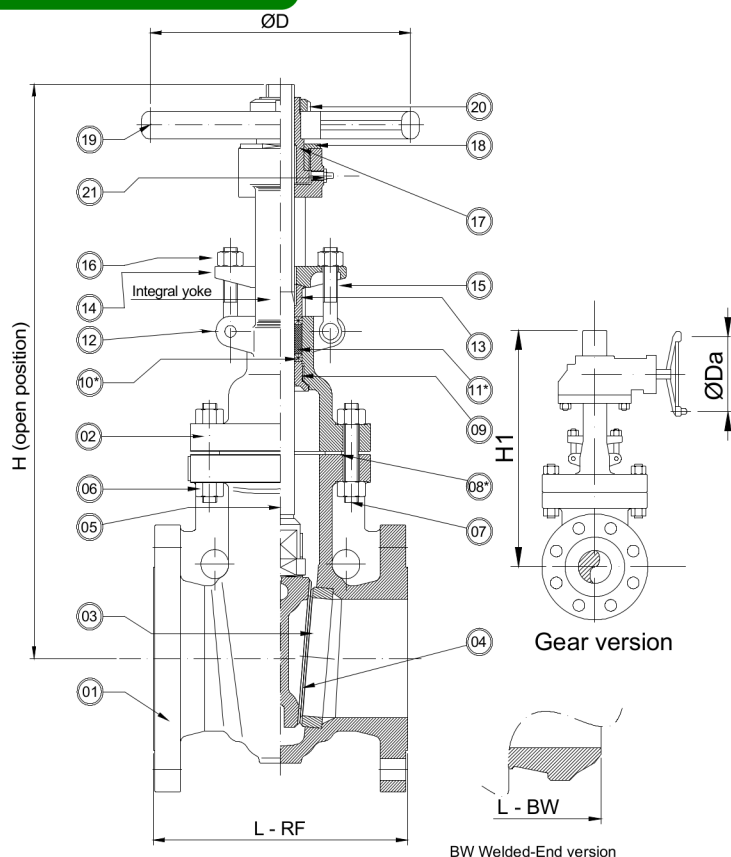


150 Lbs



BASIC DESIGN STANDARDS

Basic Design	API 600 / ANSI B16.34
Face to Face Dimension	ANSI B16.10
Flanges	Up to 24" ANSI B16.5 From 26" MSS SP44 ANSI B16.47 API 605
Butt-weld ends	ANSI B16.25
Testing	API 598

STANDARD DESCRIPTION

- Outside Screw & Yoke
- Bolted Bonnet with integral yoke up to Ø 8"
- Bolted Bonnet with bolted yoke from Ø 10"
- Welded Seat Ring
- Flexible Wedge from Ø 2" and greater
- Available with Gear Operator
- Special features according to Customer's requirement

TEST PRESSURE TO API 598 Psi/bar

Shell (water)	Seat (water)	Seat (air)
450 / 30	314 / 22	80 / 5,5

* Recommended Spare Parts

		TRIM NUMBER AS PER API 600										
No	Part Name	1	2	8	5	9	10	12	16			
03	Seat Ring	410	304	STL Gr.6	STL Gr.6	MONEL	316	STL Gr.6	STL Gr.6			
04	Wedge			410	STL Gr.6			316	STL Gr.6			
05	Stem			410	410				316			
09	Backseat											
	Lantern Ring											
13	Gland											

BILL OF MATERIALS STANDARD ACCORDING TO ASTM

		Carbon Steel		Alloy Steel		Stainless Steel			
No	Part Name	WCB	LCB	WC6	C5	CF8	CF8M	CF3	CF3M
01	Body	A216 WCB	A352LCB	A217WC6	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
02	Bonnet	A216 WCB	A352 LCB	A217 WC6	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
06	Bonnet Bolts	A193-B7	A320-L7	A193-B16		A193-B8			
07	Bonnet Nuts	A194-2H	A194-4	A194-4		A194-8			
08	Body / Bonnet Gasket	304 SS + Graphite inhibited							
10-11	Stem Packing	Braided and Flexible Graphite							
12	Eyebolts Pin	A276-410							
14	Gland Flange	A216 WCB	A352 LCB	A217 WC6	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
15	Gland Eyebolts	A193-B7	A320-L7	A193-B16		A193-B8			
16	Gland Nuts	A194-2H	A194-4	A194-4		A194-8			
17	Stem Nut	ASTM A439-D2							
18	Retaining Nut	Carbon Steel		410					
19	Hand Wheel	Ductile Iron or Steel							
20	Hand Wheel Nut	Carbon Steel				410			
21	Grease Nipple	Stainless Steel							

CAST STEEL GATE VALVES

150 Lbs

SIZE		DIMENSION in mm						WEIGHT	
Inches	mm	L (RF)	L (BW)	H Open	H1	Ø D	Ø Da	Kg (HANDWHEEL)	Kg (GEAR OPERATOR)
2"	50	178	216	390	-	200	-	20	-
2-1/2"	65	190	241	520	-	250	-	24	-
3"	80	203	282	530	-	250	-	36	-
4"	100	229	305	605	-	300	-	53	-
6"	150	267	403	780	-	300	305	85	-
8"	200	292	419	973	-	350	305	144	-
10"	250	330	457	1160	-	400	305	197	-
12"	300	356	502	1415	1465	500	305	265	291
14"	350	381	572	1532	1585	560	305	490	516
16"	400	406	610	1765	1825	560	305	553	585
18"	450	432	660	1965	2025	600	460	640	689
20"	500	457	711	2130	2195	640	460	810	850
22"	550	508	762	2385	2450	700	460	990	1040
24"	600	508	813	2565	2630	700	460	1400	1466

For Face-to-Face dimension L (RTJ), add +13 mm from size 2" up to 24"

CAST STEEL GATE VALVES CLASS 150#