

JIS10K

# ESLON GATE VALVE

Internal Thread Type External Thread Type

Internal Thread Type



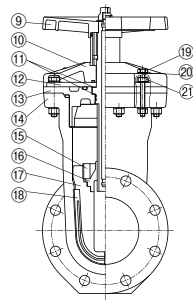
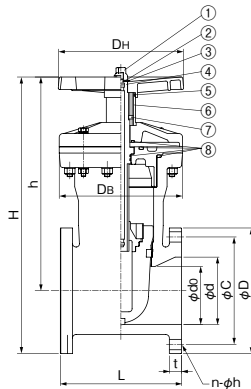
External Thread Type



- Reliable sealing performance as unique U-O type seat with low stem torque.
- Superior durability and high pressure resistance.
- Flat flow path provide little sediment and no pressure loss.
- Flat at the bottom of flange for prevention of tumbling and for better workability in plumbing.

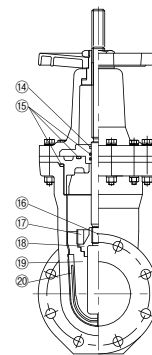
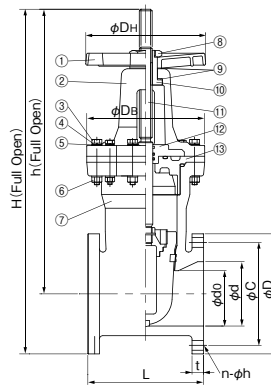
Internal Thread Type

- Superior corrosion & chemical resistance as all plastic component for contact parts with medium.
- Built in indicator for open-close position.



External Thread Type

- Usable for slurry or crystalline fluid.



**Important Notes**

Fluid containing slurry, solid, sediment, or crystallized fluid might disable sealing.

● Please insert washers for bolts and nuts for prevention of damage on flange. Please observe the following precautions so as not to damage valve body by bolt end.  
1. Please use short nuts conforming JIS-III and washers. 2. Please select bolt length to remain 1 pitch of bolt thread after installation.

**Parts List**

No.	Part Name	Q'ty	Material	No.	Part Name	Q'ty	Material
①	Cap Nut,Washer	1	SUS	⑫	Thrust Plate	1	SUS304
②	Gasket Stopper	1	PP	⑬	Bonnet	1	HI-PVC
③	Gasket	1	EPDM	⑭	Body	1	HI-PVC
④	Shaft	1	HT-PVC+SS	⑮	Lock Ring	1	HI-PVC
⑤	O-ring	1	EPDM	⑯	Female Connector	1	HT
⑥	Indicator Cover	1	PC	⑰	Disc	1	HI-PVC+EPDM
⑦	Indicator	1	PVC	⑱	Seat	2	EPDM
⑧	O-ring	5	EPDM	⑲	Bolt	-	SUS304
⑨	Handle	1	PVC	⑳	Washer	-	SUS304
⑩	Gasket Box	1	HI-PVC	㉑	Nut	-	SUS304
⑪	Thrust Washer	-	PP				

No.	Part Name	Q'ty	Material	No.	Part Name	Q'ty	Material
①	Handle	1	PVC	⑪	Shaft	1	SUS304
②	Yoke	1	HI-PVC	⑫	Seal Plate	1	HI-PVC
③	Bolt	-	SUS304	⑬	Bonnet	1	HI-PVC
④	Spring Washer	-	SUS304	⑭	Dust Seal	2	NBR
⑤	Washer	-	SUS304	⑮	O-ring	4	EPDM
⑥	Nut	-	SUS304	⑯	Set Pin	1	SUS304
⑦	Body	1	HI-PVC	⑰	Lock Ring	1	HI-PVC
⑧	Lock Nut	1	CAC406	⑱	Connector	1	CAC406
⑨	Thrust Ring	2	PP	⑲	Disc	1	HI-PVC
⑩	Sleeve	1	CAC406	⑳	Seat	1	EPDM

•Quantity of ⑪ bolts, nuts, and washers differ depending on size of valve.  
•Thrust plate is attached only for 50, 80 - 200A. No thrust plate for 65A.

•Quantity of ③ - ⑥ differ depending on size of valve.

**Size**

Size		d	do	L	H		h		D <sub>H</sub>	D <sub>B</sub>	Flange (JIS 10K)				Rotation Times to Close		Weight (kg/pc)		Q'ty per Carton
A	B				Internal Thread	External Thread	Internal Thread	External Thread			D	C	n-φh	t	Internal Thread	External Thread	Internal Thread	External Thread	
40	1 1/2	40	40	165	-	403	-	333	140	140	140	105	4-19	20	-	11	-	3.8	1
50	2	50	50	180	364	447	286	369	170	152	155	120	4-19	20	5 1/8	12 3/4	4.3	5.5	1
65	2 1/2	65	65	190	414	528	327	440	170	174	175	140	4-19	22	6 3/4	16 2/4	5.8	7.5	1
80	3	75	75	200	431	557	338	465	170	183	185	150	8-19	22	6 3/4	14 1/4	7.0	9.0	1
100	4	100	100	230	520	662	415	557	210	226	210	175	8-19	24	8 1/4	18 1/2	12.7	15.0	1
125	5	125	115	250	581	778	456	662	210	255	250	210	8-23	25	9 1/2	21 1/4	18.3	19.0	1
150	6	150	128	270	633	830	493	690	280	275	280	240	8-23	26	9 1/4	19 3/4	23.5	27.0	1
200	8	200	168	290	752	1012	586	847	280	347	330	290	12-23	28	12	26 1/4	40.1	40.5	1

**Usable Liquid Temperature & Maximum Working Pressure**

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

**Conforming Standard**

Connection	Standard	Classification
Flange	JIS10K	JIS B 2220

•For flange, dimension of bolt holes conforming the standards