FV-515 Investment Casting Carbon Steel (WCB) Ball Valve, Screwed Ends, Class-800

Features

Product Standard	BS EN 17292
Pressure / Class Rating	Class-800
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	Screwed Female BSP Parallel Threads (BS-21), Socket Welded Ends as per ASME B16.11
Test Pressure	Body: 178 Bar (Hyd.), Seat: 76 Bar (Hyd.), Seat: 7 Bar (Air)

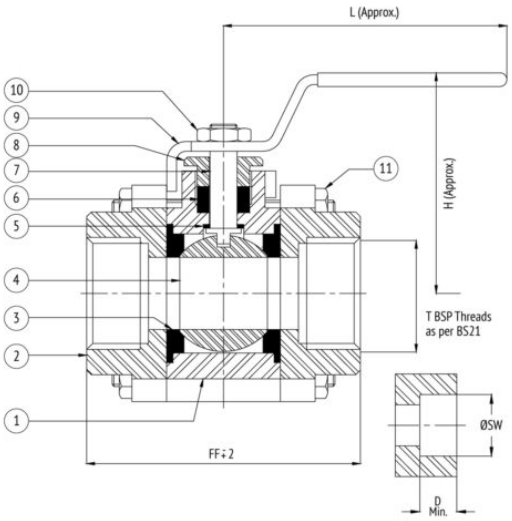


Notes
Suitable for steam service with specialized PTFE.
Can be provided with Glass Filled PTFE, Graphite Blended PTFE & PEEK Seats on request.
Other screwed end specifications can be provided on request.

Suitability
Water, Steam, Gas, Oil, Air

Material Combination

S.No	Description	No.	Material	Specifications
1	Body	1	Cast Carbon Steel	ASTM A216 Gr. WCB
2	Pipe Connector	2	Cast Carbon Steel	ASTM A216 Gr. WCB
3	Body Seal	2	PTFE	–
4	Ball	1	Stainless Steel	ASTM A 351 Gr. CF8
				ASTM A 276 Type 304
5	Stem Seal	1	PTFE	–
6	Packing	1	PTFE	–
7	Stem	1	Stainless Steel	ASTM A 276 Type 410
8	Gland Nut	1	Stainless Steel	ASTM A 276 Type 410
9	Lever (with Plastic Sleeve)	1	Carbon Steel	–
10	Lever Nut	1	Stainless Steel	Type 410
11	Studs & Nuts	To Suit	Alloy Steel	ASTM A 193 Gr. B7
				ASTM A 194 Gr. 2H



Dimensional Data

Size (mm)	FF	LL	H	T	ØSW	D
15	66	104	55	1/2”	21.8 / 22.2	9.5
20	75	104	65	3/4”	27.2 / 27.6	12.5
25	85	135	82	1”	33.9 / 34.3	12.5
32	102	180	85	1.1/4”	42.7 / 43.1	12.5
40	115	180	94	1.1/2”	48.8 / 49.2	12.5
50	130	216	115	2”	61.2 / 61.7	16

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