

# FORGED STEEL GATE, GLOBE, & LIFT CHECK VALVES BOLTED BONNET CLASS 800/1500

## PRODUCT TECHNICAL DETAILS

### Features

- OS&Y type, Bolted bonnet. Solid wedge.
- Design Std. API 602 / ISO 15761/ANSI 16.34.
- Testing as per API 598/ EN ISO 12266-1.
- Valves with integral back seat arrangement.
- Face to Face Dimension as per Mfr standard.
- Screwed to BSP as per BS21/ANSI/ASME B1.20 NPT.  
Socket welds to B16.11/ Buttweld ends as per B16.25



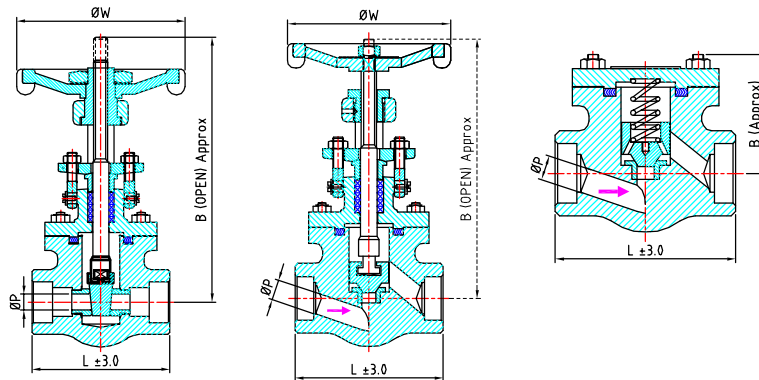
### On Request

- Full bore construction.
- Welded bonnet construction.
- Locking arrangement.
- NACE as per MR-01-75 / MR 0103.
- Stellite Hard Faces.
- For low temp & Cryogenic Service ( BS 6364)
- All Exotic Materials  
(Superduplex/Hastelloy/Monel/Incolloy).
- IBR VALVES.

## MATERIALS

Sr.No	Part Name	Material Option
01	Body	ASTM A105/182 F304, F304L, F316, F316L, F321, F5, F9, F11, 22, F44, F51, F53, F55/350 LF2
02	Bonnet	ASTM A105/182 F304, F304L, F316, F316L, F321, F5, F9, F11, 22, F44, F51, F53, F55/350 LF2
03	Wedge/Plug/Disc	ASTM A217 CA15/ASTM A351 CF8, CF8M, CF3, CF3M, SS321/A 182 F6a/Duplex
04	Seat Rings	ASTM A276 SS410/SS 304/SS 304L/SS 316/SS 316L/SS 321/Duplex
05	Stem	ASTM A276 SS410/SS 304/SS 304L/SS 316/SS 316L/SS 321/Duplex
06	Gland	ASTM A276 SS410/SS 304/SS 304L/SS 316/SS 316L/SS 321/Duplex
07	Gland Flange	ASTM A105/182 F304/ F316
08	Yokesleeve/Bush	ASTM A439 D2/ASTM A473 416 /S.G.IRON
09	Gland Packing	GRAFOIL/PTFE
10	Bonnet Gasket	SPIRAL WOUND SS304/304L/316/316L/321+GRAF OIL/PTFE
11	Eye bolt/Nut	ASTM A193 B7 A194 2H
12	Stud/Hex bolt	ASTM A193 B7/B7M/B8/B8M /B16/ASTM A320/L7
13	Nut	ASTM A194 2H/2HM/ B/ 8M /ASTM A320/ 7
14	Hand Wheel	S.G.IRON/MALLEABLE IRON/CARBON STEEL

## DIMENSIONS



**GATE VALVE-CLASS 800**

SIZE	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
ØP	9	12	17	23	28	36
L	85	90	103	128	128	140
B	161	175	191	261	268	278
ØW	96	96	110	150	150	150
W1 (APX)	2.2	2.9	3.9	7.9	7.5	9.5

**GLOBE VALVE-CLASS 800**

SIZE	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
ØP	9	12	17	23	26	32
L	85	90	103	128	128	140
B	169	180	195	260	265	278
ØW	96	96	110	150	150	150
W1 (APX)	2.2	2.9	3.9	7.9	7.5	9.5

**LIFT CHECK VALVE-CLASS 800**

SIZE	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
ØP	9	12	17	23	26	32
L	85	90	103	128	128	140
B	52	60	71	104	104	104
W1 (APX)	2.2	2.9	3.9	7.9	7.5	9.5

**GATE VALVE-CLASS 1500**

SIZE	1/2"	3/4"	1"	1.1/4"	1.1/2"
P	9	12	15	22	27
L	90	103	128	140	140
B	178	195	255	270	273
ØW	96	110	150	150	150
W1 (APX)	2.9	3.9	7.9	9.5	10

**GLOBE VALVE-CLASS 1500**

SIZE	1/2"	3/4"	1"	1.1/4"	1.1/2"
P	8	9	14	20	25
L	90	103	128	275	275
B	178	193	258	278	285
ØW	96	110	150	150	150
W1 (APX)	3.1	4.1	8.5	11	10.5

**LIFT CHECK VALVE-CLASS 1500**

SIZE	1/2"	3/4"	1"	1.1/4"	1.1/2"
P	8	9	14	20	25
L	90	103	128	275	275
B	60	71	104	114	114
W1 (APX)	2.5	3.5	7.1	9.1	9.5

### Notes:

- All Dimensions are in mm.
- For # 800 Reduced / #1500 Standard Bore.
- Data provided for information only. subject to change without notice.