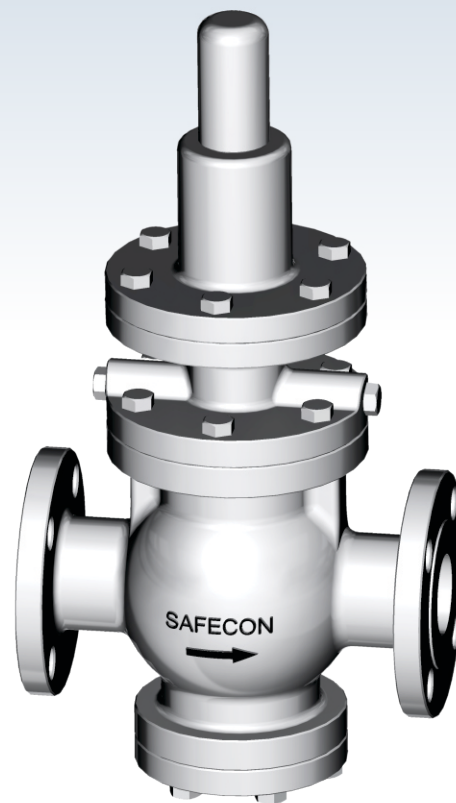




SAFECON

High Efficiency And Better Performance

Pressure Reducing Valve

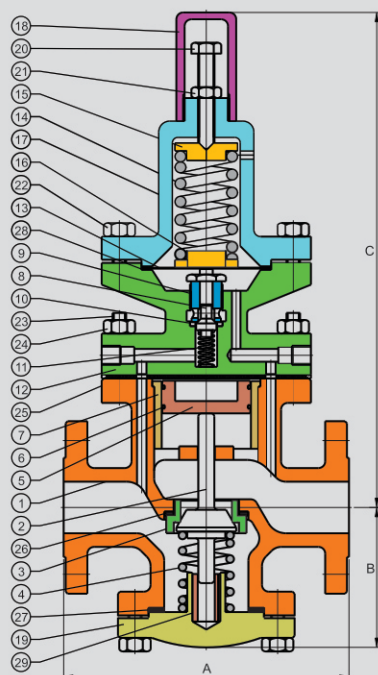


IBR APPROVED

AN ISO 9001 : 2008 CERTIFIED COMPANY

Product Description & Features :

SAFECON Self-actuating, Internally pilot & piston operated, Globe type, Spring & diaphragm actuated, Pressure reducing/regulating valve.



SC - 4000

Dimension(mm) 150#

VALVE SIZE	A ^{+3.0}	B ^{+3.0}	C ^{+10.0}	Cv	(APPROX) WEIGHT (KG)
25MM	194	79	350	10	20
40MM	210	103	365	18.5	25
50MM	254	121	378	32	35
80MM	311	141	522	70	75
100MM	347	147	565	108	108
150MM	433	210	597	250	130

