FV-516C Investment Casting Stainless Steel (316) Ball Valve Two Piece Design, Flanged Ends, Class-150

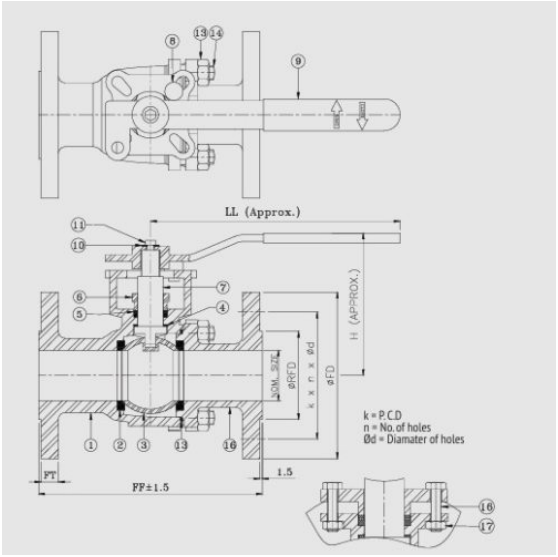
Features

Product Standard	BS EN 17292 / ASME 16.34
Pressure / Class Rating	Class-150
Body Material Cum Standard	Cast Stainless Steel (ASTM A351 Gr. CF8M)
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 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)

Suitability
Water, Steam, Gas, Oil, Air

Material Combination

Sr. No	Description	No.	Material	Specifications
1	Body	1	Cast Stainless Steel	ASTM A 351 Gr. CF8M
2,4	Seat Ring, Stem Seal	2/1	PTFE	–
3	Ball (Hollow)	1	Cast Stainless Steel	ASTM A 351 Gr. CF8M
5	Gland Packing	1	PTFE	–
6	Gland Flange	1	Cast Stainless Steel	ASTM A 351 Gr. CF8M
7	Stem	1	Stainless Steel	ASTM A 276 Type 316
8	Lever Stopper	1	Stainless Steel	Type 316
9	Lever (with PVC Sleeve)	1	Stainless Steel	Type 202
10,11	Lever Washer, Lever Bolt	1	Stainless Steel	Type 202
12	Gasket	1	PTFE	–
13	Body / Connector Joint Nut	To Suit	HT Steel	ASTM A 194 Gr. 2H / 8
14	Body / Connector Joint Stud	To Suit	Alloy Steel	ASTM A 193 Gr. B7 / B8
15	Connector	1	Cast Stainless Steel	
16	Gland Flange Bolt	2	Alloy Steel	ASTM A 193 Gr. B7 / B8
17	Gland Flange Nut	2	HT Steel	ASTM A 194 Gr. 2H / 8



Dimensional Data

Size (mm)	FF	FT	ØRFD	ØFD	K	n	Ød	L	H
25	127	9.7	50.8	108	79.2	4	16	167	94
32	140	11.2	63.5	117	88.9	4	16	167	100
40	165	12.7	73	127	98.6	4	16	220	113
50	178	14.2	92	152	120.6	4	19.1	220	121
65	190	15.7	104.6	178	139.7	4	19.1	220	130
80	203	17.5	127	190	152.4	4	19.1	300	165
100	229	22.4	157.2	229	190.5	8	19.1	300	182
125	255	22.5	185.7	254	215.9	8	22.2	450	252
150	267	24	216	279	241.3	8	22.2	450	270

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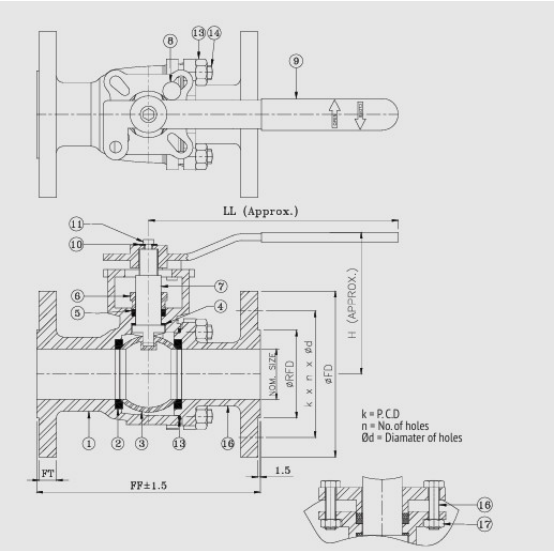

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