

hp-Overflow valves with flange connection for SAE-flange

2.4

Type of actuation E: with adjustment screw

For lubricating and hydraulic oils and many other self-lubricating non-corrosive fluids. For heating oils EL, L, M, S and ES, kerosene.

Maximum temperature of fluid medium: 150°C

Material: casing (GGG 40); certificate 3.1 on request;
piston, valve tip, spring of hardened steel

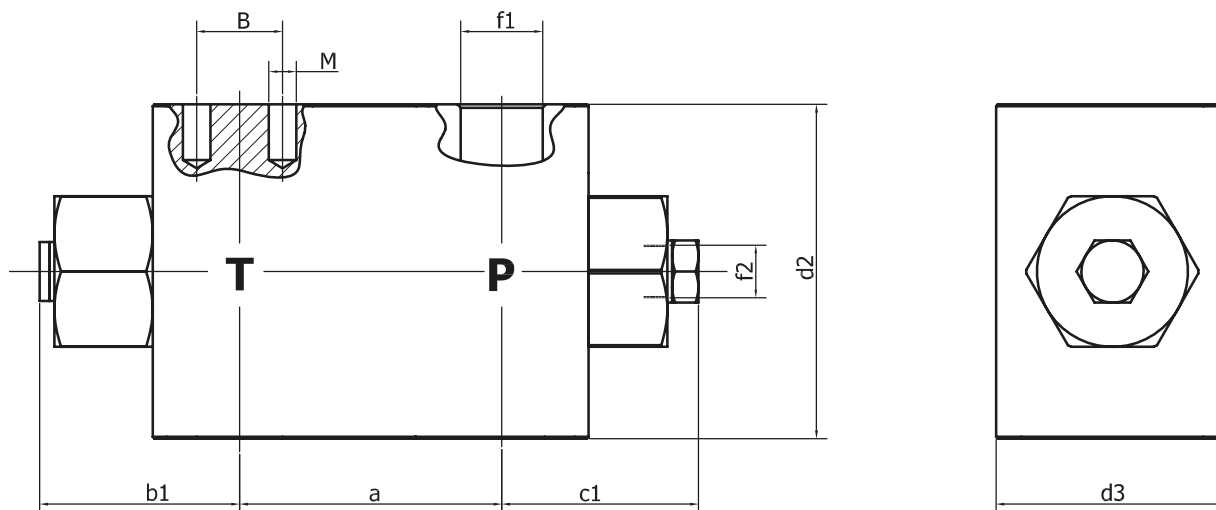
Function: Directly-controlled, spring-loaded overflow valve for maintaining a set operating pressure or a set maximum pressure in a pressure pipe.



Model	Possible pressure stages for each model	SAE flange connection	Flow range ²⁾ l/h	Viscosity range ²⁾ cSt	Item No.	Weight Kg
B - G - E - SAE 1/2	2 = 2 - 9 bar	G 1/2"	30 - 600	2,8 to 480	027 0210	2,3
B - GH - E - SAE 3/4"	3 = 6 - 25 bar	G 3/4"	100 - 2000	2,8 to 480	027 0220	4,1
B - GHG - E - SAE 1"	4 = 15 - 40 bar	G 1"	300 - 6000	2,8 to 480	027 0230	6,3

For installation, operation and maintenance, follow the operating instructions that come with each piece of equipment.

²⁾ For curves see page 31



Model with regulating screw

After removing cover screw on the regulating screw the pressure is increased by turning clockwise with an allen key. It is decreased by turning counterclockwise.

Size table

Model	a	b1	c1	d1	d3	f1	f2	SAE-flange dimensions			
								Size	A	B	M
B - G - E - SAE 1/2	55	51	37	68	54	Ø 13	G1/4"	1/2"	38,1	17,5	M 8
B - GH - E - SAE 3/4"	63	57	43	88	65	Ø 19	G1/4"	3/4"	47,6	22,2	M 10
B - GHG - E - SAE 1"	80	69	68	102	68	Ø 25	G1/4"	1"	52,4	26,2	M 10