

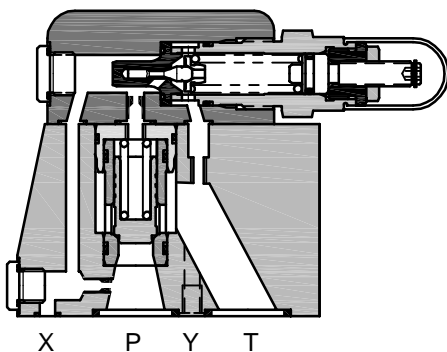


Description

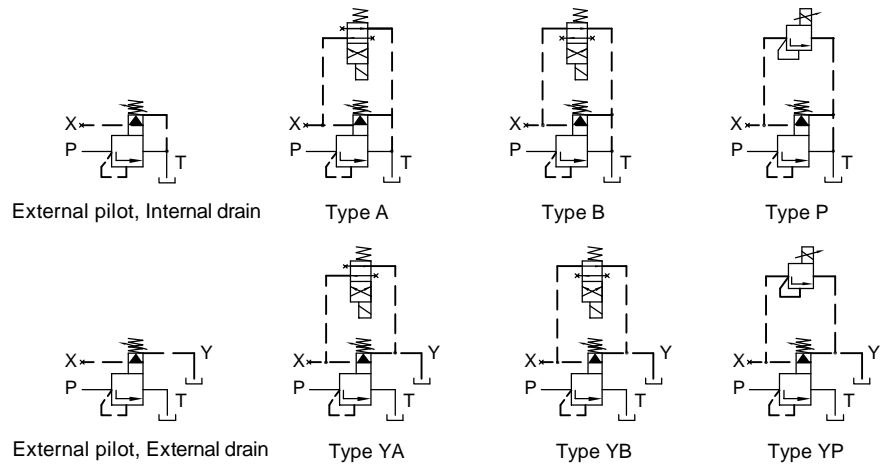
Two stage poppet type Relief valve.
Solenoid unloading or proportional relieving facility as an optional feature.
Vent connection for remote control.
Two standard sizes in Threaded construction.
Three standard sizes in Sub-plate mounting construction.



Section

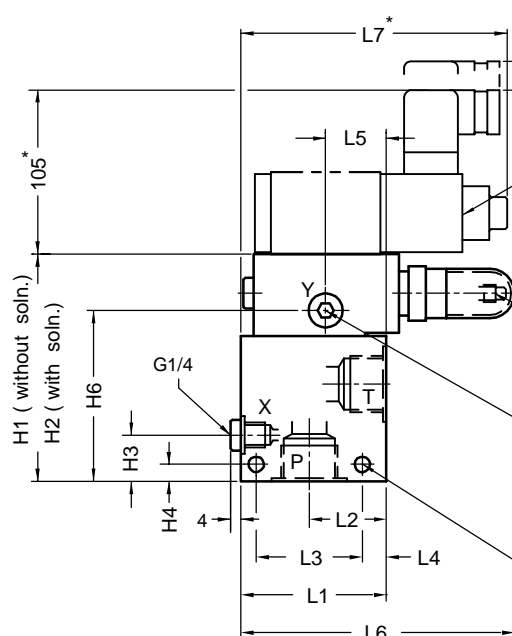
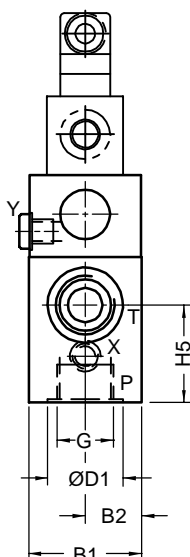


Hydraulic symbol

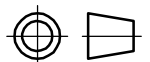


Unit dimensions

Valve : Threaded body



Dimensions in mm.



Solenoid valve or Proportional relief valve (Provision)
(Refer Note 1 on page 3.)
(* Dimensions indicative only, refer individual product catalogue.)

