

250 Silverline SERIES

HIGH PURITY ANALYTICAL BRASS LIQUID CYLINDER REGULATORS

DESIGN FEATURES

- Filtered seat for added gas stream purity and extended service life
- Large 1 - 7/8" stainless steel diaphragm for precise control of pressure
- Large 2 - 1/2" easy to read single scale gauges
- Rugged brass bar stock construction
- Plated body, bonnet, and gauges for superior protection
- Built in capturable preset safety relief valve



P/N 254-20-09 SHOWN

Sure-Seat™
technology for maximum
life and gas purity

These high purity single stage regulators are designed for use on liquid cylinders. The regulator has rear entry which allows for easy connection to the liquid cylinder. The stainless steel diaphragm will provide a long service life in cryogenic applications. This regulator controls the delivery of gases not liquids. Typical applications include high purity gas handling, bulk gas distribution, liquid cylinders and laboratories.

SPECIFICATIONS

Maximum Inlet Pressure.....	3500 PSIG
Temp. Operating Range.....	-40°F to +165°F
Ports (3).....	1/4" FNPT
Design Leak Rate.....	Bubble tight (1 x 10-5 ccs Helium)
Flow Coefficient Cv.....	0.13
Flow Curve.....	Flow Chart #19
Inlet Decay Rate.....	0.23/100 PSIG
Weight.....	2.5 lbs.

254 - 20 - 09

Option 1:		Option 2:		Option 3:	
Model Series & Outlet Pressure		Outlet Fittings		CGA Inlet Fittings	
252	100 PSIG	00	1/4" FNPT	00	1/4" FNPT
254	200 PSIG	20	Nickel Needle Valve with male 1/4" NPT outlet	02	CGA 320
255	350 PSIG	82	Nickel "B" fitting (9/16"-18RH)	08	CGA 540
256	500 PSIG			09	CGA 580

MATERIALS OF CONSTRUCTION

Body.....	Nickel Plated Brass, Bar Stock
Bonnet.....	Nickel Plated
Diaphragm.....	Stainless Steel
Seat.....	PFA
Seat Retainer.....	Brass
Gauge.....	2-1/2" Chrome Plated
Filter.....	316 Stainless Steel
Valve Stem.....	316 Stainless Steel
Valve Spring.....	316 Stainless Steel
Seals.....	FKM

Ordering Information For 250 Series Regulators

Product Number	Max. Inlet Pressure PSIG	Max. Outlet Pressure PSIG	Delivery Gauge		Relief Valve Setting PSIG
			Range PSIG	Graduations PSIG	
252	3500	100	0-200	5	150
254	3500	200	0-400	10	350
255	3500	350	0-400	10	575
256	3500	500	0-1000	20	575