

205 Series

Single Stage Brass Bodied Scientific Regulator



The 205 Series regulators are intended for secondary pressure control of non-corrosive, high purity or liquefied gases or as point of use pressure control in high purity gas distribution systems.

- Pressure ranges of 0-15 to 0-200 PSI are available to cater for a broad range of applications
- Forged body design
- Large diaphragm design
- High flow capacity
- Capsule seat design for greater serviceability and life
- 316L stainless steel diaphragm

Specifications:

Max. Inlet Pressure: 3000 PSI (210 BAR)

Gauges: 2-1/2" diameter brass (chrome plated)

Temperature Range: -40° C to 60° C

Body Ports: 1/4" FPT

Helium Leak Integrity: 1 x 10⁻⁸ scc/sec

Cv: 0.28

Weight: 1.4 kg

Materials:

Body: Chrome plated forged brass

Bonnet: Chrome plated diecast zinc

Seat: PTFE

Filter: 10 micron sintered bronze

Diaphragm: 316L stainless steel

Internal Seals: PTFE

ORDERING INFORMATION

205 - XXX - XXX - XXX - XX

Series	Outlet Pressure	Inlet Fitting	Outlet Fitting	Options
205	15 (0-15 psig)	4F (1/4" NPT Female)	4F (1/4" NPT Female)	Inlet Purge
	15 (0-15 psi) acetylene	4M (1/4" NPT Male)	4M (1/4" NPT Male)	Outlet Relief Valve
	40 (0-40 psi)	2S (1/8" Tube)	2S (1/8" Tube)	
	120 (0-120 psi)	4S (1/4" Tube)	4S (1/4" Tube)	
	200 (0-200 psi)	8S (1/2" Tube)	8S (1/2" Tube)	
		Others by description	2B (1/8" Hose Barb)	
			4B (1/4" Hose Barb)	
			Others by description	