FV-509 Investment Casting Stainless Steel (CF8M) Ball Valve, Flanged Ends, Class-150

Features

Testing Standard	BS EN 12266-Part 1
Pressure / Class Rating	Class-150
Body Material Cum Standard	Cast Stainless Steel (ASTM A351 Gr. CF8M)
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 316), 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)
Application Medium	Nitric Acid, Acetic Acid



Notes

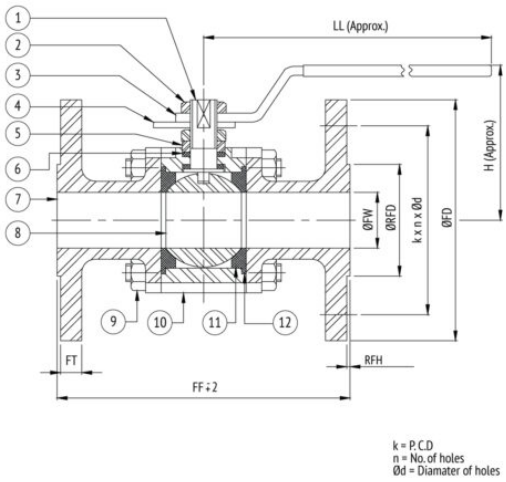
Suitable for steam service with specialized PTFE.
Can be provided with Glass Filled PTFE, Graphite Blended PTFE & PEEK Seats on request.

Suitability

Water, Steam, Gas, Oil, Air

Material Combination

S.No	Description	No.	Material	Specifications
1	Stem	1	Stainless Steel	ASTM A 276 Type 316
2	Nut	1	Stainless Steel	ASTM A 276 Type 316
3	Lever (with Plastic Sleeve)	1	Carbon Steel	–
4	Stopper	1	Carbon Steel	–
5	Gland	1	Stainless Steel	ASTM A 276 Type 316
6	Packing Ring	–	PTFE	–
7	Body Connector	2	Cast Stainless Steel	ASTM A 351 Gr. CF8M
8	Ball	1	Stainless Steel	ASTM A 351 Gr. CF8M
9	Stud / Bolts & Nuts	To Suit	Alloy Steel / H.T. Steel	ASTM A 193 Gr. B7/B8
				ASTM A 194 Gr. 2H/8
10	Body	1	Cast Stainless Steel	ASTM A 351 Gr. CF8M
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

Atam Valves Private Limited
1051, Outside Industrial Area,
Jalandhar – 144004. Punjab. INDIA

https://www.atamvalves.in

Phone : +91 181 5001111
Fax: +91 181 2290611
Email : sales@atamfebi.com