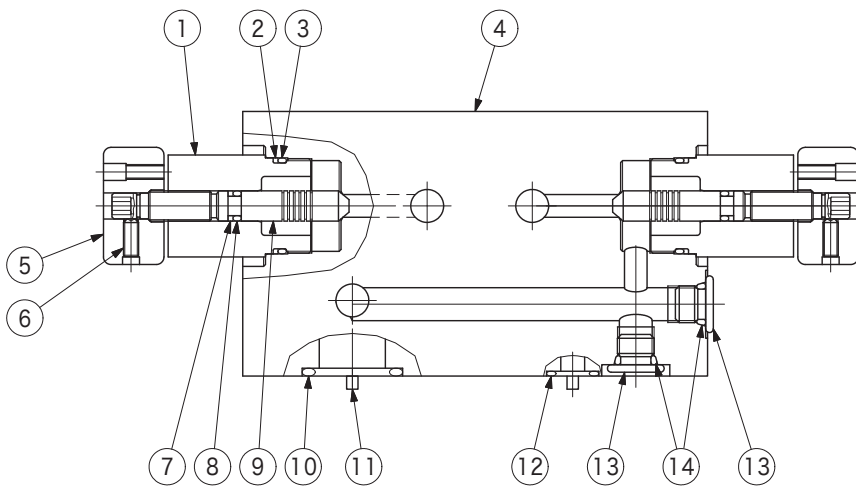


Dimensions

Weight: 5.1 kg



Construction



No.	Name	Part No.	Standard	Qty
2	Backup ring	40025055	—	2
3	O-ring	007902017	AS568-020 (NBR, Hs70)	2
7	Backup ring	40025095	—	2
8	O-ring	007900817	AS568-008 (NBR, Hs70)	2
10	O-ring	007911819	AS568-118 (NBR, Hs90)	4
12	O-ring	007901319	AS568-013 (NBR, Hs90)	2
14	O-ring	008000619	JIS B 2401-1B-P8	5