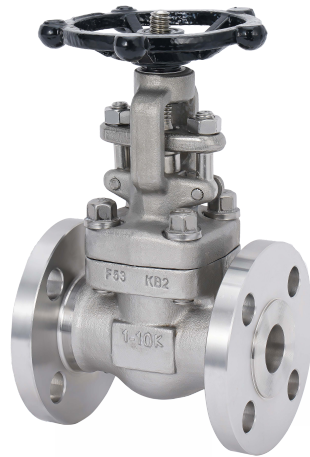


JIS CAST STEEL GATE VALVE



FEATURES & SPECIFICATIONS

PN: JIS 10K / 20K

Size: 1-1/2"~20" (40A~500A)

Full bore design

OS&Y, outside screw and yoke

Rising stem and non-rising hand wheel

BB, bolted bonnet

Flexible wedge (1-1/2"~2" solid) , fully guided

Choice of solid or split wedge

Renewable seat rings

Forged T-head stem

By pass on request

Available with gear operator

Design: JIS B2073 / B2083

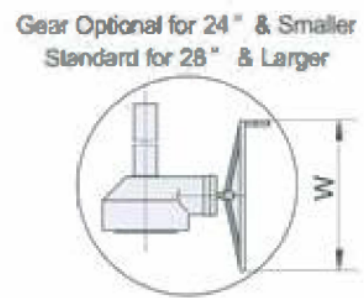
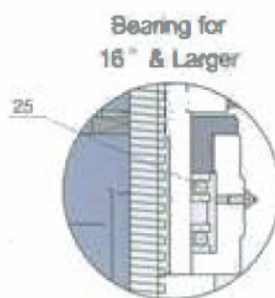
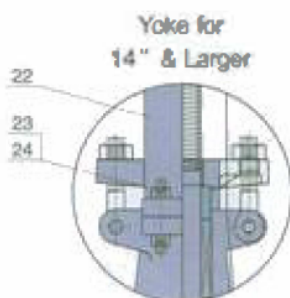
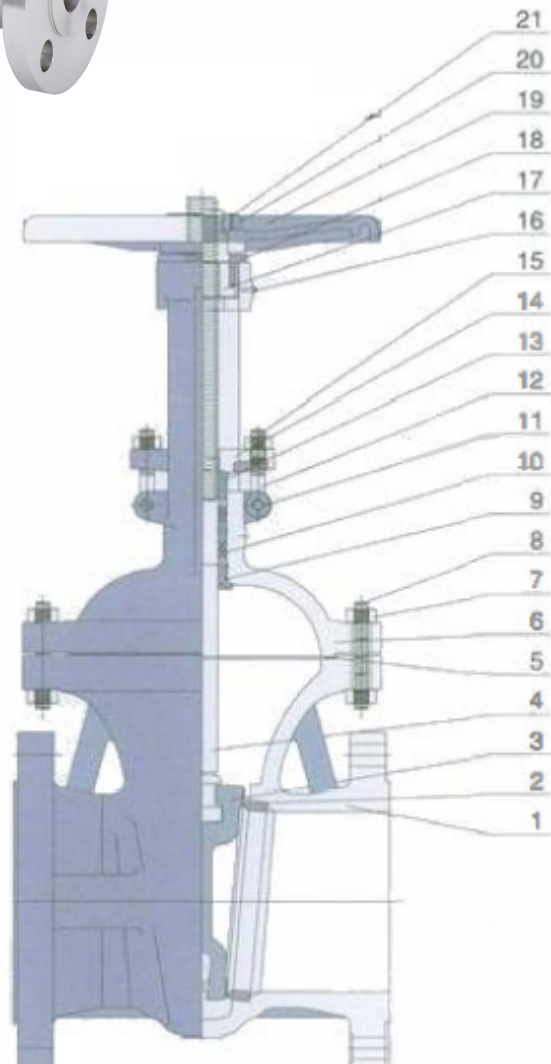
Face to face: JIS B2002

End flange: JIS B2212 / B2214

Inspection & testing: JIS B2003

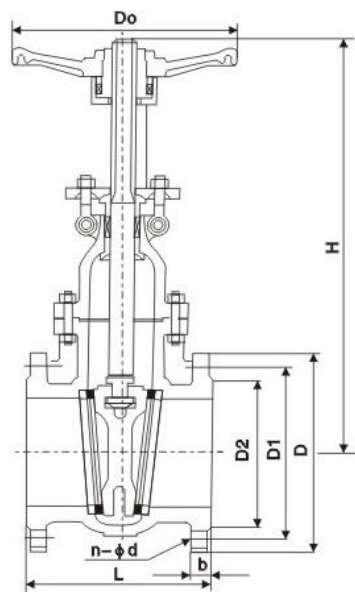
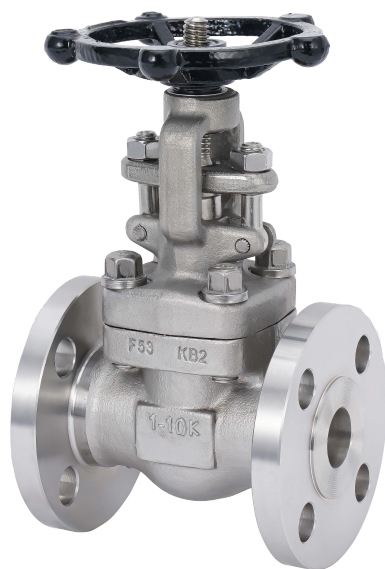
Applicable medium: water, oil, gas

