

GATE VALVE SOFT SEAL TYPE (TYPE S) TYPE 66

- COMPATIBLE WITH THE JAPAN WATER WORKS ASSOCIATION STANDARD (JWWA B125 SYNTHETIC RESIN SOFT SEAL SLUICE VALVE), THE VALVE CAN BE SAFELY USED FOR WATER DISTRIBUTION/SUPPLY. (SIZE: 50 mm, 75 mm, 100 mm, 150 mm)
- EQUIPPED WITH OVER-TIGHTENING PREVENTION MECHANISM TO PREVENT ACCIDENTS DUE TO EXCESSIVE TIGHTENING.
- THE CHANNEL SURFACE FREE FROM IRREGULARITIES ALLOWS FOR SMOOTH FLOW. THE RUBBER SOFT SEAL ENSURES EXCELLENT WATER TIGHTNESS.
- COMPACT DESIGN ALLOWS FOR SHALLOW DEPTH MOUNTING.

BASIC SPECIFICATIONS

VALVE TYPE — GATE VALVE SOFT SEAL TYPE (TYPE S)
SOFT SEAL VALVE TYPE 66

SIZE — 32 mm—150 mm (1 1/4 inch—6 inch)

BODY MATERIAL — HI-PVC

SEAL MATERIAL / SEAT — SBR NBR

O-RING — EPDM

CONNECTION / FLANGED — JIS10K, DIN, ANSI

THREADED — Rc, Rp, NPT

	FLUID TEMPERATURE	MAXIMUM WORKING PRESSURE (NORMAL TEMPERATURE) MPa(kgf/cm ²)	CONNECTION METHOD	
			FLANGED	THREADED
HI-PVC	-10°C ~ 50°C	1.0 (10.2)	○	○

NOTES (1) The products of a size of 40 mm are registered as valves certified by the Quality Certification Center, Japan Water Works Association. (2) The maximum working pressure is the value including the water hammer pressure. Be careful that the maximum working pressure is not exceeded during use. (3) 32 mm type is processed from 40 mm.

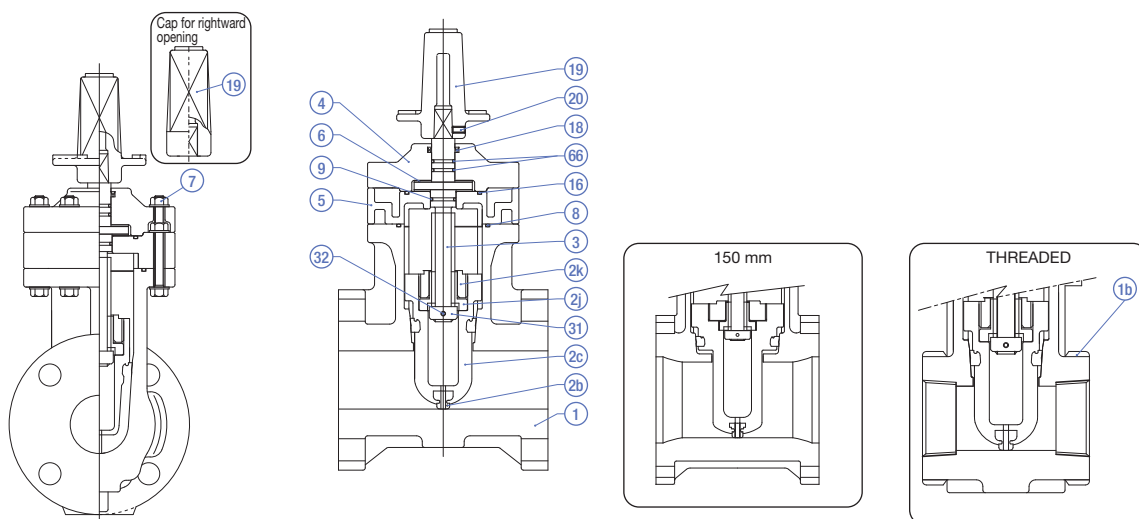
* Concerning the allowable pressure for each temperature and material, see the technical documents at the end of this catalog.



MANUAL



PARTS LIST MANUAL



PART NO. / NAME	QTY	MATERIAL	PART NO. / NAME	QTY	MATERIAL	PART NO. / NAME	QTY	MATERIAL
① BODY	1	HI-PVC	④ BONNET (LID) (A)	1	HI-PVC	⑱ DUST SEAL	1	EPDM
①b RING	1 SET	STPG	⑤ BONNET (LID) (B)	1	HI-PVC	⑲ CAP (A)	1	FCD450
②b SEAT	1	SBR, NBR	⑥ THRUST RING	1 SET	PP	⑳ SET SCREW (B)	1	SUS304
②c GATE (BODY) (A)	1	U-PVC, HI-PVC	⑦ BOLT/NUT (A)	—	SUS304	㉑ STOPPER	1	SUS304
② INTERNAL THREAD DEFLECTOR	1	C3604	⑧ O-RING (B)	1	SBR, NBR	㉒ PIN (A)	1	SUS304
②k DEFLECTOR RETAINER	1	HI-PVC	⑨ O-RING (C)	1	SBR, NBR	㉓ O-RING (H)	1 SET	EPDM
③ STEM	1	SUS304	⑱ O-RING (D)	1	EPDM			

NOTES For 30 mm and 40 mm, the cap (A) is coated with epoxy powder (white).

