AV-234 Bronze Safety Valve, Screwed Ends

Features

Type of Pattern	Right Angle Pattern
Body Material Cum Standard	Bronze (IBR 282 (a) (iv) Gr. B)
Product Description	Pop Type, Spring Loaded, Enclosed Discharge
Trim	Cu-Alloy
End Details	Inlet Screwed Male BSP Taper Threads (BS-21), Outlet Screwed Female BSP Parallel Threads (BS-21)
Test Pressure	Body: 500 Psig (Hyd.)
Max. Working Pressure	250 Psig (Steam)
Max. Working Temperature	225°C
Max. Set Pressure	250 Psig (Steam)



Notes

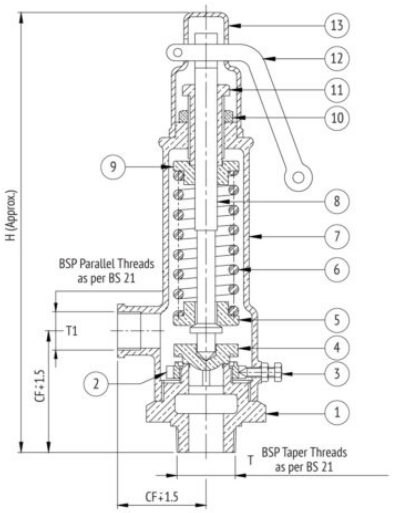
Test Certificate in Form III-C as per IBR is furnished with every supply.

Suitability

Steam

Material Combination

S.No	Description	No.	Material	Specifications
1	Body	1	Bronze	IBR 282 (a) (iv) Gr. B / BS EN 1982 Gr. CC491K
2	Regulating Ring	1	Bronze	IBR 282 (a) (iv) Gr. B / BS EN 1982 Gr. CC491K
3	Locking Screw	1	Brass	–
4	Disc	1	Bronze	IBR 282 (a) (iv) Gr. B / BS EN 1982 Gr. CC491K
5	Lower Spring Disc	1	Bronze	IBR 282 (a) (iv) Gr. B / BS EN 1982 Gr. CC491K
6	Spring	1	Carbon Steel	–
7	Spring Chamber	1	Bronze	IBR 282 (a) (iv) Gr. B / BS EN 1982 Gr. CC491K
8	Stem	1	H.T. Brass	IS 6912 Gr. FLB
9	Upper Spring Disc	1	Bronze	IBR 282 (a) (iv) Gr. B / BS EN 1982 Gr. CC491K
10	Check Nut	1	Bronze	IBR 282 (a) (iv) Gr. B / BS EN 1982 Gr. CC491K
11	Adjusting Screw	1	Bronze	IBR 282 (a) (iv) Gr. B / BS EN 1982 Gr. CC491K
12	Lever	1	Carbon Steel	–
13	Cap	1	Aluminium	–



Dimensional Data

Size (mm)	CF	CF1	H	T	T1
15	45	75	298	3/4”	1/2”
20	65	85	317	1”	3/4”
25	65	89	325	1.1/4”	1”
32	66	98	396	1.1/2”	1.1/4”
40	66	110	400	2”	1.1/2”
50	86	113	450	2.1/2”	2”

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