AV-510 Investment Casting Stainless Steel (CF8) Ball Valve, Flanged Ends, Class-150

Features

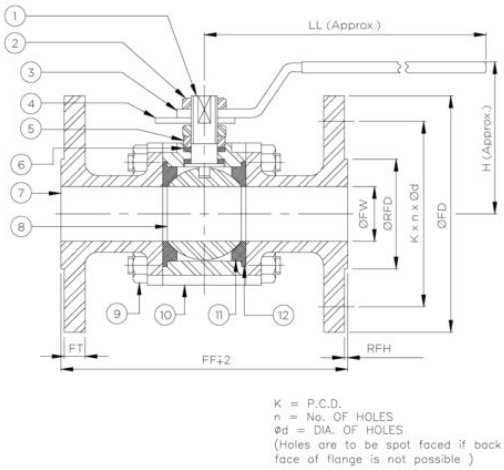
Body Material Cum Standard	Cast Stainless Steel (ASTM A351 Gr. CF8)
Port Opening	Full Bore
Product Description	Three Piece Design, Lever Operated (Blow Out Proof Stem)
Type of Seat	Renewable Seat
Trim	Ball & Stem: Stainless Steel (AISI 304), PTFE Seats
End Details	Flanged Ends as per ASME B16.5 Class-150 Raised Face (Drilled)
Test Pressure	Body: 30 Bar (Hyd.), Seat: 22 Bar (Hyd.), Seat: 7 Bar (Air)
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
1, 2	Stem, Nut	1	Stainless Steel
3	Lever (Plastic Sleeve)	1	Carbon Steel
4	Stopper	1	Carbon Steel
5	Gland	1	Stainless Steel
6	Packing Ring	–	PTFE
7	Body Connector	2	Cast Stainless Steel
8	Ball	1	Stainless Steel
9	Stud / Bolts & Nuts	To Suit	Alloy Steel
			H.T. Steel
10	Body	1	Cast Stainless Steel
11, 12	Seat, Gasket	2	PTFE



Dimensional Data

Size (mm)	Size (inches)	FF	FT	øFW	øRFD	RFH	øFD	K	n	øD	LL	H
15	1/2”	108	8	11	34.9	2	90	60.3	4	5/8”	167	55
20	3/4”	117	8.9	17	42.9	2	100	69.9	4	5/8”	167	60
25	1”	127	9.6	23	50.8	2	110	79.4	4	5/8”	180	72
40	1.1/2”	165	12.7	37	73	2	125	98.4	4	5/8”	206	90
50	2”	178	14.3	49	92.1	2	150	120.7	4	3/4”	230	100
65	2.1/2”	190	15.9	62	104.8	2	180	139.7	4	3/4”	400	155
80	3”	203	17.5	74	127	2	190	152.4	4	3/4”	400	175
100	4”	229	22.3	98	157.2	2	230	190.5	8	3/4”	450	195

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