Pressure adjusting screw(4 A/F)
Handknob available as an optional feature

Port for external pilot drain G1/4.
(Optional feature)

ØD2 hole, thru, 2 nos.
('M' size S.H.C.screw for mounting, refer table No. 1)

Table No. 1

Size	Mass kg.	G	H1	H2	H3	H4	H5	H6	L1	L2	L3	L4	L5	L6	L7	B1	B2	ØD1	ØD2	M
20	4.8	G1	131	140	25	10	57	100	85	43	62	12	33.5	153	155	66	33	44	9	M8
30	9.5	G1-1/2	170	178	42	13	80	138	100	54	72	18	41.5	162	163	86	43	60	11	M10



Valve : Subplate mounting

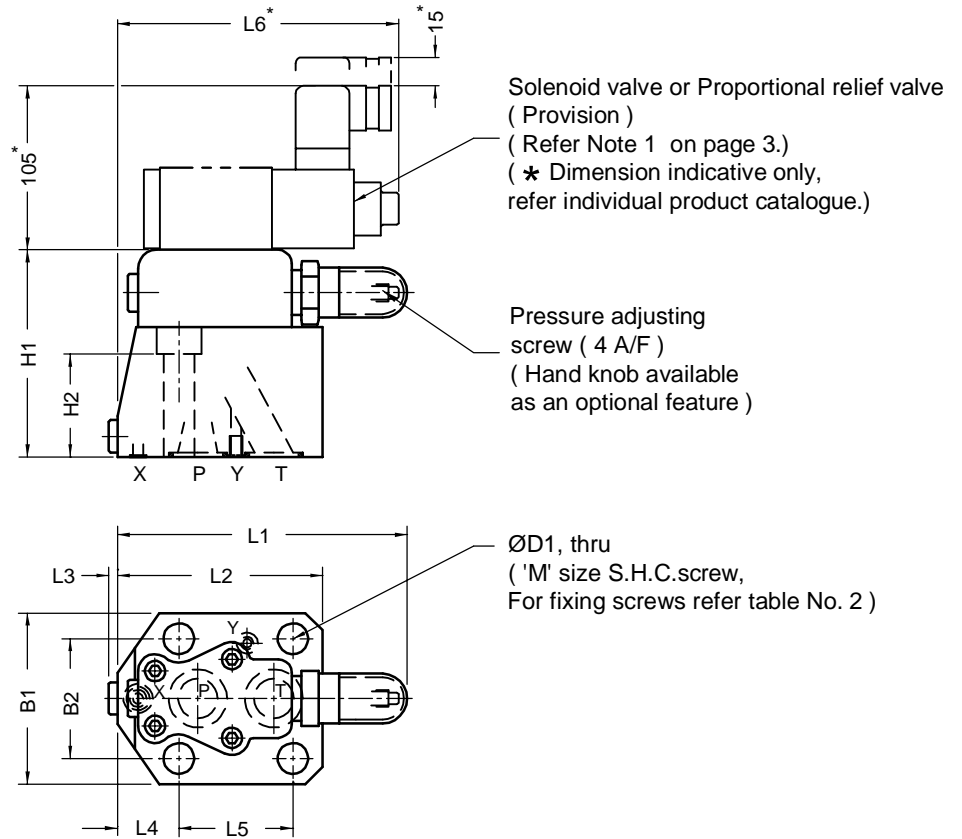
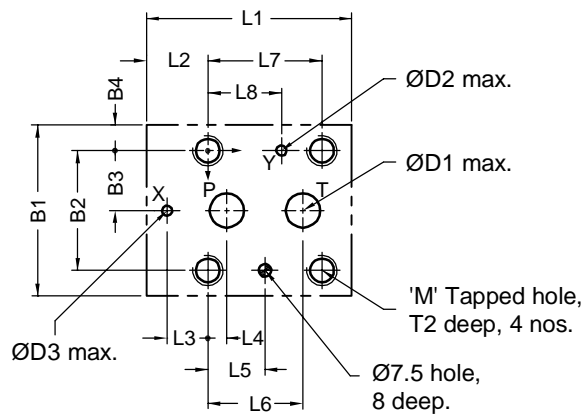


Table No. 2

Size	H1	H2	L1	L2	L3	L4	L5	L6	$\text{Ø}D1$	B1	B2	Mass kg	M Valve fixing Screws	Tightening Torque
10	120	82	150	80	4	12.9	53.8	142	13	80	53.8	4.8	M12 x 100 L - 4 nos.	125 Nm
20	115	66	167	120	4	35.9	66.7	163	18	100	70	6.7	M16 x 90 L - 2 nos.	300 Nm
													M16 x 50 L - 2 nos.	
30	143	93	182	155	4	47.3	88.9	178.5	20	120	82.6	12	M18 x 120 L - 4 nos.	500 Nm



Interface details

Note : Surface roughness : Ra value is equal to or better than $0.8 \mu\text{m}$
Surface flatness : $0.01 - 100 \text{ mm}$.

