

REGULATOR

SERIES HSG-LB160

CALIBRATION GAS REGULATOR FOR NON-REFILLABLE CYLINDER - NONCORROSIVE SERVICES

Description

The single-stage, piston type calibration gas regulators, Series HSG-PR160, are specifically designed for the use with high purity, non-corrosive, calibration gases in disposable cylinders using a 5/8"-18 UNF (C-10) valve. The control valve permits constant gas flow and easy on/off. Each regulator comes with a cylinder pressure gauge and is available in six preset flow models. Also, stainless steel models, series PR160S, are available for reactive gas mixtures.



HSG-PR160

Standard Specification

Maximum inlet pressure	: 1000 psig
Outlet flow settings	
Model HSG-PR160/025	: 0.25 LPM
Model HSG-PR160/050	: 0.50 LPM
Model HSG-PR160/100	: 1.00 LPM
Model HSG-PR160/150	: 1.50 LPM
Model HSG-PR160/250	: 2.50 LPM
Model HSG-PR160/500	: 5.00 LPM
Inlet fitting	: 5/8" - 18 UNF (C-10)
Outlet fitting	: 3/16" Hose Barb
Temperature range	: -17°C to + 60°C

Material Of Construction

Body

Series HSG-PR160	: Chrome-plated brass bar stock
Series HSG-PR160S	: 316L stainless steel
Spring housing cap	: Chrome-plated brass bar stock
Seat	: Teflon
Piston	: Brass
Piston "O" rings	: Buna-N®

Key Features

- Piston type construction
- Preset flow ratings
- On/off valve
- 1-1/2" X 1200 psig gauge

Typical Applications

- Disposable cylinders of non-corrosive gases
- Disposable cylinders of reactive gases (PR160S)
- Instrument on-site calibration
- Environmental monitoring