FV-516 Investment Casting Carbon Steel (WCB) Ball Valve, Flanged Ends, Class-150

Features

Product Standard	BS EN 17292
Pressure / Class Rating	Class-150
Body Material Cum Standard	Cast Carbon Steel (ASTM A216 Gr. WCB)
Port Opening	Full Bore
Product Description	Three Piece Design, Lever Operated (Blow Out Proof Stem)
Type of Seat	Renewable Seat
Trim	Ball & Stem: Stainless Steel (AISI 304), PTFE Seats
End Details	Flanged Ends as per ASME B16.5 (Class-150) Raised Face (Drilled)
Test Pressure	Body: 30 Bar (Hyd.), Seat: 22 Bar (Hyd.), Seat: 7 Bar (Air)

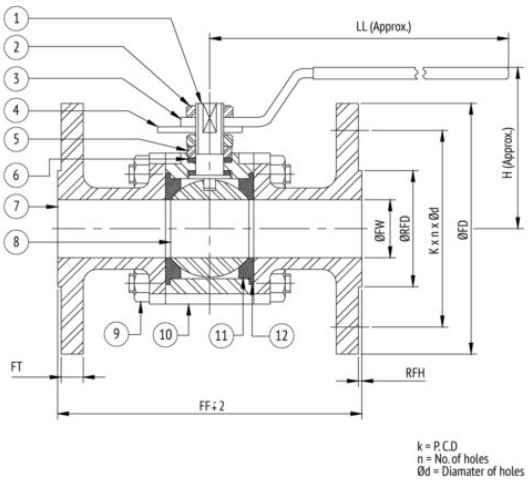


Notes
Suitable for steam service with specialized PTFE.
Can be provided with Glass Filled PTFE, Graphite Blended PTFE & PEEK Seats on request.
Actuator available on request.

Suitability
Water, Steam, Gas, Oil, Air

Material Combination

S.No	Description	No.	Material	Specifications
1	Stem	1	Stainless Steel	ASTM A 276 Type 410
2	Nut	1	Stainless Steel	ASTM A 276 Type 410
3	Lever (Plastic Sleeve)	1	Carbon Steel	–
4	Stopper	1	Carbon Steel	–
5	Gland	1	Stainless Steel	ASTM A 276 Type 410
6	Packing Ring	–	PTFE	–
7	Body Connector	2	Cast Carbon Steel	ASTM A216 Gr. WCB
8	Ball	1	Stainless Steel	AISI A 351 Gr. CF8
9	Studs / Bolts & Nuts	To Suit	Alloy Steel / HT Steel	ASTM A 193 Gr. B7
				ASTM A 194 Gr. 2H
10	Body	1	Cast Carbon Steel	ASTM A216 Gr. WCB
11	Seat	2	PTFE	–
12	Gasket	2	PTFE	–



Dimensional Data

Size (mm)	FF	FT	ØFW	ØRFD	RFH	ØFD	K	n	ØD	LL	H
15	108	7.9	11	35.1	1.5	89	60.5	4	5/8”	167	55
20	117	8.6	17	42.9	1.5	99	69.8	4	5/8”	167	60
25	127	9.7	23	50.8	1.5	108	79.2	4	5/8”	180	72
40	165	12.7	37	73	1.5	127	98.6	4	5/8”	206	90
50	178	14.2	49	91.9	1.5	152	120.6	4	3/4”	230	100
65	190	15.7	62	104.6	1.5	178	139.7	4	3/4”	400	155
80	203	17.5	74	127	1.5	190	152.4	4	3/4”	400	175
100	229	22.4	98	157.2	1.5	229	190.5	8	3/4”	450	195

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