AV-251 Cast Iron Globe Steam Stop Valve, Flanged Ends, PN-16 IBR Approved

Features

Testing Standard	BS EN 12266-Part 1
Pressure / Class Rating	PN-16
Body Material Cum Standard	Cast Iron (IBR 86 to 93 Gr. A)
Product Description	Bolted Bonnet, Outside Screw & Yoke Type, Rising Stem with Backseat Arrangement
Type of Seat	Renewable Seat
Type of Disc	Renewable Disc
Trim	13% Cr. (SS 410)
End Details	Flanged Drilling as per BS-10 Table-H Raised Face (PN-16)
Test Pressure	Body: 24 kg/cm² (Hyd.), Seat & Back Seat : 17.6 kg/cm²
Max. Working Pressure	13 kg/cm² (Steam)
Max. Working Temperature	220°C



Notes

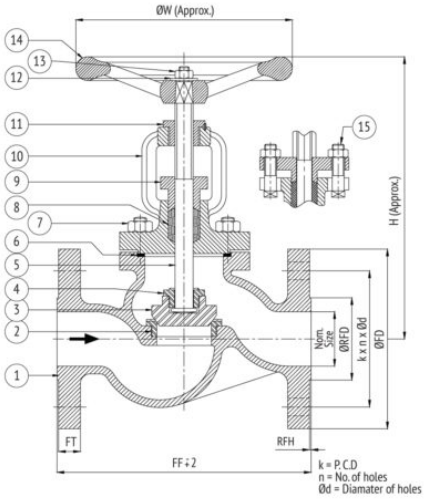
Test Certificate in Form III-C as per IBR is furnished with every supply.

Suitability

Water, Steam, Oil

Material Combination

S.No	Description	No.	Material	Specifications
1	Body	1	Cast Iron	BS EN 1561 Gr. GJL 200 / IBR 86 to 93 Gr. A
2	Body Seat Ring	1	Stainless Steel	ASTM A 276 Type 410
3	Disc	1	Stainless Steel	ASTM A 276 Type 410 / ASTM A217 Gr. CA15
4	Disc Nut	1	Stainless Steel	ASTM A 276 Type 410
5	Stem	1	Stainless Steel	ASTM A 276 Type 410
6	Gasket	1	C.A.F. / Non Asbestos Fibre	–
7	Studs & Nuts	To Suit	Carbon Steel	–
8	Packing	–	Flexible Graphite	–
9	Gland Flange	1	Cast Iron	BS EN 1561 Gr. GJL 200 / IBR 86 to 93 Gr. A
10	Bonnet	1	Cast Iron	BS EN 1561 Gr. GJL 200 / IBR 86 to 93 Gr. A
11	Yoke Bush	1	Al. Bronze / M.S.	BS EN 1982 Gr. CC331G / –
12	Washer	1	Carbon Steel	–
13	Nut	1	Carbon Steel	–
14	Handwheel	1	C.I. / S.G.Iron	–
15	T-Bolts & Nuts	2 Each	Carbon Steel	–



Dimensional Data

Size (mm)	FF	H	ØW	ØFD	ØRFD	ØRFH	k	n	Ød	FT
15	130	175	100	114.3	–	–	82.6	4	17.5	14
20	150	180	100	114.3	–	–	82.6	4	17.5	16
25	160	205	100	115	65	3	87.3	4	17.5	16
32	180	240	165	140	76	3	98.4	4	17.5	18
40	200	265	165	150	84	3	104.8	4	17.5	18
50	230	275	165	165	99	3	127	4	17.5	20
65	290	317	200	185	118	3	146	8	17.5	20
80	310	330	200	203.2	132	3	165	8	17.5	22

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Size (mm)	FF	H	ØW	ØFD	ØRFD	ØRFH	k	n	Ød	FT
100	350	380	250	228.6	–	–	190.5	8	17.5	24
125	400	410	250	279.4	–	–	235	8	22.3	26
150	480	440	315	304.8	–	–	260.4	12	22.3	26

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