

# CAST STEEL GATE VALVES BOLTED BONNET CLASS 150/300

## PRODUCT TECHNICAL DETAILS

### Features

- OS&Y type, Bolted bonnet. Flexible wedge.
- Design Std. API 600 /ANSI 16.34 .
- Testing as per API 598/ EN ISO12266-1.
- Face to Face Dimension as per B 16.10.
- Valves with back seat arrangement.
- Flange Drilling as per ANSI B16.5 RF Serrated / Buttweld ends as per B16.25



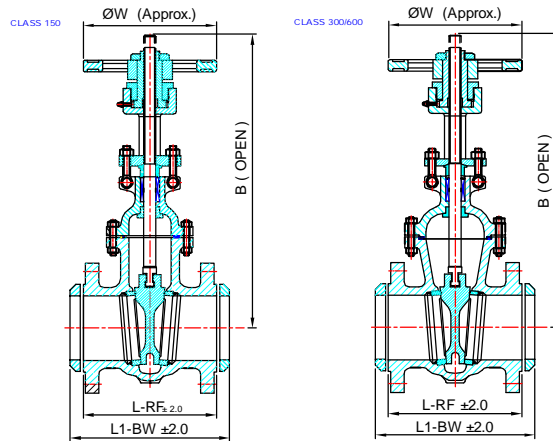
### On Request

- API 6D Design.
- Locking arrangement.
- Solid wedge.
- Gear/Electrical Actuator.
- NACE as per MR-01-75.
- Stellite Hard face.
- For low temp & Cryogenic Service as per BS 6364.
- Jacketed valves.

## MATERIALS

Sr.No	Part Name	Material Option
01	Body	ASTM A216 WCB/A217 WC6, WC9, C5, C12/A351 CF8, CF8M, CF3, CF3M/A352 LCB/A890 DUPLEX
02	Bonnet	ASTM A216 WCB/A217 WC6, WC9, C5, C12/A351 CF8, CF8M, CF3, CF3M/A352 LCB/A890 DUPLEX
03	Wedge	ASTM A216 WCB/A217 WC6, WC9, C5, C12/A351 CF8, CF8M, CF3, CF3M/A352 LCB/A890 DUPLEX
04	Seat Rings	ASTM A216 WCB/A217 WC6, WC9, C5, C12/A351 CF8, CF8M, CF3, CF3M/A352 LCB/A890 DUPLEX
05	Stem	ASTM A276 SS410/SS 304/SS 304L/SS 316/SS 316L/DULPEX
06	Gland	ASTM A276 SS410/SS 304/SS 304L/SS 316/SS 316L/DULPEX
07	Gland Flange	ASTM A216 WCB/A217 WC6, WC9, C5, C12/A351 CF8, CF8M, CF3, CF3M/A352 LCB/A890 DUPLEX
08	Yoke sleeve	ASTM A439 D2/ASTM A473 416 /S.G.IRON
09	Gland Packing	GRAFOIL/PTFE
10	Bonnet Gasket	SPIRAL WOUND SS304/304L/316/316L/321+GRAFOIL/PTFE
12	Body Stud	ASTM A193 B7/B7M/B8/B8M /B16/ASTM A320/L7
13	Body Nut	ASTM A194 2H/2HM/ 8/ 8M /ASTM A320/ 7
14	Hand Wheel	S.G.IRON/MALLEABLE IRON/CARBON STEEL

## DIMENSIONS



SIZE	L-RF ±2.0			L1-BW ±2.0			B-(OPEN)			ØW			WT.(APPROX) KG.		
	150	300	600	150	300	600	150	300	600	150	300	600	150	300	600
50 (2")	178	216	292	216	216	292	345	345	410	205	205	255	17	20	31
65 (2.1/2")	190	241	330	241	241	330	395	422	460	205	205	255	24	29	40
80 (3")	203	282	356	282	282	356	440	455	505	255	255	300	28	44	52
100 (4")	229	305	432	305	305	432	550	552	660	255	300	350	45	76	97
125 (5")	254	381	508	381	381	508	640	681	702	255	350	400	54	99	134
150 (6")	267	403	559	403	403	559	730	798	780	280	350	500	79	130	215
200 (8")	292	419	660	419	419	660	945	993	1110	350	450	600	128	216	356
250 (10")	330	457	787	457	457	787	1130	1220	1310	400	500	600	185	367	600
300 (12")	356	502	838	502	502	838	1380	1462	1500	450	600	*	280	478	827
350 (14")	381	762	889	572	762	889	1938	1615	1658	600	800	*	396	581	1240
400 (16")	406	838	991	610	838	991	2150	1900	1910	750	800	*	458	985	1710
450 (18")	432	914	1092	660	914	1092	2000	2050	2020	750	*	*	578	1190	2070
500 (20")	457	991	1194	711	991	1194	2230	2230	2280	800	*	*	730	1550	2425
600 (24")	508	1143	1397	813	1143	1397	2565	2600	2800	800	*	*	1300	1810	3900

### Notes:

- All Dimensions are in mm. ● \* Gear Operated suggested.
- Data provided for information only. subject to change without notice.