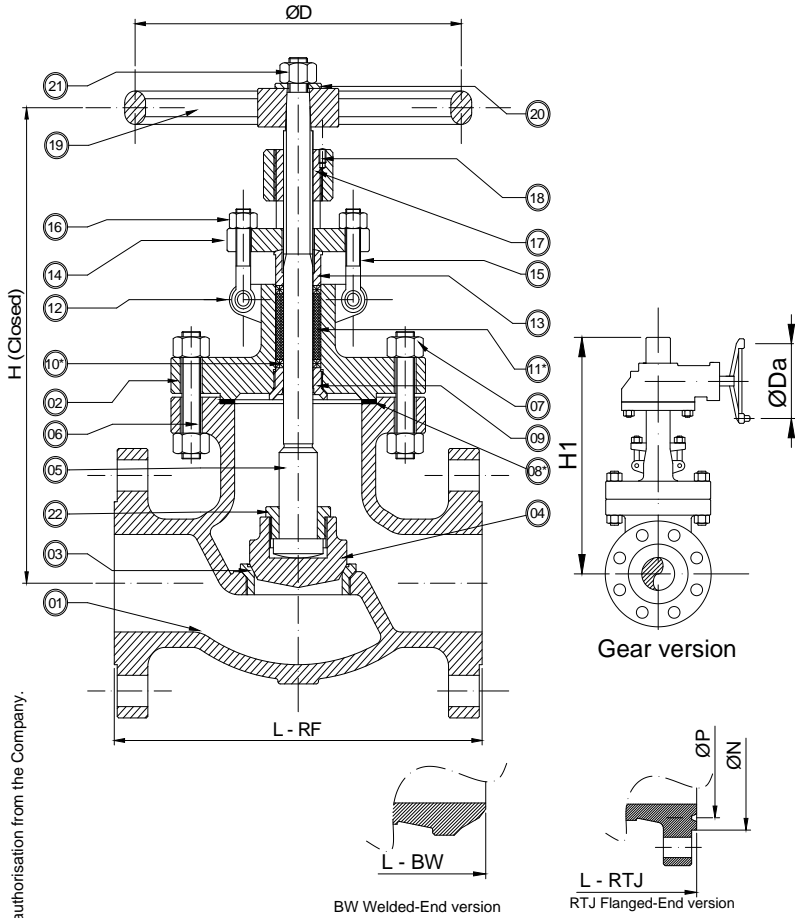


# CAST STEEL GLOBE VALVES

**600 Lbs**

**DT-CDV-600**



**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)
2250 / 155	1650 / 114	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	
	Lantern Ring			410	410				316
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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# CAST STEEL GLOBE VALVES

**600 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	292	292	445	-	250	-	45	-
2-1/2"	65	330	330	-	-	-	-	52	-
3"	80	356	356	540	-	320	-	77	-
4"	100	432	432	645	-	450	305	125	151
6"	150	559	559	808	-	600	460	327	376
8"	200	660	660	945	990	700	610	496	594
10"	250	787	787	1050	1100	700	610	720	1010
12"	300	838	838	1215	1218	1000	610	1070	1360

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

**CAST STEEL GLOBE VALVES CLASS 600 #**