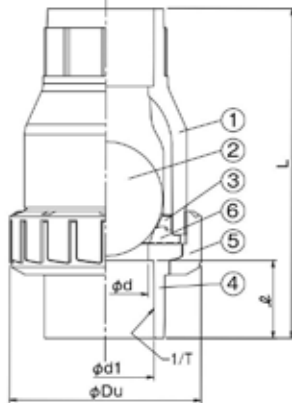


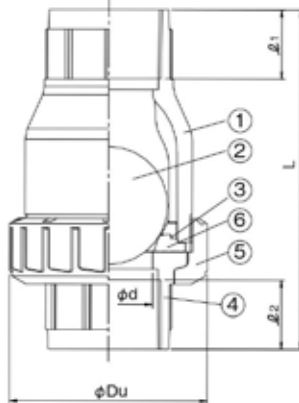


- Low pressure loss and reliable checking performance even with small differential pressure.
- Superior corrosion & chemical resistance as all plastic component for contact parts with medium.
- Easy maintenance by detaching union nut.

#### ● TS Socket Type



#### ● Thread Type



#### Parts List

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

#### Size

#### Thread Type and TS Socket Type

Size		d	L		TS Socket			Female Thread			φDu	Weight(kg/pc)		Q'ty per Carton
A	B		TS	Thread	d1	1/T Taper	ℓ	Size	ℓ <sub>1</sub>	ℓ <sub>2</sub>		PVC	HT	
15	1/2	16	98	88	22.3	1/37	22	Rc1/2	18	18	49	0.1	0.1	24
20	3/4	20	118	106	26.3	1/42	25	Rc3/4	21	18	59	0.2	0.2	24
25	1	25	124	112	32.3	1/43	29	Rc 1	24	23	67	0.3	0.3	24
32	1 1/4	32	153	149	38.4	1/37	32	Rc1-1/4	30	31	98	0.6	0.6	4
40	1 1/2	40	153	144	48.5	1/38	35	Rc1-1/2	31	25	98	0.5	0.5	4
50	2	50	180	172	60.6	1/34	38	Rc 2	38	30	120	0.8	0.8	4
65	2 1/2	65	259	226	76.6	1/48	61	Rc2-1/2	44	32	150	2.2	2.2	2
80	3	78	281	251	89.6	1/49	64	Rc 3	37	37	150	2.4	2.5	2
100	4	102	408	349	114.7	1/56	84	Rc 4	55	45	228	6.8	6.8	1

#### Minimum Operating Pressure

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		

#### 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. Esilon check valve swing type or lift type may be usable in those cases.
- Turbulent flow might disable checking by irregular ball bouncing.
- Fluid containing slurry, solid, sediment, or crystallized fluid might disable checking and sealing.

#### 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

#### Conforming Standard

Connection	Standard	Classification
Socket	JIS	JIS K 6743, AS21(85A)
	ASTM	ASTM D2467
	DIN/ISO	DIN8063
Thread	JIS	JIS B 0203
	ANSI	ANSI B1.20.1
	DIN/ISO	DIN2999