

JIS

ANSI/ASTM

DIN/ISO

ESLON FOOT VALVE



TS Socket Type
Thread Type

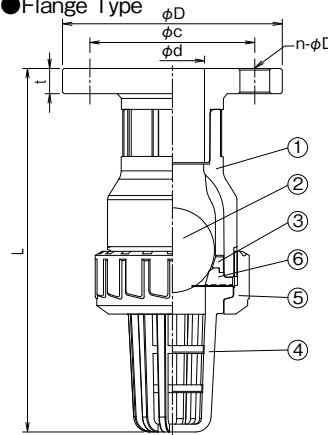
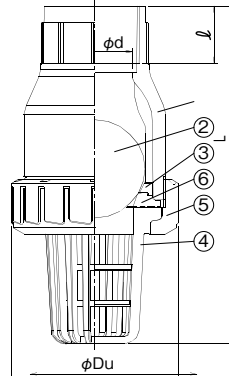
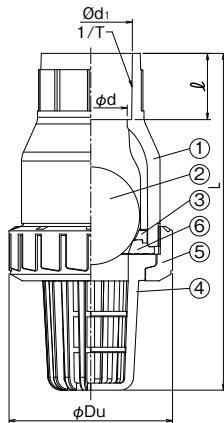
Flange Type

- 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.

● TS Socket Type

● Thread Type

● Flange Type



Parts List

No.	Part Name	Q'ty	Material
①	Body	1	PVC or HT
②	Ball	1	PVC or HT
③	Sheet career	1	PVC or HT
④	Filter	1	PVC or HT
⑤	Union Nut	1	PVC or HT
⑥	Seat	1	EPDM or FKM

Conforming Standard

Connection	Standard	Classification
Socket	JIS	JIS K 6743, AS21(65A)
	ASTM	ASTM D2467
	DIN/ISO	DIN8063
Thread	JIS	JIS B 0203 (Rc)
	ANSI	ANSI B1.20.1 (NPT)
	DIN/ISO	DIN2999 (Rc/Rp)

Size

Thread Type and TS Socket Type

Unit:mm

Size		φd	φDu	L			TS Socket		Female Thread		Flange				Weight(kg/pc)				Q'ty per Carton		
A	B			TS	Thread	Flange	φd ₁	1/T	ℓ	Size	ℓ	D	C	n-φh	t	PVC		HT		TS-Thread	Flange
															TS-Thread	Flange	TS	Flange			
15	1/2	16	49	119	117	139	22.3	1/37	22	Rc 1/2	18	95	70	4-15	14	0.1	0.4	0.1	0.4	12	1
20	3/4	20	59	140	137	161	26.3	1/42	25	Rc 3/4	21	100	75	4-15	14	0.2	0.5	0.2	0.5	12	1
25	1	25	67	151	148	175	32.3	1/43	29	Rc 1	24	125	90	4-19	14	0.3	0.7	0.3	0.8	12	1
32	1 1/4	32	98	205	208	231	38.4	1/37	32	Rc 1 1/4	30	135	100	4-19	16	0.8	1.2	0.8	1.3	4	1
40	1 1/2	40	98	205	203	232	48.5	1/38	35	Rc 1 1/2	31	140	105	4-19	16	0.7	1.2	0.7	1.3	4	1
50	2	50	120	235	237	260	60.6	1/34	38	Rc 2	38	155	120	4-19	20	1.2	1.9	1.2	2.0	4	1
65	2 1/2	65	150	313	294	360	76.6	1/48	61	Rc 2 1/2	44	175	140	4-19	22	2.5	3.7	2.6	3.9	2	1
80	3	78	150	335	320	407	89.6	1/49	64	Rc 3	37	185	150	8-19	22	2.2	3.8	2.3	4.1	2	1
100	4	102	228	488	458	579	114.7	1/56	84	Rc 4	55	210	175	8-19	24	8.3	11.0	8.6	11.7	1	1

Minimum Operating Pressure

Unit:kPa

Piping	Size (A)	Unit:kPa								
		15	20	25	32	40	50	65	80	100
Vertical Piping	Min.Opened Pressure	5			10					50
	Min.Closed Pressure	30							50	
Horizontal Piping	Min.Opened Pressure	1			2					50
	Min.Closed Pressure	30							50	

*The pressure in the above table has tolerance.

Usable Liquid Temperature & Maximum Working Pressure

Material	Usable Temperature(°C)	Max. Working Pressure at Room Temp(MPa)
PVC	0~50	1.0
HT	0~90	1.0

*The pressure in the above table has tolerance.