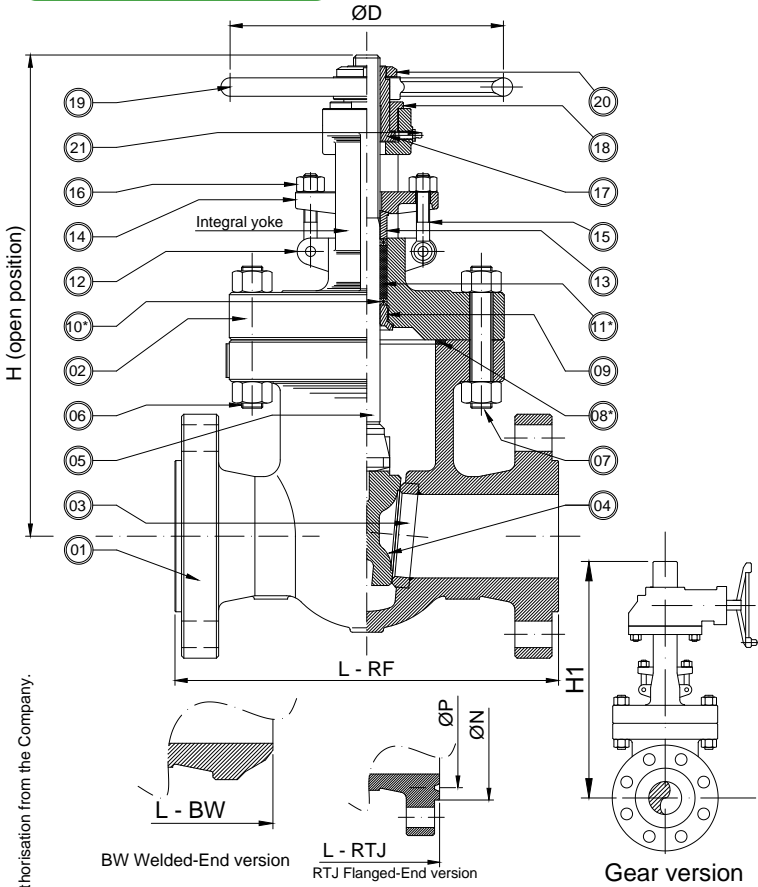


CAST STEEL GATE VALVES

900 Lbs

DT-CGV-900



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 6"
- Bolted Bonnet with bolted yoke from Ø 8"
- 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)
3370 / 232	2470 / 170	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	Wedge			410	STL Gr.6				STL Gr.6
05	Stem								
09	Backseat	410	304		410	MONEL	316	316	
	Lantern Ring			410	410				316
13	Gland								

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	Retaining Nut	Carbon Steel				410			
19	Hand Wheel					Ductile Iron or Steel			
20	Hand Wheel Nut	Carbon Steel				410			
21	Grease Nipple	Stainless Steel							

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900 Lbs

SIZE		DIMENSION in mm						WEIGHT	
Inches	mm	L (RF)	L (BW)	H Close	H1	Ø D	Ø Da	Kg (HANDWHEEL)	Kg (GEAR OPERATOR)
2"	50	368	368	397	-	250	-	90	-
3"	80	381	381	523	-	400	-	123	-
4"	100	457	457	538	573	450	-	148	198
6"	150	610	610	759	790	500	500	420	472
8"	200	737	737	883	913	640	640	650	710

For Face-to-Face dimension L (RTJ), add +3 mm from size 2" up to 18"
add +6 mm for size 20", add +10 mm for sizes 22" and 24"

CAST STEEL GATE VALVES CLASS 900 #