Table No. 3

Size	L1	L2	L3	L4	L5	L6	L7	L8	B1	B2	B3	B4	$\text{Ø}D1$	$\text{Ø}D2$	$\text{Ø}D3$	M	T2
10	80	12.9	0	22.1	22.1	47.5	53.8	31.8	80	53.8	26.9	13.1	13	4.8	4.8	M12	22
20	120	35.9	23.8	11.1	33.4	55.6	66.7	43.7	100	70	35	15	23	6.3	6.3	M16	26
30	155	47.3	31.8	12.7	44.5	76.2	88.9	54.9	120	82.6	41.3	18.7	32	6.3	6.3	M18	30

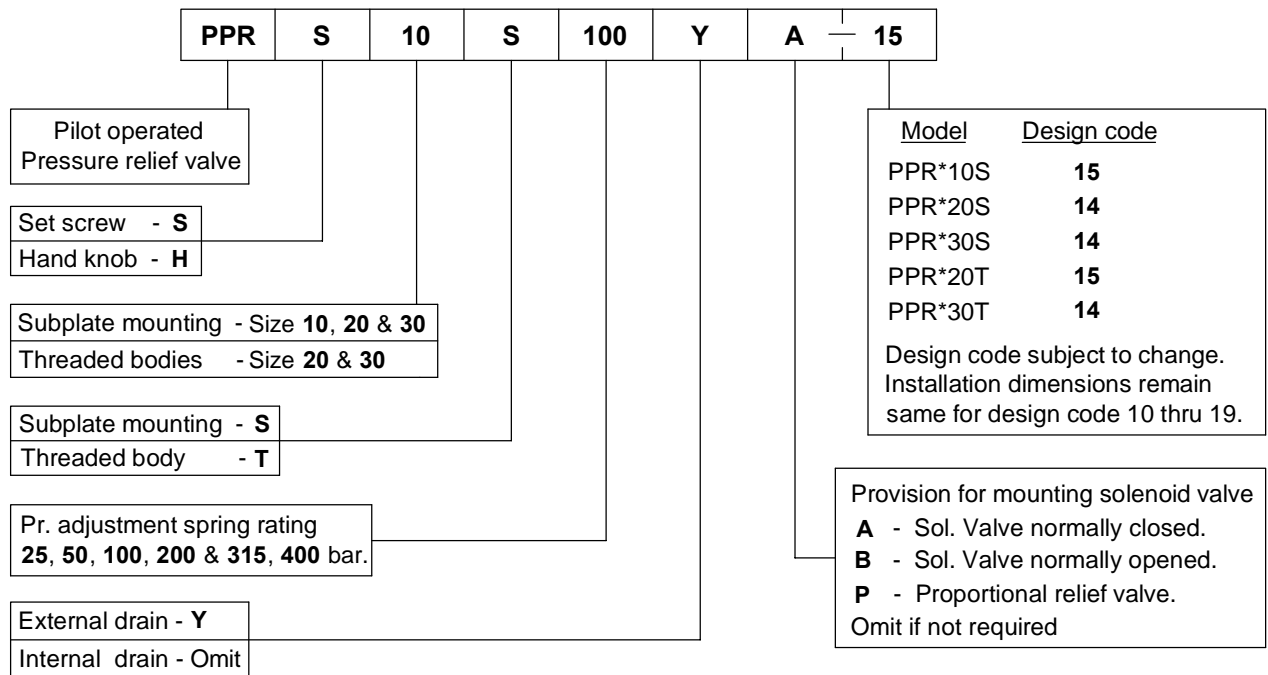


Technical specifications

- Construction Two stage poppet valve.
- Mounting Threaded bodies - Company standards
Subplate mounting - ISO6264.
- Mounting position Optional.
- Flow direction From port P to port T.
- Maximum Operating pressure
 - For port P and X 315 bar.
 - For port T and Y 210 bar.
 (For model with solenoid valve mounting provision)
 - For port T and Y..... Max. pressure is equal to tank port pressure rating of the valve mounted. *
- Hydraulic medium Mineral oil.
- Viscosity range 10 cSt to 380 cSt
- Fluid temperature range -20°C to +70°C
- Fluid cleanliness requirement ISO 4406 20/18/15 or better.
- Maximum flow handling capacity For valve size
 - 10100 l/min
 - 20200 l/min
 - 30400 l/min
- Mass Refer individual table.

* Port pressure is additive to the setting of the valve.

Ordering code



Note 1 : Solenoid (refer spool type)

