

## FV-516A 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	Two 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

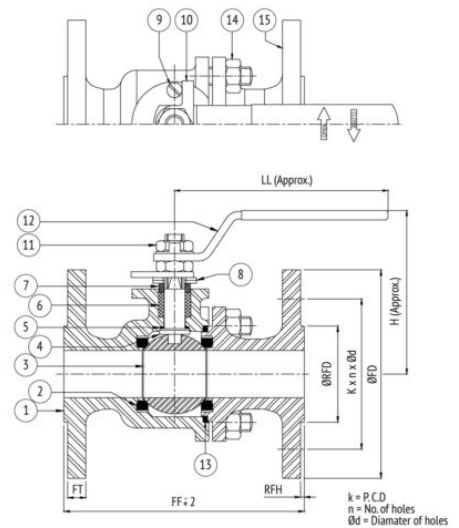
Suitable for steam service with specialized PTFE.  
Can be provided with Glass Filled PTFE, Graphite Blended PTFE & PEEK Seats on request.

### Suitability

Water, Steam, Gas, Oil, Air

### Material Combination

S.No	Description	No.	Material
1	Body	1	Cast Carbon Steel
2	Seat	2	PTFE with Graphoil
3	Ball	1	Stainless Steel
4	Stem	1	Stainless Steel
5	Stem Seal	1	Graphoil
6	Packing	-	PTFE with Graphoil
7	Gland	1	Stainless Steel
8	Disc Spring	2	Stainless Steel
9	Stopper Pin	1	Carbon Steel
10	Stopper	1	Carbon Steel
11	Locking Nut	2	Stainless Steel
12	Lever	1	Carbon Steel (with PVC Sleeve)
13	Gasket	1	Spiral Wound
14	Studs & Nuts	To Suit	Alloy Steel / HT Steel
15	Cap	1	Cast Carbon Steel



### Dimensional Data

Size (mm)	FF	FT	ØRFD	RFH	ØFD	K	n	ØD	LL	H
25	127	9.6	50.8	2	110	79.4	4	5/8"	140	102
40	165	12.7	73	2	125	98.4	4	5/8"	200	130
50	178	14.3	92.1	2	150	120.7	4	3/4"	200	145
65	191	15.9	104.8	2	180	139.7	4	3/4"	250	150
80	203	17.5	127	2	190	152.4	4	3/4"	400	175
100	229	22.3	157.2	2	230	190.5	8	3/4"	500	226
150	394	23.9	215.9	2	280	241.3	8	7/8"	800	274