Applicable temperature: -29°C~+425°C



MAIN PARTS AND MATERIALS

ITEM	PARTS	MATERIALS
1	Body	ASTM A216 GR.WCB
2	Seat Ring	ASTM A105 + Stellite Faced
3	Disc	ASTM A216 GR.WCB+13Cr Faced
4	Stem	ASTM A182 GR.F6
5	Gasket	Soft Iron + Graphite
6	Bonnet	ASTM A216 GR.WCB
7	Bonnet Bolt Nuts	ASTM A194 GR.2H
8	Bonnet Bolts	ASTM A193 GR.B7
9	Backseat Bushing	ASTM A276 Type 410
10	Stem Packing	Braided Graphite & Die Formed Graphite Ring
11	Eye Bolt Pins	Die formed Graphite Ring Carbon Steel
12	Gland Eye Bolts	ASTM A307 GR.B
13	Gland	ASTM A276 Type 410
14	Gland Flange	ASTM A216 GR.WCB
15	Eye Bolt Nuts	ASTM A194 GR.2H
16	Grease Nipple	Carbon Steel
17	Stem Nut	ASTM A439 GR.D-2
18	Retaining Nut	Carbon Steel
19	Hand wheel	Ductile Iron
20	Hand wheel Nut	Carbon Steel
21	Screw	Carbon Steel
22	Yoke	ASTM A216 GR.WCB
23	Yoke Pan Bolt Nuts	ASTM A194 GR.2H
24	Yoke Pan Bolts	ASTM A193 GR.B7
25	Bearing	Steel



DIMENSIONS & WEIGHTS

JIS10K

Size		L		H		Do		D		D1		D2	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
1-1/2"	40	6.50	165	10.00	250	6.30	160	5.50	140	4.15	105	3.20	81
2"	50	7.00	178	16.00	409	7.00	180	6.00	155	4.70	120	3.78	96
2.5"	65	7.50	190	21.00	535	8.00	200	7.00	175	5.50	140	4.60	116
3"	80	8.00	203	22.50	570	8.00	200	7.28	185	6.00	150	5.00	126
4"	100	9.00	229	23.00	590	9.00	220	8.27	210	7.00	175	6.00	151
5"	125	10.00	254	24.00	610	11.00	280	10.00	250	8.30	210	7.20	182
6"	150	10.50	267	25.00	630	12.00	300	11.00	280	9.45	240	8.35	212
8"	200	11.50	292	38.00	960	12.50	320	13.00	330	11.40	290	10.30	262
10"	250	13.00	330	45.50	1158	14.00	350	16.00	400	14.00	355	12.80	324
12"	300	14.00	356	54.00	1378	18.00	450	17.50	445	16.00	400	14.50	368
14"	350	15.00	381	61.00	1543	20.00	500	19.30	490	17.50	445	16.30	413
16"	400	16.00	406	68.50	1738	24.00	600	22.00	560	20.00	510	18.70	475
18"	450	17.00	432	77.00	1959	24.00	600	24.41	620	22.25	565	21.00	530
20"	500	18.00	457	87.00	2214	27.00	680	26.60	675	24.50	620	23.00	585

DIMENSIONS & WEIGHTS

JIS20K

Size		L		H		Do		D		D1		D2	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
1-1/2"	40	6.50	165	10.00	250	6.30	160	5.50	140	4.15	105	3.20	81
2"	50	7.00	216	19.00	480	8.00	200	6.00	155	4.70	120	3.78	96
2.5"	65	9.60	241	20.10	510	10.00	250	7.00	175	5.50	140	4.60	116
3"	80	11.45	283	22.84	580	11.00	280	7.28	200	6.00	160	5.00	132
4"	100	12.20	305	27.56	700	14.00	350	8.86	225	7.28	185	6.00	160
6"	150	15.87	403	37.00	940	16.00	400	12.00	305	10.24	260	9.06	230
8"	200	16.50	419	46.85	1190	18.00	450	14.00	350	12.00	305	10.83	275
10"	250	18.00	457	54.75	1390	20.00	500	17.00	430	15.00	380	13.58	345
12"	300	20.00	502	64.00	1600	20.00	500	19.00	480	17.00	430	15.55	395
14"	350	30.00	762	70.00	1750	24.00	600	21.26	540	19.00	480	17.32	440
16"	400	33.00	838	76.00	1900	24.00	600	23.82	605	21.26	540	19.50	495
18"	450	36.00	914	91.34	2320	26.00	650	26.60	675	23.82	605	22.00	560

Notes:

As we are constant endeavoring to improve the performance of our equipment.

The company reserves the right to make alteration from time to time and equipment differ from that detailed in this brochure.