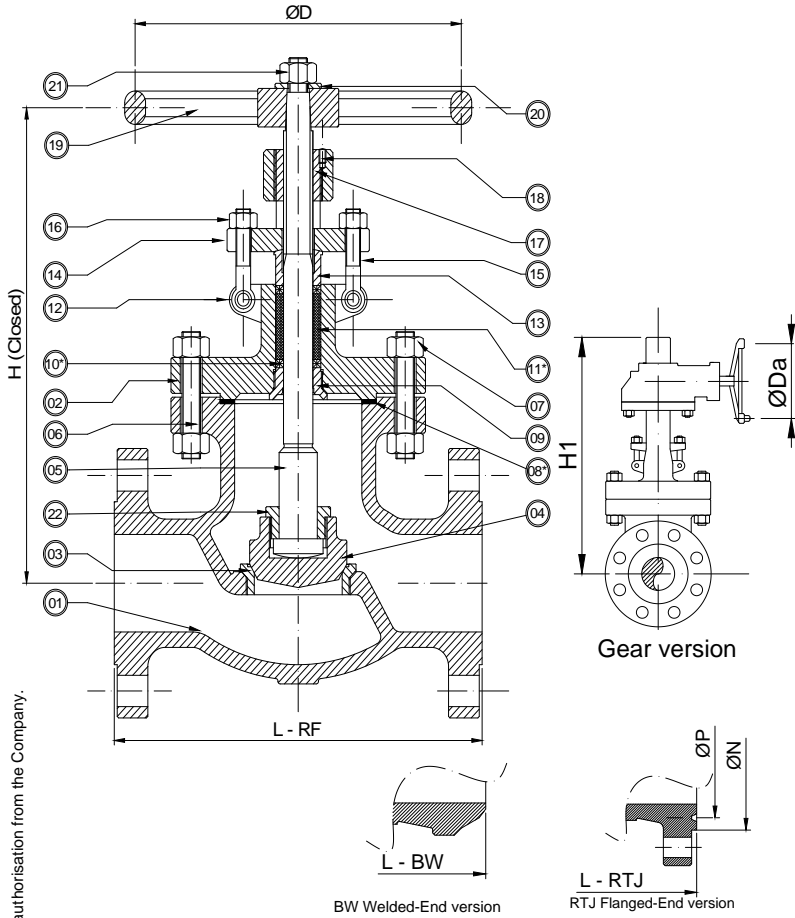


# CAST STEEL GLOBE VALVES

**1500 Lbs**

**DT-CDV-1500**



**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)
5630 / 388	4120 / 284	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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1500 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	368	368	595	-	450	-	87	-
3"	80	470	470	595	-	450	-	122	-
4"	100	546	546	708	-	500	-	182	336
6"	150	705	705	890	-	560	-	434	478
8"	200	832	832	1240	-	720	-	730	780
10"	250	991	991	1651	-	810	-	1231	1291

For Face-to-Face dimension L (RTJ), add +3 mm from size 2" up to 18"

**CAST STEEL GLOBE VALVES CLASS 1500 #**