

JIS ANSI/ASME/ASTM DIN*

* DIN: Flange type not available.



Operating Temperature(°C)

PVC	0 ~ 50
HT-CPVC	0 ~ 90



Flange

TS Socket·Thread

ESLON FOOT VALVE

Feature

- Low pressure loss and reliable checking performance even with small differential pressure.
- Superior corrosion & chemical resistance as all plastic component for contact parts with medium.
- Easy maintenance by detaching union nut.

⚠ Important Notes

- In the condition of low flow rate or frequent flow rate fluctuation, the ball might vibrate in the body, and might cause sound or damage of valve.
- Turbulent flow might disable checking by irregular ball bouncing.
- Fluid containing slurry, solid, sediment, or crystallized fluid might disable sealing.

Maximum Working Pressure - Temperature Rating

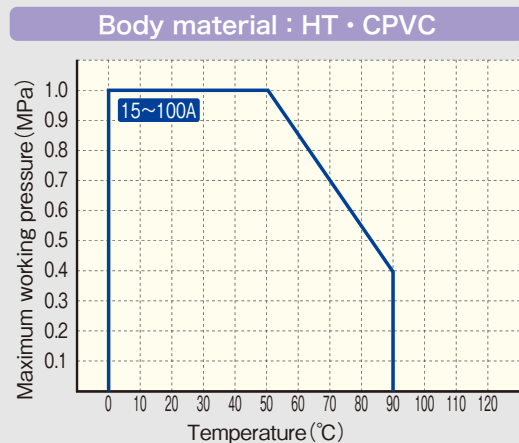
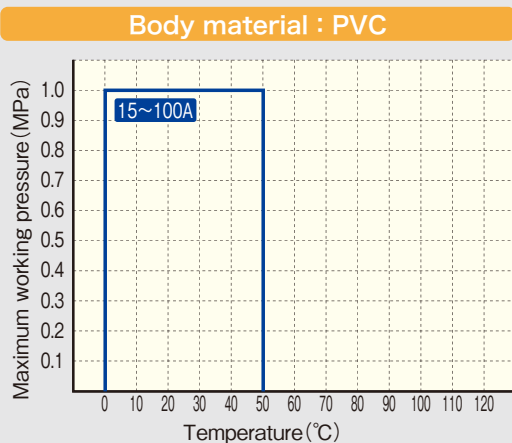
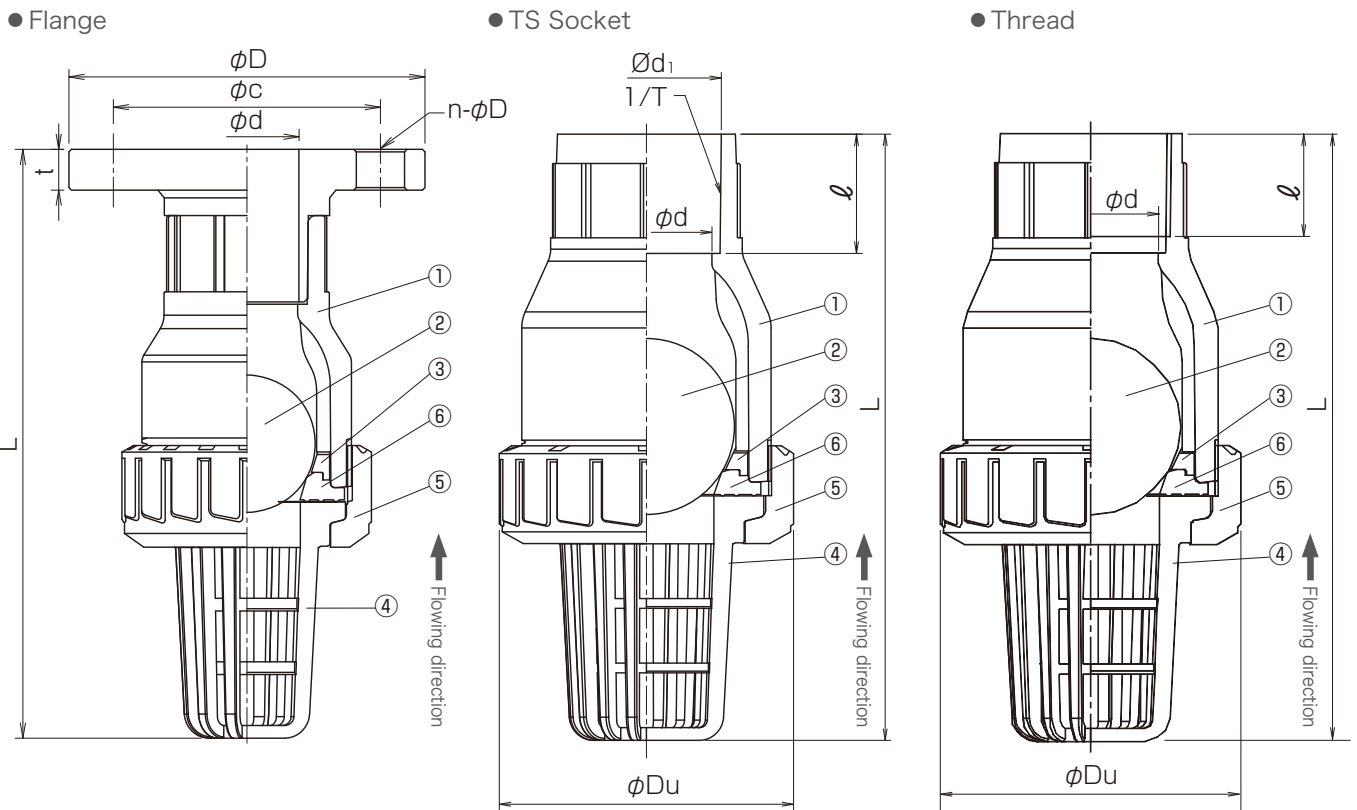


