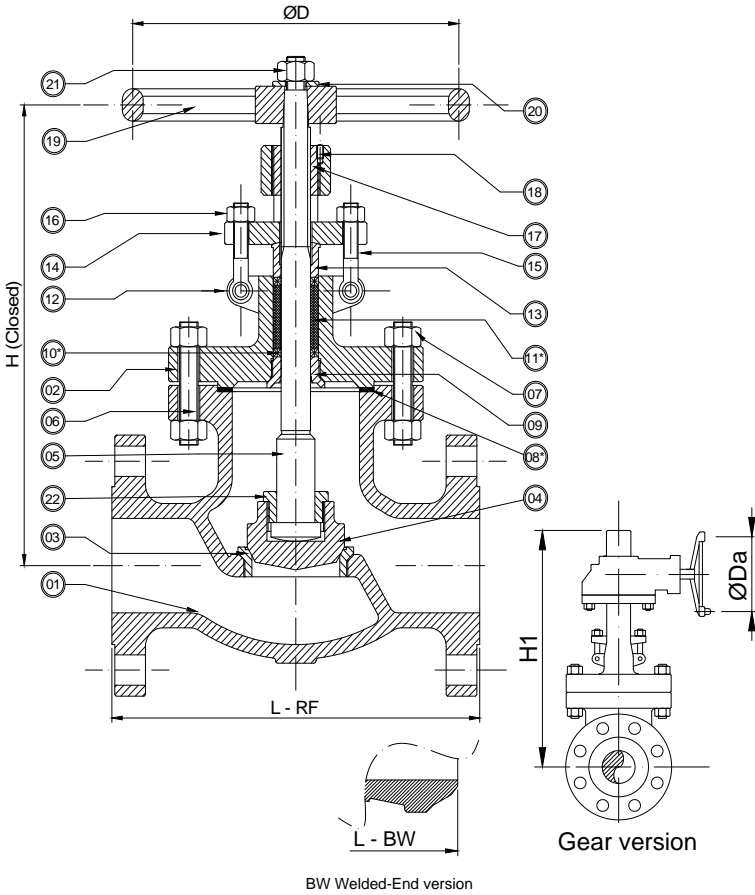


CAST STEEL GLOBE VALVES

150 Lbs

DT-CDV-150



BASIC DESIGN STANDARDS

Basic Design BS 1873 / 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 – Rising Stem
- Rising Hand Wheel
- Bolted Bonnet Joint
- Screwed Seat Ring up to Ø 6"
- Welded Seat Ring from Ø 8"
- Swivel Plug Disc Standard Type
- 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			STL Gr.6	STL Gr.6			STL Gr.6	STL Gr.6
04	Disc			410	STL Gr.6				STL Gr.6
05	Stem								
09	Backseat	410	304			MONEL	316	316	316
	Lantern Ring			410	410				
13	Gland								
22	Disc Nut								

BILL OF MATERIALS STANDARD ACCORDING TO ASTM									
No	Part Name	Carbon Steel		Alloy Steel		Stainless Steel			
		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	Stem Nut Screw	Carbon Steel						410	
19	Hand Wheel	Ductile Iron or Steel							
20	Washer	Carbon Steel				410			
21	Hand Wheel Nut	Stainless Steel							

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150 Lbs

SIZE		DIMENSION in mm						WEIGHT	
Inches	mm	L (RF)	L (BW)	H Closed	H1	Ø D	Ø Da	Kg (HANDWHEEL)	Kg (GEAR OPERATOR)
2"	50	203	203	380	-	200	-	22	-
2-1/2"	65	216	216	415	-	245	-	30	-
3"	80	241	241	390	-	285	-	40	-
4"	100	292	292	470	-	285	-	60	-
6"	150	406	406	540	-	400	-	105	-
8"	200	495	495	605	-	600	-	170	-
10"	250	622	622	860	900	600	305	315	341
12"	300	698	698	935	975	600	460	475	525
14"	350	787	787	1070	1090	700	460	580	630
16"	400	914	914	1150	1160	1000	610	790	890
18"	450	978	978	1205	1275	1000	610	1020	1120
20"	500	978	978	-	1420	-	610	1250	1540
22"	550	1067	1067	-	1570	-	610	-	-
24"	600	1295	1295	-	1720	-	610	1960	2260

CAST STEEL GLOBE VALVES CLASS 150 #