PRODUCT MODEL CODE LIST

MANUAL

ACTUATION	TYPE	OPERATING SYSTEM	STEM MATERIAL / OPEN DIRECTION	BODY MATERIAL	SEAL MATERIAL	CONNECTION / STANDARD	SIZE
V	S6	C	*	I	S	*	***
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
V MANUAL VALVE	S6 TYPE 66	C TOP CAP	R SUS, RIGHT L SUS, LEFT	I HI-PVC	S SBR	F1 FLANGED, 10K FD FLANGED, DIN FA FLANGED, ANSI NJ THREADED, JIS ND THREADED, DIN NA THREADED, ANSI	032 32mm ? 150 150mm

NOTES

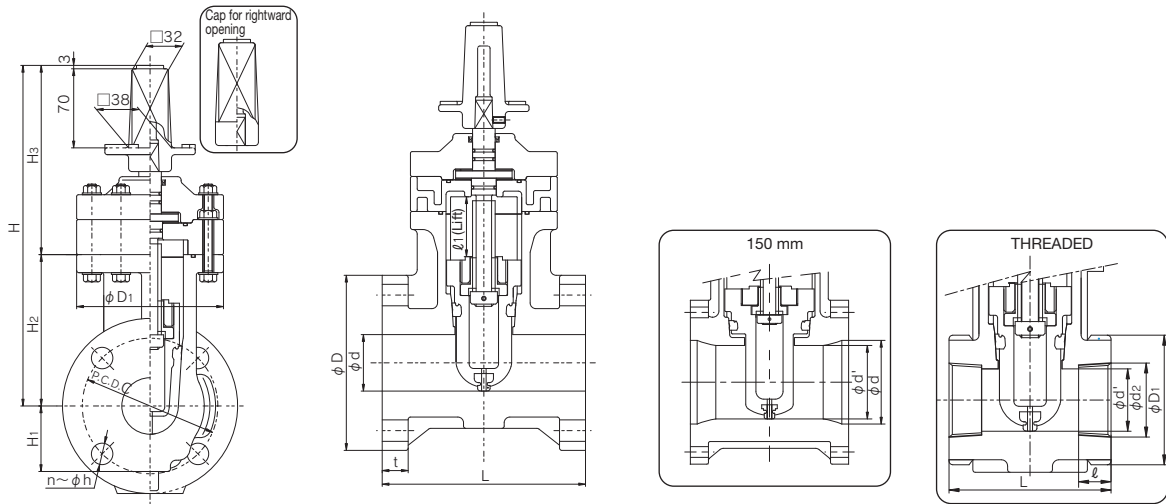
- Tapping type is the standard for all the cases.
- For those compatible with the waterworks standard, size 32 mm, 65 mm and 125 mm are not available.
- The product model code of size 80 mm compatible with the waterworks standard is "075".

MANUAL

GATE VALVE SOFT SEAL TYPE (TYPE S) SOFT SEAL VALVE TYPE 66

TYPE—VS6C

CONNECTION / FLANGED—JIS, DIN, ANSI THREADED—Rc, Rp, NPT



■ JIS, DIN (Unit: mm)

mm	d	d'	D1	LIFT ℓ	H	H1	H2	H3	JIS																
									FLANGED							THREADED									
									JIS 10K							WATERWORKS									
32	40	30	120	42	268	50	107	161	D	C	n	h	L	t	D	C	n	h	L	t	D1	d2	ℓ	L	
40	40	—	120	42	268	50	107	161	135	100	4	19	165	22	—	—	—	—	—	—	—	90	Rc 1 1/4	22	115
50	50	—	130	53	300	58	134	166	140	105	4	19	165	22	—	—	—	—	—	—	—	90	Rc 1 1/2	25	115
75(80)	75	—	170	77	361	77	170	191	155	120	4	19	180	23	—	—	—	—	—	—	—	102	Rc 2	28	130
100	100	—	195	102	414	89	207	207	185	150	8	19	200	25	—	—	—	—	—	—	—	—	—	—	—
150	150	130	270	132	496.5	102	263	233.5	210	175	8	19	230	27	—	—	—	—	—	—	—	—	—	—	—
									280	240	8	23	270	28	—	—	—	—	—	—	—	—	—	—	—

DIN

mm	FLANGED										THREADED			
	DIN PN10										D1	d2	ℓ	L
	D	C	n	h	n1	M	L	t						
32	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	150	110	4	18	—	—	165	22	90	Rp 1 1/2	25	115	—	—
50	165	125	4	18	—	—	180	23	90	Rp 2	28	130	—	—
75(80)	200	160	8	18	—	—	240	25	—	—	—	—	—	—
100	220	180	8	18	—	—	250	27	—	—	—	—	—	—
150	285	240	8	22	—	—	280	27	—	—	—	—	—	—

■ ANSI (Unit: inch)

inch	mm	d	d'	D1	LIFT ℓ	H	H1	H2	H3	ANSI										
										FLANGED							THREADED			
										ANSI Class150							d2	ℓ	L	
1 1/2	40	1.57	1.18	4.72	1.65	10.55	1.97	4.21	6.34	D	C	n	h	n1	M	L				t
2	50	1.57	—	4.72	1.65	10.55	1.97	4.21	6.34	6.00	4.75	4	0.75	—	—	7.00	0.91	2-11 1/2NPT	1.10	5.12
3	75(80)	1.97	—	5.12	2.09	11.81	2.28	5.28	6.54	7.00	6.00	4	0.75	—	—	8.00	0.98	—	—	—
4	100	2.95	—	6.69	3.03	14.21	3.03	6.69	7.52	9.00	7.50	8	0.75	—	—	9.00	1.06	—	—	—
6	150	3.94	—	7.68	4.02	16.30	3.50	8.15	8.15	11.00	9.50	8	0.88	—	—	10.50	1.06	—	—	—