

Prefill Valve

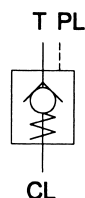
DAIWER

■ Prefill Valves

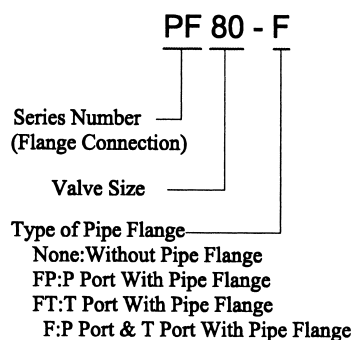


PF-※-※

■ JIS Graphic Symbol



■ Model Number Designation



■ PF-※ FLANGE'S MASS/kg

Valve Model No.	P Port Flange	T Port Flange	MTG. Bolt W/T Washer
PF-80	7.2	7.2	1.8
PF-90	10.7	10.7	2.5
PF-100	15.5	15.5	3.6
PF-125	29	29	6.2
PF-150	42.3	36	14

■ Ratings

Valve Size	Model No.	Max. Flow l/min	Cracking Pressure kgf/cm ²	Mass kg
3	PF-80-※	400	0.12	2.8
3 1/2	PF-90-※	630	0.12	3.8
4	PF-100-※	1000	0.12	6.0
5	PF-125-※	1600	0.12	10.8
6	PF-150-※	2500	0.13	23.5

Note 1. To avoid possible shock, decompress the pressure in the cylinder line first before the valve puts in operation, otherwise the valve does not perform well.

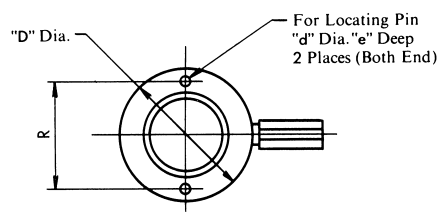
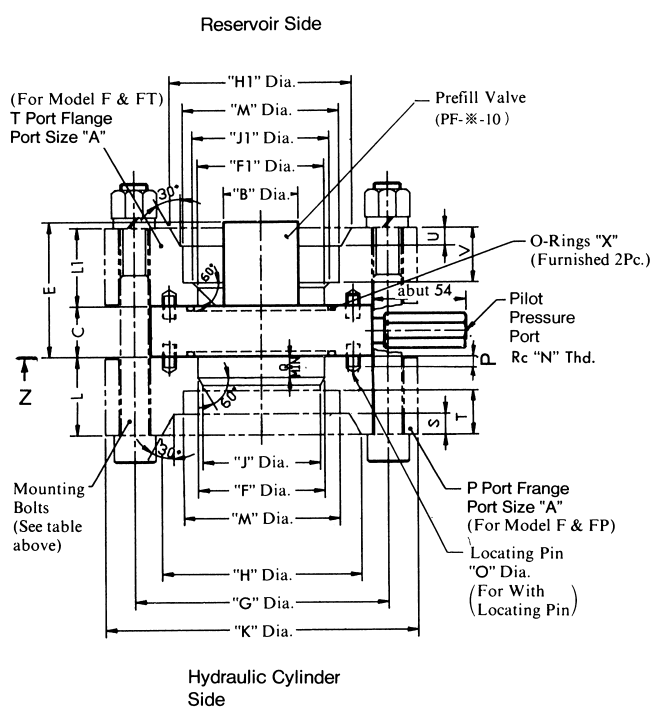
(The pilot pressure should be more than 4.5 times higher than the main pressure).

2. The pressure drop is about 0.3 kgf/cm² in the maximum flow rate on the table above.

■ Mounting Bolts (Attachment for PF-※-F Only)

Model No.	Socket Head Cap Screw	Qty.
PF-80	M16X140 Lg	6
PF-90	M18X170 Lg	6
PF-100	M20X190 Lg	6
PF-125	M24X230 Lg	6
PF-150	M30X260 Lg	6

■ PF-※-※



View Arrow Z (Prefill Valve)
(Without Pipe Flanges and Locating Pins)

Dimensions

Model No.	A	B	C	D	E	F	F1	G	H	H1	J
PF-80	3	43	29	128	77.5	73	73	146	115	105	71
PF-90	31/2	50	35	143	87	88	88	165	125	120	82
PF-100	4	56	38.5	169	102.5	108	108	191	140	135	100
PF-125	5	69	44	212	118	132	132	238	170	165	112
PF-150	6	89	72	248	181	168	155	280	200	181	-

Model No.	J1	K	L	L1	M	N	O	P	Q	R
PF-80	79	180	45	45	90.2	1/4	6	6	12	106
PF-90	91	206	50	50	102.8	1/4	6	6	14	125
PF-100	-	240	55	55	115.5	1/4	6	6	18	145
PF-125	-	300	65	65	141.2	1/4	10	9	25	180
PF-150	155	335	85	70	167	3/8	10	9	40	220

Model No.	S	T	U	V	X	d	e
PF-80	10	23	5	25	G80	7	7
PF-90	10	23	5	27	G100	7	7
PF-100	12	28	5	27	G115	7	7
PF-125	15	20	5	25	G140	11	10
PF-150	15	30	7	30	G180	11	10

Note: The both side of body are sealed with O-Ring seals, when the flanges are not ordered, the roughness of customer's mounting surface should have finished to 1.6a (▽▽▽).