hp-Pressure-regulating valve of Series B-PRO 2.6

B-PRO model

B-Pro valves are used to control system pressure and flow. They are available in 4 sizes with capacity up to 2000 l/h. The valves are used in connection with spillback nozzles, where pressure and flow in the spillback determine the nozzle capacity.

Maximum temperature of fluid medium: 150°C

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

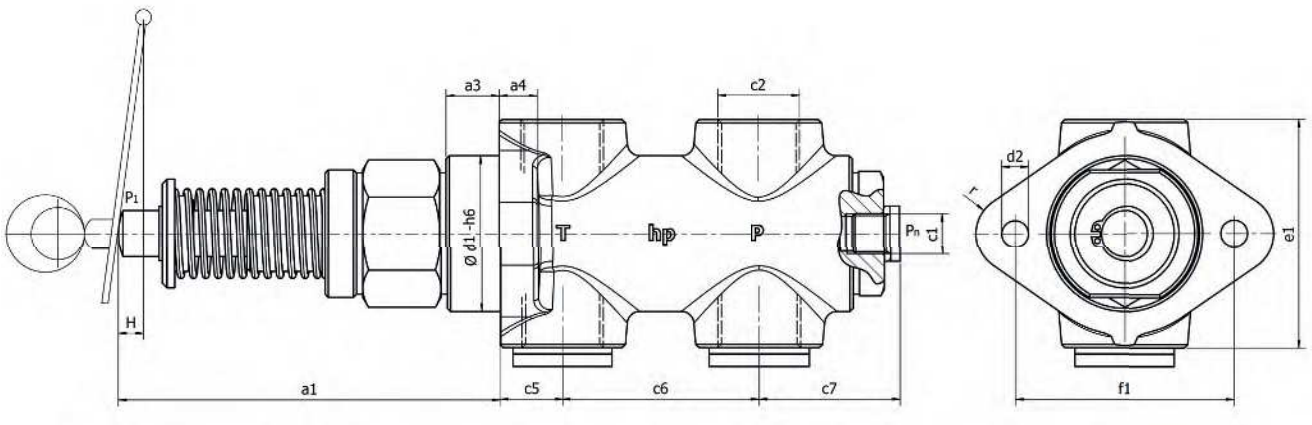
Usage and characteristics:
· Light and heavy oil
· Oil burner with spillback nozzles



B-PRO	Size		B-PP-PRO		B-P-PRO		B-G-PRO		B-GH-PRO	
Viscosity range (measured in inlet)	cSt. (mm^2/s)		1.3 - 700							
Pressure range	bar		Pressure stage 2 (2-22 bar)				Pressure stage 4 (5-45 bar)			
Factory setting	bar		Minimum pressure							
Weight	kg		0.6		1.2		1.2		2.6	
max. oil temperature	°C		150							
Ambient temperature	°C		-10 to +90							
Storage temperature	°C		-20 to +60							
Item No.	Pressure stage 2	Pressure stage 4	0250310	0250312	0250314	0250316	0250318	0250320	0250322	0250324

Flow rate

	Minimum in l/h	Nominal in l/h	Maximum in l/h
B - PP - Pro	20	60	120
B - P - Pro	45	160	300
B - G - Pro	90	300	600
B - GH - Pro	300	1000	2000



T Return connection to tank
P Pressure outlet
P_n Pressure gauge port
P_1 Pressure and flow setting

Model	a1	a3	a4	c1	c2	c5	c6	c7	d1	d2	e1	f1	H	r
B-PP-PRO	73	10	8	G1/8"	G1/4"	12	43	34	26	5.5	40	40	6	8
B-P-PRO	90	12	10	G1/8"	G3/8"	15	65	37	32	6.2	55	51	10	8
B-G-PRO	90	12	10	G1/8"	G3/8"	15	65	37	32	6.2	55	51	10	8
B-GH-PRO	121	17	12	G1/8"	G3/4"	20	63	48	50	8.4	70	70	12	12.5