

ORDERING GUIDE

Example: 4" Figure B150-1-BC-G2-L

B
15
0
-
1
-
BC
-
G
2
-
L

1. 2. 3. 4. 5. 6. 7. 8.

4" CLASS 150 FLOATING BALL VALVE, FLG-RF, FULL BORE, A216 WCB BODY x 316SS TRIM, RTFE SEAT, VITON AED O-RINGS, NACE, FIRESAFE, LEVER OP.

1. MODEL

A - FLOATING BALL, UNIBODY, REDUCED BORE
B - FLOATING BALL, SPLIT BODY, FULL BORE

C - FLOATING BALL, SPLIT BODY, REDUCED BORE

2. RATING

15 - CLASS 150
30 - CLASS 300
60 - CLASS 600

90 - CLASS 900 *
150 - CLASS 1500 *
* 1/2" - 1" SIZES ONLY

3. END CONNECTION

0 - RF FLANGED
7 - BUTTWELD (SCHEDULE REQUIRED)

9 - RING JOINT
X - SPECIAL

4. TYPE

1 - FIRE-SAFE

5. MATERIAL (BODY + TRIM)

AC - WCB + 304
BC - WCB + 316
CC - WCB + A105/ENP
DC - WCB + F6A/13CR
EC - LCC + LF2/ENP
FC - LCC + F6A/13CR
GC - LCC + 316

HC - LCB + LF2/ENP
IC - LCB + F6A/13CR
JC - LCB + 316
KC - CF8 + 304
LC - CF8M + 316
MC - CF3 + 304L

NC - CF3M + 316L
OC - CN7M + A/20
PC - A890-4A + F51
QC - A890-5A + F53
RC - A890-6A + F55
X - SPECIAL

6. MATERIAL (SEAT)

G - RTFE
B - NYLON
E - DEVLON

V - PEEK
J - DELRIN
M - METAL

X - SPECIAL

7. MATERIAL (O-RING SEAL)

1 - HNBR AED
2 - VITON AED
3 - VITON GLT AED

4 - EPDM
5 - AFLAS
6 - HNBR AED (Low Temp)

7 - PTFE + ELGILOY
8 - GRAPHITE
X - SPECIAL

8. OPERATOR

L - HANDWHEEL OPERATOR

GO - WORM GEAR OPERATOR

B - BARE STEM

9. SPECIAL REQUIREMENTS

EB - EXTENDED BONNET

S - SUPPLY COMPLETE INFORMATION

SPLIT BODY FLOATING BALL VALVE — Model B150/B300

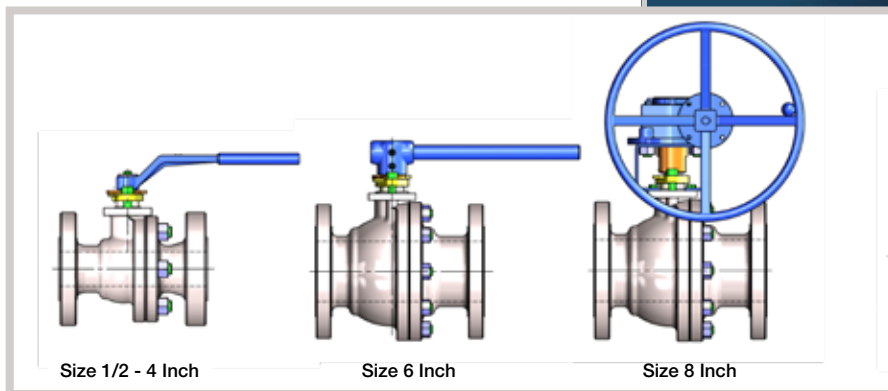
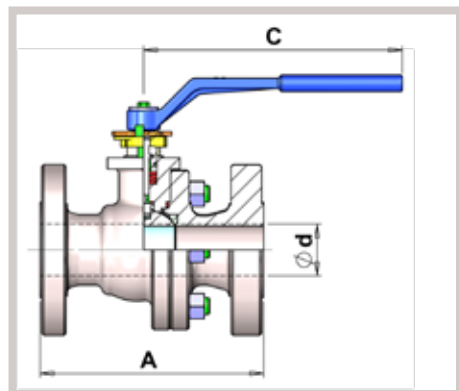
Construction

Split body, full bore, free floating ball, fire-safe certified to API-607, blow-out proof stem, cavity relieving seats, anti-static device, designed and tested according to ASME B16.34, BS5351 and API-6D.

Dimension

Face to Face	ASME B16.10 Long Pattern
End Flange	ASME B16.5
Rating	ASME Class 150-300

NACE MR-01-75 Certified



Standard Materials

Fig. No.	B150-1-BC-G1-L, B300-1-BC-G1-L	B150-1-LC-G1-L, B300-1-LC-G1-L
Body/Retainer	A216 WCB	A351 CF8M
Ball/Stem	316SS	316SS
Seats	RTFE	RTFE
O-Rings	HNBR	HNBR

Class 150

DIMENSIONS IN INCHES										
VALVE SIZE	1/2" 15mm	3/4" 20mm	1" 25mm	1-1/2" 40mm	2" 50mm	2-1/2" 65mm	3" 80mm	4" 100mm	6" 150mm	8" 200mm
Bore Size (d)	0.50	0.75	1.00	1.50	2.00	2.50	3.00	4.00	6.00	8.00
Face to Face (A)	4.25	4.625	5.00	6.50	7.00	7.50	8.00	9.00	15.50	18.00
Length of Lever (C)	5.91	5.91	5.91	9.84	9.84	9.84	13.78	18.11	29.53	-
Wheel Diameter (F)	-	-	-	-	-	-	-	-	-	23.62
Approx. Weight (lbs.)	5	7	10	20	26	35	56	80	172	378

Class 300

DIMENSIONS IN INCHES										
VALVE SIZE	1/2" 15mm	3/4" 20mm	1" 25mm	1-1/2" 40mm	2" 50mm	3" 80mm	4" 100mm	6" 150mm	8" 200mm	
Bore Size (d)	0.50	0.75	1.00	1.50	2.00	3.00	4.00	6.00	8.00	
Face to Face (A)	5.50	6.00	6.50	7.50	8.50	11.125	12.00	15.875	19.75	
Length of Lever (C)	5.91	5.91	5.91	9.84	9.84	13.78	18.11	29.53	-	
Wheel Diameter (F)	-	-	-	-	-	-	-	-	-	23.62
Approx. Weight (lbs.)	9	11	15	28	38	75	110	230	481	