



JIS ANSI/ASME DIN



Operating Temperature(°C)

PVC	0 ~ 50
PP	0 ~ 80
PVDF	0 ~ 100



ESLON CHECK VALVE SWING TYPE

Feature

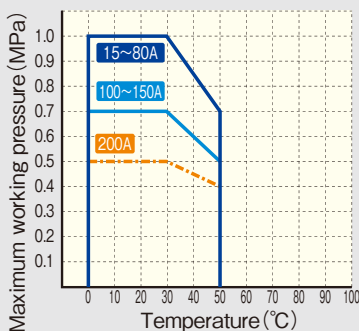
- Low pressure loss and reliable checking performance even with small differential pressure.
- Superior durability and high pressure resistance.
- Superior corrosion & chemical resistance as all plastic component for contact parts with medium.
- Light weight in 1/4 - 1/5 of cast-iron valve provides easier handling and installation.

⚠ Important Notes

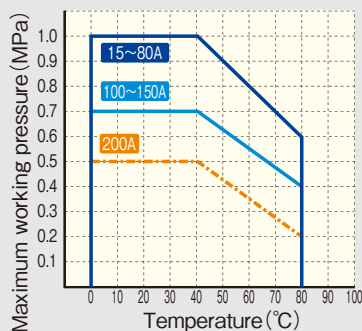
- Fluid containing slurry, solid, sediment, or crystallized fluid might disable sealing.
- Match the arrow on the valve body to the flow direction when install the valve, For horizontal piping, install the valve with bonnet upward

