

470 Series

Brass Bodied Back Pressure Regulator



- Pressure ranges of 0-15 to 0-250 PSI are available, covers a broad range of applications
- Brass bar stock body means a smoother surface finish
- Versatility to configure the regulator with either front or rear panel mounting
- Accurate pressure control
- 316L stainless steel diaphragm
- Leak test certificate

The 470 Series regulators are intended for upstream or inlet pressure control in non-corrosive high purity applications. Typically, the 470 Series are used to provide system pressure control, acting as a highly accurate relief valve

Specifications:

Max. Inlet Pressure: 250 PSI (17 BAR)

Gauges: N/A

Temperature Range: -40° C to 60° C

Body Ports: 1/4" NPT(F)

Helium Leak Integrity: 1 x 10⁻⁹ scc/sec

Cv: 0.1

Weight: 1.1 kg

Materials:

Body: Brass bar stock

Bonnet: Brass bar stock

Seat: Viton

Diaphragm: 316L stainless steel

Internal Seals: PTFE

ORDERING INFORMATION

S470 - XXX - XXX - XXX - XX

Series	Outlet Pressure	Inlet Fitting	Outlet Fitting	Options
S470	15 (0-15 psi)	4F (1/4" NPT Female)	4F (1/4" NPT Female)	03 (Panel mount kit)
	50 (0-50 psi)	4S (1/4" Tube)	4S (1/4" Tube)	04 (Wall mount bracket)
	100 (0-100 psi)	8S (1/2" Tube)	8S (1/2" Tube)	
	250 (0-250 psi)	Others see outlet fitting chart	Others see outlet fitting chart	

