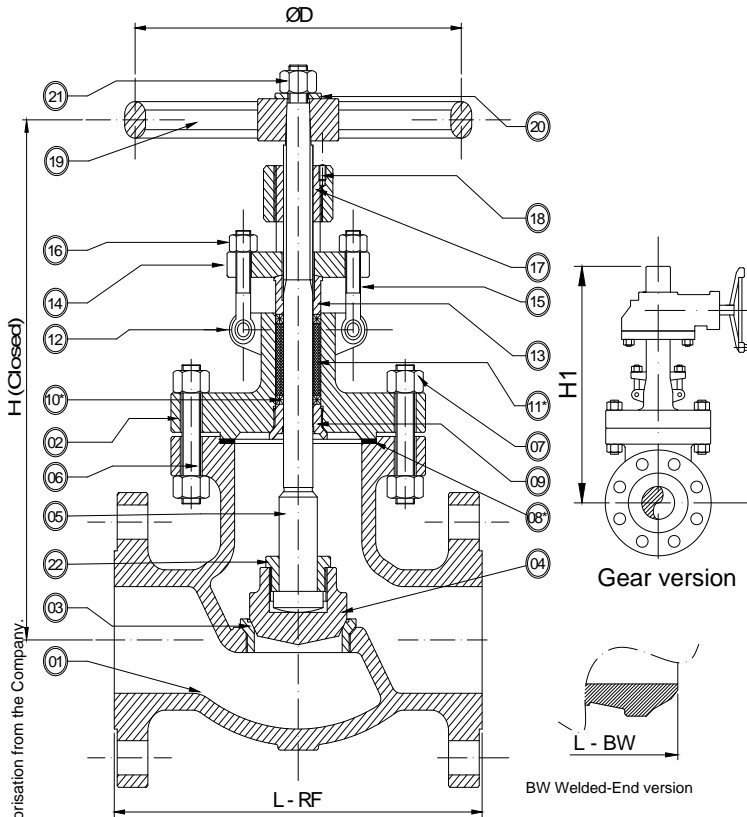


# CAST STEEL GLOBE VALVES

300 Lbs

DT-CDV-300



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)
1125 / 78	825 / 57	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				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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## 300 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	267	267	385	-	200	-	28	-
2-1/2"	65	292	292	460	-	245	-	40	-
3"	80	318	318	430	-	285	-	54	-
4"	100	356	356	495	-	285	-	75	-
6"	150	444	444	590	635	450	305	155	181
8"	200	559	559	800	845	600	460	310	359
10"	250	622	622	915	960	700	610	485	583
12"	300	711	711	1040	975	700	610	690	788

For Face-to-Face dimension L (RTJ), add +16 mm from size 2" up to 12"

**CAST STEEL GLOBE VALVES CLASS 300 #**