

2350 Series Pressure Regulator

Economical choice for high-pressure regulation in a wide range of applications

Features

- Precision control of gases or liquids up to 10,000 psi
- Soft seat and unbalanced poppet for dead-tight shutoff
- Self-relieving for ease of fine tuning pressure adjustment
- High outlet pressures for controlling the widest range of pressure requirements
- Oversized hand knob for easier adjustment under pressurized conditions
- Panel mount standard
- Many models are stocked for fast delivery



Specifications

- Inlet Pressure 0 to 10,000 psi
- Outlet Pressure 0 to 6,000 psi
- Proof $1\frac{1}{2}$ x inlet
- Burst 4 x inlet
- C_v 0.14 standard
0.07 optional
- Temperature Depends on soft goods
(see ordering information)
- Approximate weight 6½ lbs.
- Leakage Bubble-tight

Materials of Construction

- Body Brass or 316 Stainless Steel
- Poppet 316 Stainless Steel
- Seat Retainer 316 Stainless Steel
- Seat PCTFE
- Bonnet Aluminum
- Seals Buna-N®, Viton®, EPR or Teflon®
- Inlet Filter 10 Micron 316 Stainless Steel
- Main Piston 17-4 PH

Viton® is a registered trademark of DuPont Dow Elastomers
Teflon® is a registered trademark of E.I. du Pont de Nemours & Company
Buna-N® is a registered trademark of E. I du Pont de Nemours & Company

Applications

Test Benches • Dome Loading • Chemical Plants • R&D Laboratories
Calibration Stations • Manufacturing Plants • Airline Tire Charge Carts



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*U.S. Para Plate valves and regulators are used where performance and reliability are a must.
Proven for over 30 years in the most demanding Aerospace and Industrial applications.*

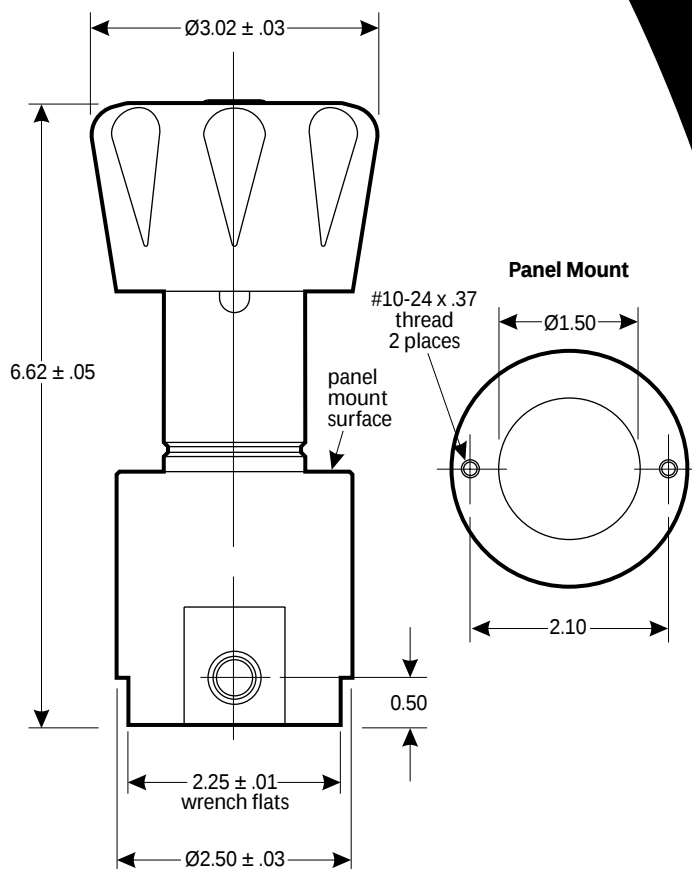


2350 Series Pressure Regulators

Ordering Information

MODEL NUMBER		2350 X C K N 3 P-6 L G
- = General Service X = High level precision cleaning		CLEANING
B = Brass (up to 6000 psi) C = 316 Stainless steel (up to 10000)		BODY & HOUSING MATERIAL
K = C_v of 0.07 L = C_v of 0.14		FLOW FACTOR
N = Buna-N® (-45° to +180°F) V = Viton® (-10° to +250°F) E = EPR (-60° to +200°F) T = Teflon® (-100°F to +300°F)		O-RING MATERIAL
1 = 0 to 500 psi 2 = 0 to 1000 psi 3 = 10 to 2000 psi 4 = 20 to 3500 psi 5 = 50 to 6000 psi		OUTLET PRESSURE RANGE
T = MS33649-4 1/4" tube P = 1/4" NPT T-6 = MS33649-6 3/8" tube P-6 = 3/8" NPT (all end connections female)		I/O PORT TYPE & SIZE
L = Liquid service non self-venting Blank = Gas service self venting		SERVICE
G = 1/4" NPT gage ports Blank = No gage ports		INLET/OUTLET GAGE

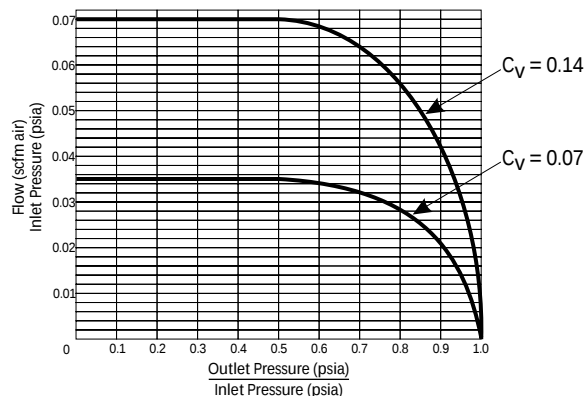
For Oxygen service, contact factory.
 (Bold *Italic Type* indicates standard options)



Pressure Selection

Dash Number	Outlet Pressure Range (psig)	Outlet Pressure Rise Per 100 psig Inlet Pressure Decay	
		C _v = 0.07	C _v = 0.14
-1	0-500	1.4	3.5
-2	0-1000	1.4	3.5
-3	10-2000	2.8	7.0
-4	20-3500	2.8	7.0
-5	50-6000	6.4	16.0

Characteristic Max Flow Curve



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