

TYPE 'A' PRESSURE REDUCING VALVE

General Description:

The Type A is a general purpose Pressure Reducing Valve for Steam duties. Suitable for inlet pressures up to 300 PsiG and has a reduced pressure range of 10 to 120 PsiG.

Valves can be set at time of order or can be supplied with the spring relaxed for adjustment on site, please see the operation details below.

Operation:

High pressure is admitted at the inlet. The spring is then compressed the requisite amount and the valve opens, permitting pressure to pass to the service side.

Reduction of the pressure takes place as it leaves the valve orifice, the controlled pressure is then controlled by the reaction of the spring to the reduced pressure acting upon the area of the piston.

Compressing the spring increases the reduced pressure. Relaxing the spring decreases the reduced pressure.

Specification:

Body size: 1/2", 3/4", 1", 1.1/2" and 2".
Body connection: BSPP Female (standard)
NPT available on request.
Body material: S.G Iron.
Trim material: Stainless Steel and Brass.
Diaphragm material: Stainless Steel.
Max. Operating Temperature: 260 Deg C.

Bore	A (mm)	B (mm)	C (mm)	Weight (Kg)
15mm 20mm 25mm	102	48	140	3.17
40mm 50mm	146	65	205	6.34