Maximum Working Pressure - Temperature Rating

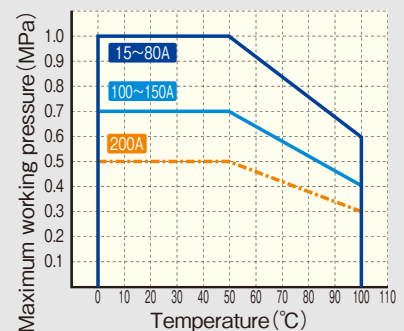
Body material : PVC



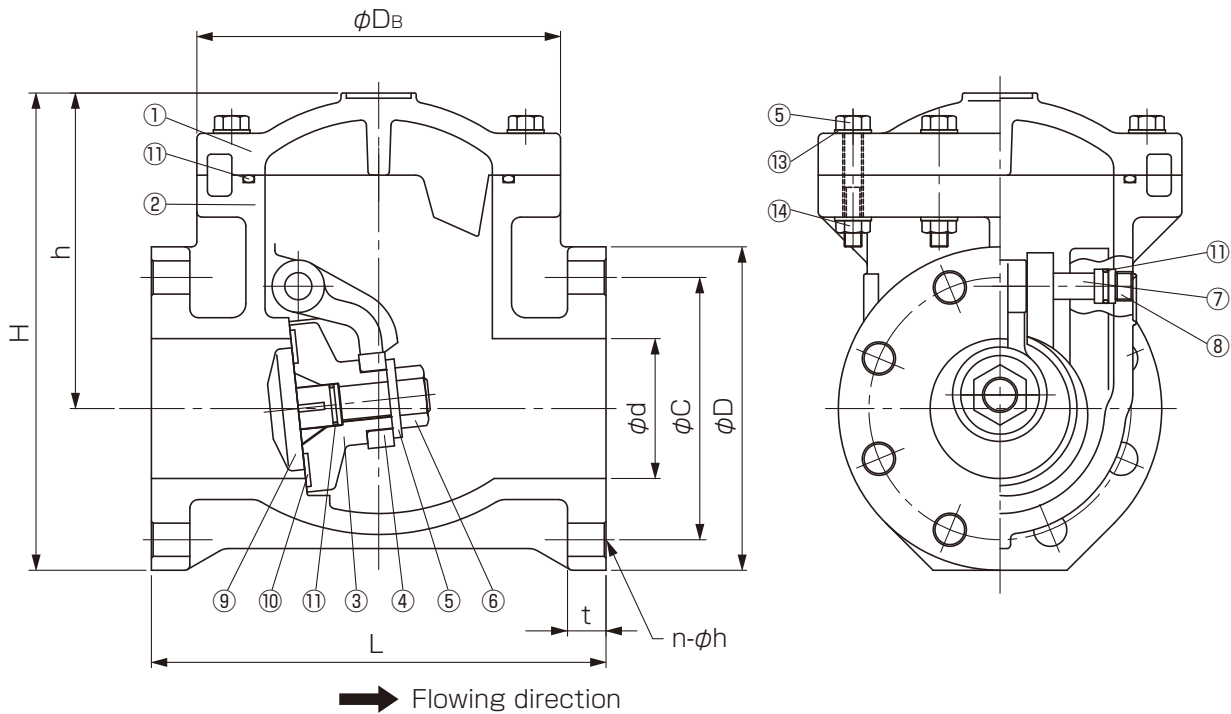
Body material : PP



Body material : PVDF



Figure



Parts List

No.	Part Name	QTY	Material	No.	Part Name	QTY	Material
1	Cover	1	● PVC ● PP ● PVDF	9	Gasket Holder*	1	● PVC ● PP ● PVDF
2	Body	1		10	Gasket	1	● EPDM ● PTFE
3	Disc	1		11	O-Ring	1	● EPDM ● FKM
4	Arm	1		12	Hexagon Bolt	6	SUS304
5	Washer	1		13	Washer	12	SUS304
6	Hexagon Nut	1		14	Hexagon Nut	6	SUS304
7	Shaft	1					
8	Plug	1					

* PP body in sizes 15-25A & 150A, 200A; Gasket Holder is PVDF

Size

Size		d	L	H	h	D _B	FLANGE												Weight(kg/unit)		
A	B						JIS10K				ANSI				DIN				PVC	PP	PVDF
							ϕD	ϕC	n- ϕh	t	ϕD	ϕC	n- ϕh	t	ϕD	ϕC	n- ϕh	t			
15	1/2	21	140	143	93	112	100	70	4-15	14	—	—	—	—	—	—	—	1.0	0.8	1.3	
20	3/4	21	140	143	93	112	100	75	4-15	14	100.0	70.0	4-16	14	105	75.0	4-14	14	1.0	0.8	1.3
25	1	25	160	180	118	132	125	90	4-19	14	108.0	79.5	4-16	14	115	85.0	4-14	14	1.6	1.3	2.2
32	1 1/4	40	180	206	136	148	140	100	4-19	18	127.0	89.5	4-16	18	140	100.0	4-18	18	2.7	1.9	3.3
40	1 1/2	40	180	206	136	148	140	105	4-19	18	127.0	98.5	4-16	18	140	110.0	4-18	18	2.7	1.9	3.3
50	2	51	200	229	152	180	155	120	4-19	20	152.0	120.5	4-19	20	165	125.0	4-18	20	3.6	3.0	4.5
65	2 1/2	67	240	254	166	200	175	140	4-19	22	178.0	139.5	4-19	22	185	145.0	4-18	22	4.8	3.8	6.0
80	3	80	260	270	178	208	185	150	8-19	22	190.5	152.5	4-19	22	200	160.0	8-18	22	5.8	4.3	7.5
100	4	100	300	318	213	265	210	175	8-19	24	229.0	190.5	8-19	24	220	180.0	8-18	24	9.4	7.3	11.8
125	5	125	350	372	247	330	250	210	8-23	24	254.0	216.0	8-23	24	250	210.0	8-18	24	16.4	12.7	21.0
150	6	150	400	420	280	375	280	240	8-23	26	280.0	241.5	8-23	26	285	240.7	8-22	26	20.1	16.0	26.0
200	8	200	500	494	329	425	330	290	12-23	30	343.0	298.5	8-23	30	340	295.0	8-22	30	31.7	27.0	44.0

1. Size 15A is same as 20A and Size 32A is same as 40A, it is fabricated to long bolt hole of the flange.

Minimum operating pressure(Gasket:EPDM)

Size(A)		15	20	25	32	40	50	65	80	100	125	150	200
Vertical piping	Min.opened pressure	10											
	Min.closed pressure	30											40
Horizontal piping	Min.opened pressure	10											
	Min.closed pressure	30					40					50	

※ The pressure in the above table has tolerance.