IC-132 Cast Stainless Steel (CF8) Compact Pressure Reducing Valve, Screwed Ends, PN-16

Features

Body Material Cum Standard	Cast Stainless Steel (ASTM A351 Gr. CF8) (SS 304)
Product Description	Compact Size, Diaphragm Type
End Details	Screwed Female BSP Parallel Threads (BS-21)
Test Pressure	Body : 24 kg/cm² (Hyd.)
Max. Working Pressure	Max. Inlet Pressure : 16 kg/cm², Outlet Pressure Range : 1.5 – 5 kg/cm²
Max. Working Temperature	45°C



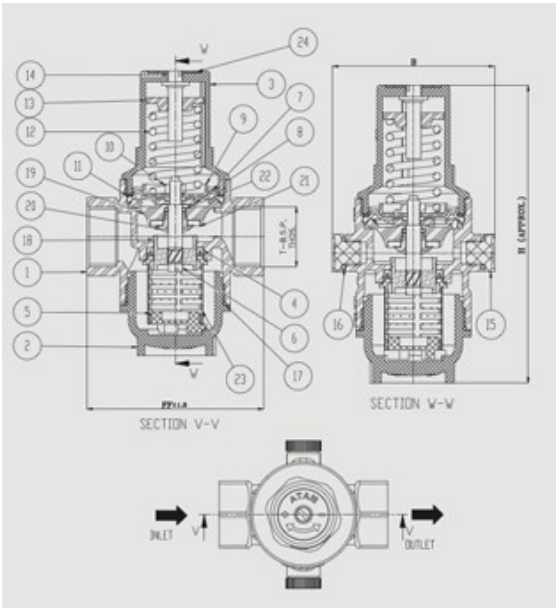
· Diaphragm Type · With in-built screen mesh to prevent dirt particles from entering internal parts, with easy attachment no need to remove the valve from pipeline for cleaning screen. · With transparent bottom cap, dirt particles can be easily seen. · In-built provision of installation of pressure gauge. · Easy to operate and adjust. · Constant set outlet pressure, irrespective of inlet pressure fluctuations in the line.

Also available in CF8M(SS316)

Suitability
Water

Material Combination

S.No	Description	No.	Material Specifications
1	Body	1	C.S.S. (ASTM A351 Gr. CF8)
2	Bottom Cap	1	Thermo Plastic (Transparent)/C.S.S Gt CF8)
3,15	Bonnet, Plug	1/2	Nylon 6 Based material or equivalent
4	Rubber Seal	1	Nitrile Rubber
5	Strainer with Closing Cap	1	Polyacetol based Material or equivalent
6,8	Spindle and Washer Cap	1	AISI 304
7	Diaphragm	1	Nitrile Rubber Reinforced with canvas
9,10	Diaphragm Cup, 1/4″Nut	1	S.S.202
11	Plastic Ring	1	Polyacetol based Material or equivalent
12,13,14	Spring, Screw Guide, Adjusting Screw	1	S.S.202
16,17	O-Ring 1, Joint O-Ring	2,1	Rubber(Nitrile/EPDM)
18,19	Piston, Disc	1	Polyacetol based Material or equivalent
20	Disc Cap	1	Polyacetol
21,22	Disc Ring, O-Ring2	1	Rubber(Nitrile/EPDM)
23	Screen Mesh	1	AISI 316 S.S Sheet
24	ID Plate	1	Plastic / Matel sheet



Internal Components :
Diaphragm & Seals – Nitrile
Internal Valve Disc Cartridge – High Quality Engineered Plastic
Filter Screen Mesh & Spring – S.S. (AISI 304)

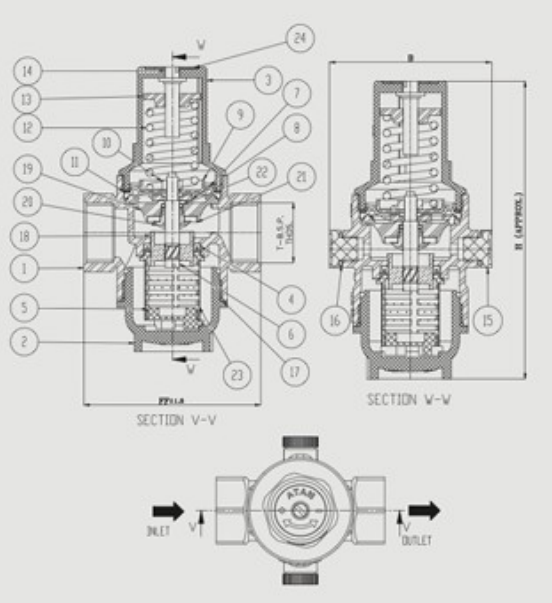
Dimensional Data

Size (mm)	Size (inches)	FF	H	B
15	1/2″	74	140	77
20	3/4″	78	140	77
25	1″	98	170	86
32	1.1/4″	102	170	86
40	1.1/2″	120	260	94
50	2″	125	260	94
65	2.1/2″	123	187	–

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Size (mm)	Size (inches)	FF	H	B
80	3″	140	187	–

Gauge connection • 1/4• BSPThread



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