AV-130 Casting Iron Balancing Valve Flanged Ends, PN-16

Features

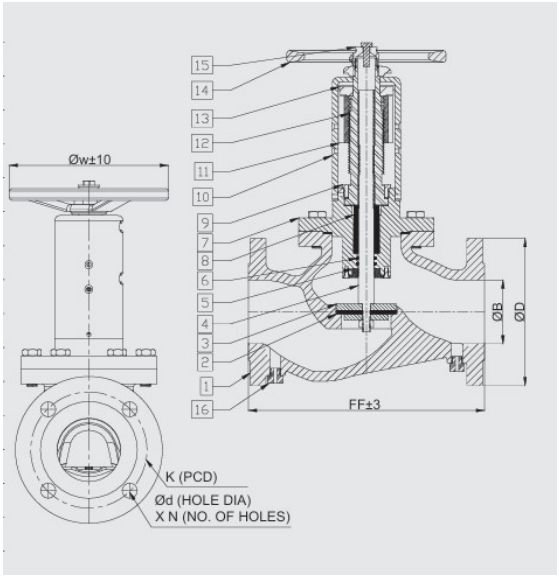
Testing Standard	API-598
Body Material Cum Standard	Cast Iron (IS 210 Gr. FG200)
Product Description	Bolted Bonnet, Handwheel Operated
Trim	13% Cr.
Type of Disc	EPDM
End Details	Flanged Ends as per BS-10 PN-16
Test Pressure	Body: 24 Bar (Hyd.), Seat: 17.6 Bar (Hyd.)
Pressure / Class Rating	PN-10 / PN-16

Suitability

Water

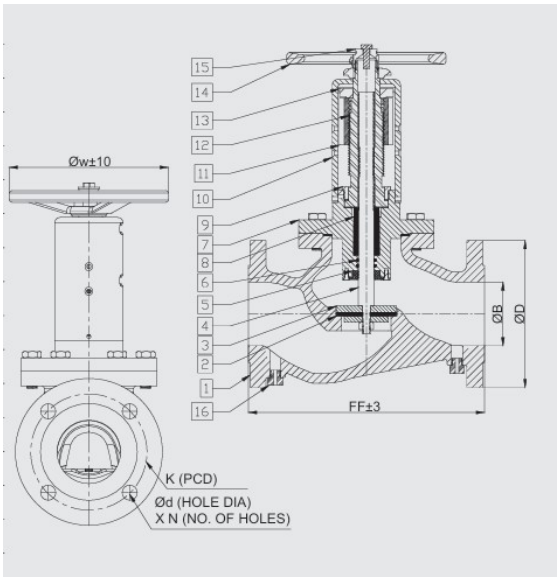
Material Combination

Sr. No	Description	No.	Material Specifications
1	Body	1	IS:210 Gr. FG200
2	Seat Packing	1	EPDM
3	Disc	1	Mild Steel/ S.S. Replaceable EPDM
4	Stem	1	ASTM A276 Gr. S.S.410
5	Seal	1	EPDM
6	O-Ring	1	EPDM
7	Bonnet	1	IS:210 Gr. FG200
8	Guide	1	PTFE
9	Check Nut	1	LTB-2
10	Cover	1	IS:210 Gr. FG200
11	Scale 1	1	IS:210 Gr. FG200
12	Balancing Nut	1	Mild Steel
13	Scale 2	1	IS:210 Gr. FG200
14	Handwheel	1	IS:210 Gr. FG200
15	Nut	1	IS:210 Gr. FG200
16	Plug	1	Mild Steel



Dimensional Data

Size (mm)	FF	ØD	ØW	ØB	K(PCD)	Ød	N
50	230	165	200	50	125	19	4
65	290	185	200	65	145	19	4
80	310	200	200	80	160	19	8
100	350	220	200	100	180	19	8
125	400	250	300	125	210	19	8
150	480	285	300	150	240	23	8
200	600	340	300	200	295	23	12
250	730	405	300	250	355	28	12
300	850	460	300	300	410	28	12
350	980	520	300	350	470	28	16
400	1100	580	–	400	525	31	16
450	1200	640	–	450	585	31	20
500	1250	715	–	500	650	34	20
600	1450	840	–	600	770	37	20



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