MATERIAL SPECIFICATION

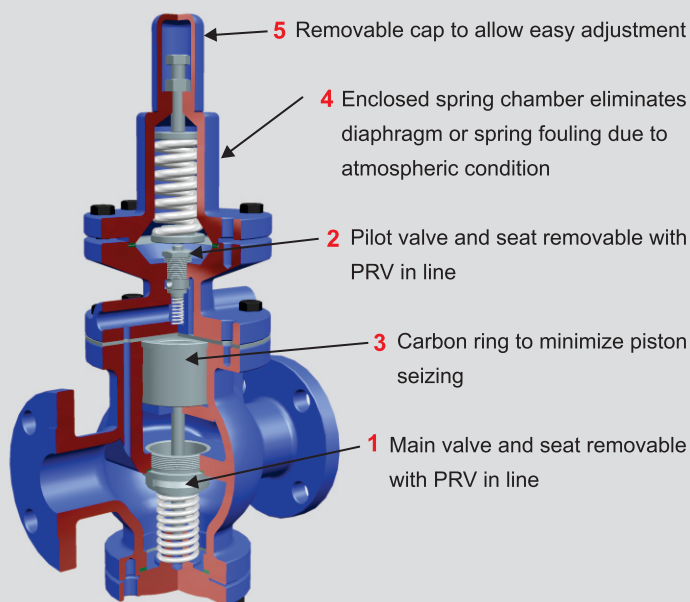
SR. NO.	PART NAME	MATERIAL
1	BODY	ASTM A216 GR.WCB/CF8/CF8M/ALLOY STEEL
2	MAIN VALVE	ASTM A351 GR.CF8/CF8M
3	MAIN VALVE SEAT	ASTM A351 GR.CF8/CF8M
4	MAIN VALVE SPRING	SS 302/SS 304/SS 316
5	PISTON	SS 304/SS 316
6	PISTON RING	HARD CROME IRON
7	SLEEVE	ASTM A351 GR.CF8/CF8M
8	PILOT VALVE	SS 304/SS 316
9	PILOT VALVE SEAT	SS 304/SS 316
10	PILOT VALVE SEAT WASHER	BRASS/PTFE/GRAFOIL
11	PILOT VALVE SPRING	SS 302/SS 304/SS 316
12	PILOT VALVE HOUSING	ASTM A216 GR.WCB/CF8/CF8M/ALLOY STEEL
13	DIAPHRAGM	SS 304/SS 316
14	SETTING SPRING	C.S/A.S/SS
15	SETTING SPRING WASHER (TOP)	M.S./SS 304/SS 316
16	SETTING SPRING WASHER (BOTTOM)	M.S./SS 304/SS 316
17	SPRING HOUSING	ASTM A216 GR.WCB/CF8/CF8M/ALLOY STEEL
18	CAP	M.S./SS 304/SS 316 /ALLOY STEEL
19	BOTTOM COVER	ASTM A216 GR.WCB/CF8/CF8M/ALLOY STEEL
20	ADJUSTING SCREW	SS 304/SS 316
21	ADJUSTING SCREW NUT	SS 304/SS 316
22	BOLTS	H.T./ SS 304/SS 316
23	STUDS	H.T./ SS 304/SS 316
24	NUTS	H.T./ SS 304/SS 316
25	GASKET (BODY)	NON - ASBESTOS /PTFE/GRAPHITE
26	GASKET (SEAT)	NON - ASBESTOS /PTFE/GRAPHITE
27	GASKET (BOTTOM COVER)	NON - ASBESTOS /PTFE/GRAPHITE
28	GASKET (PILOT VALVE HOUSING)	NON - ASBESTOS /PTFE/GRAPHITE
29	BOTTOM COVER GUIDE BUSH	SS 410/SS 304/SS 316

Design Features & Benefits

- The "SAFECON" - Series SC-4000, internally pilot & piston operated pressure reducing valves are very compact in design & versatile type for accurate regulation with the widest possible range of flow.
- Globe type body design is capable of delivering very high flow rates with greater accuracy.
- The internally pilot controlled pressure reducing valves are most suitable for use in Process Industries.
- The constant outlet pressure (Down stream pressure) is accurately maintained right up to maximum rated discharge capacity of the valve and is unaffected by changes in inlet pressure or flow rate.
- A positive tight shut off ensured by accurate guiding of the pilot & the main valve assembly.

Application

- The **SAFECON** Pressure regulator is assembled with stainless steel trims to use for Steam & Air applications for low and medium pressure range
- The Non Metallic (Teflon/Elastomer) trims are provided to ensure tight shut off (class VI Leakage) for air & gas application, where as, Stallited Stainless steel trims are provided for High pressure and Temperature steam service



Other Product Range :

- Thermal / Safety Valves
- Safety Relief Valves
- Control Valves
- Gas Regulator
- PRS
- All Industrial Valves



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