Figure (Flange Type · TS Socket Type · Thread Type)



Parts List

No.	Part Name	Q'TY	Material
1	Body	1	
2	Ball	1	● PVC
3	Ring	1	● HT
4	Screen	1	● CPVC
5	Union Nut	1	
6	Seat	1	● EPDM ● FKM

Size

Flange Type · TS Socket Type · Thread Type

Size		φd	φDu	Flange										TS socket								
A	B			JIS10K					ANSI					JIS		ASTM		DIN				
				L	φD	φC	n-φh	t	L	φD	φC	n-φh	t	L	φd1	ℓ	L	φd1	ℓ	L	φd1	ℓ
15	1/2	16	49	139	95	70	4-15	14	145	89	60.3	4-16	11.5	119	22.3	22	116	21.54	22.2	104	20.3	16
20	3/4	20	59	161	100	75	4-15	14	170	99	69	4-16	13	140	26.3	25	132	26.87	25.4	121	25.3	19
25	1	25	67	175	125	90	4-19	14	183	108	79.5	4-16	14.5	151	32.3	29	146	33.65	28.6	133	32.3	22
32	1 1/4	32	98	231	135	100	4-19	16	-	-	-	-	-	205	38.4	32	205	42.42	31.8	201	40.3	26
40	1 1/2	40	98	232	140	105	4-19	16	246	128	98.4	4-16	19	205	48.5	35	203	48.56	35.0	194	50.3	31
50	2	50	120	260	155	120	4-19	20	279	152	120.6	4-19	19.5	235	60.6	38	227	60.63	38.1	228	63.3	38
65	2 1/2	65	150	379	175	140	4-19	22	344	177	139.5	4-19	22.5	309	76.6	61	272	73.38	44.5	272	75.3	44
80	3	78	150	407	185	150	8-19	22	401	193	152.4	4-19	27.1	335	89.6	64	296	89.31	47.6	297	90.3	51
100	4	102	228	570	210	175	8-19	24	524	230	190.5	8-19	29.3	480	114.7	84	424	114.76	57.2	428	110.4	61

Thread						φDu	Weight(kg/unit)			
JIS:Rc	ANSI:NPT		DIN:Rp,Rc				PVC		HT(CPVC)	
ℓ	L	ℓ	L	ℓ	L	Flange	TS Socket	Flange	TS Socket	
13	117	16.5	117	15.0	117	49	0.4	0.1	0.4	0.1
15	137	17.0	137	16.5	137	59	0.5	0.2	0.5	0.2
17	148	21.0	148	19.0	148	67	0.7	0.3	0.8	0.3
19	208	22.0	208	22.0	208	98	1.2	0.8	1.3	0.8
19	203	22.0	203	22.0	203	98	1.2	0.7	1.3	0.7
23	237	23.0	237	26.0	237	120	1.9	1.2	2.0	1.2
27	294	31.0	286	31.0	286	150	3.7	2.5	3.9	2.6
37	320	37.0	319	37.0	320	150	3.8	2.2	4.1	2.3
36	458	35.0	447	40.0	447	228	11.0	8.3	11.7	8.6

		Minimum operating pressure(Gasket:EPDM)								
		Unit : kPa								
		Size(A)								
		15	20	25	32	40	50	65	80	100
Vertical piping	Min.opened pressure	5			10					
	Min.closed pressure	30						50		
Horizontal piping	Min.opened pressure	1		2						
	Min.closed pressure	30						50		

※ The pressure in the above table has tolerance.