

● BALL FOOT VALVE



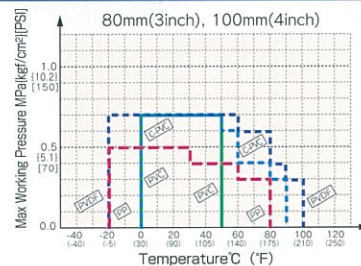
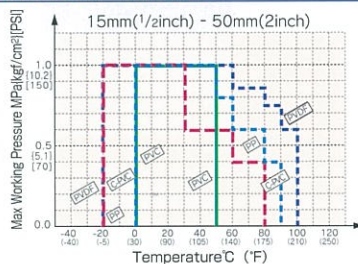
SPECIFICATIONS

Body material	Unplasticized Polyvinyl Chloride(PVC), Chlorinated Polyvinyl Chloride(C-PVC) Polyvinylidene Fluoride(PVDF), Polypropylene(PP)
End Connectors	Socket End, Threaded End, Flanged End
Nominal Size	15 mm(1/2inch) - 100 mm(4inch)
Working Temperature	PVC:0°C - 50°C(30°F - 120°F) C-PVC:0°C - 90°C(30°F - 195°F) PVDF:-20°C - 100°C(-5°F - 210°F) PP:-20°C - 80°C(-5°F - 175°F)
Max. Working Pressure	1.0MPa{10.2kgf/cm ² }[150PSI](at R.T.).....15mm(1/2inch) - 50mm(2inch) 0.7MPa{7.1kgf/cm ² }[100PSI](at R.T.).....80mm(3inch) - 100mm(4inch)

R.T.:Room Temperature

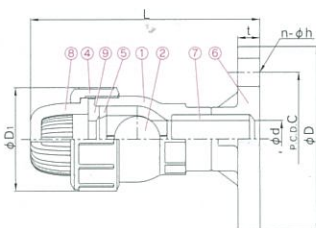
WORKING PRESSURE VS. TEMPERATURE

BALL FOOT VALVE

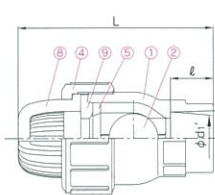


DIMENSIONS

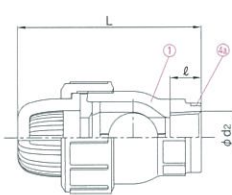
FLANGED END



SOCKET END



THREADED END



PARTS & MATERIALS

No.	DESCRIPTION	QTY.	MATERIAL
①	BODY	1	PVC, C-PVC, PP, PVDF
②	BALL	1	PVC, C-PVC, PP, PVDF
④	UNION NUT	1	PVC, C-PVC, PP, PVDF
⑤	STOP RING(A)	1	PVC, C-PVC, PP, PVDF
⑥	FLANGE 2)	1	PVC, C-PVC
⑦	PIPE 2)	1	PVC, C-PVC
⑧	SCREEN	1	PVC, C-PVC, PP, PVDF
⑨	SEAT	1	EPDM, FKM, Others
⑩a	RING 1)	1	STAINLESS STEEL (SUS304)

Note :

1):Used for C-PVC body, threaded end 15mm(1/2inch) - 25mm(1inch)

2):Used for Flanged End

DIMENSIONS TABLE

JIS		Unit:mm																								
Nominal Size	D ₁	Flanged End										Socket End						Threaded End								
		JIS 5K					JIS 10K					L		PVC, C-PVC			PP			L						
mm	inch	D	C	n	h	D	C	n	h	PVC C-PVC	PVDF	d	t	d ₁	ℓ	1/T	L	d ₁	d ₂	ℓ	L	d ₁	ℓ	PVC C-PVC	PVDF PP	
15	1/2	48	80	60	4	12	95	70	4	15	130	118	18	14	22.11	20	1/34	95	21.2	20.2	22	97	Rc 1/2	15	90	88
20	3/4	60	85	65	4	12	100	75	4	15	150	133	22	15	26.13	24	1/34	110	26.2	25.2	23	108	Rc 3/4	17	103	101
25	1	70	95	75	4	12	125	90	4	19	167	146	25	15	32.16	27	1/34	121	33.0	32.0	25	118	Rc 1	20	114	111
40	1 1/2	96	120	95	4	15	140	105	4	19	246	207	41	16	48.21	37	1/37	184	47.0	46.0	28	174	Rc 1 1/2	25	172	169
50	2	106	130	105	4	15	155	120	4	19	274	225	52	20	60.25	42	1/37	203	59.0	58.0	28	188	Rc 2	28	189	185
80	3	152	180	145	4	19	185	150	8	19	396	336	78	22	89.60	64	1/49	324	88.0	86.0	35	293	Rc 3	35	294	289
100	4	210	200	165	8	19	210	175	8	19	506	415	100	22	114.70	84	1/56	413	113.0	111.0	45	372	Rc 4	45	374	367

DIN		Unit:mm											
Nominal Size	D ₁	Socket End						Threaded End					
		PVC, C-PVC			PP, PVDF			L			L		
mm	inch	d ₁	ℓ	L	d ₁	d ₁ '	ℓ	L	d ₂	ℓ	PVC C-PVC	PVDF PP	
15	1/2	48	20	16	91	19.50	19.30	14.5	89	Rp 1/2	15	90	88
20	3/4	60	25	19	105	24.50	24.30	16	101	Rp 3/4	17	103	101
25	1	70	32	22	116	31.50	31.30	18	111	Rp 1	20	114	111
40	1 1/2	96	50	31	178	49.45	49.20	23.5	169	Rp 1 1/2	25	172	169
50	2	106	63	38	199	62.50	62.10	27.5	187	Rp 2	28	189	184
80	3	152	90	51	310	89.20	88.85	35.5	293	Rp 3	35	294	288
100	4	210	110	61	390	109.05	108.65	41.5	368	Rp 4	45	374	366

ANSI		Unit:mm																		
Nominal Size	d	D ₁	Flanged End						Socket End						Threaded End					
			D	C	n	h	L		t	d ₁	d ₁ '	ℓ	L	d ₂	ℓ	L				
inch	mm					PVC C-PVC	PVDF									PVC C-PVC	PVDF PP			
1/2	15	0.71	1.89	3.50	2.38	4	0.62	5.55	4.65	0.47	0.848	0.836	0.69	3.74	1/2- 14 NPT	0.59	3.54	3.46		
3/4	20	0.87	2.36	3.86	2.76	4	0.62	6.42	5.24	0.51	1.058	1.046	0.72	4.17	3/4- 14 NPT	0.67	4.06	3.98		
1	25	0.98	2.76	4.25	3.13	4	0.62	6.73	5.75	0.59	1.325	1.310	0.87	4.76	1- 11 1/2 NPT	0.79	4.49	4.37		
1 1/2	40	1.61	3.78	5.00	3.88	4	0.62	9.80	8.15	0.63	1.912	1.894	1.09	6.97	1 1/2- 11 1/2 NPT	0.98	6.77	6.65		
2	50	2.05	4.17	5.98	4.74	4	0.75	10.91	8.86	0.79	2.387	2.369	1.16	7.60	2- 11 1/2 NPT	1.10	7.44	7.24		
3	80	3.07	5.98	7.52	6.00	4	0.75	16.10	13.23	0.87	3.516	3.492	1.87	12.09	3- 8 NPT	1.38	11.57	11.34		
4	100	3.94	8.27	9.02	7.50	8	0.75	20.41	16.34	0.87	4.518	4.491	2.00	14.96	4- 8 NPT	1.77	14.72	14.41		