

1341 Series Pressure Regulators

Precise set pressure control and bubble-tight performance in gases and liquids

Features

- Inlet pressures up to 6000 psi
- Broad range of outlet pressures up to 2500 psi
- Captured vent model for corrosive fluids (1341-1016)
- Self-relieving vent for non corrosive fluids (1341)
- Soft seat and unbalanced poppet for dead-tight shutoff
- 10 micron inlet filter in gas models for additional seat protection
- Tamper proof cap or speed handle options
- Many models are stocked for fast delivery



Specifications

- | | |
|-------------------|-------------------------------------|
| • Inlet Pressure | 0 to 6,000 psi |
| • Outlet Pressure | 0 to 2,500 psi |
| • Proof | 1½ x outlet |
| • Burst | 3 x outlet |
| • C _v | 0.14 |
| • Temperature | -40°F to +160°F |
| • Weight | 6 lbs. |
| • Leakage | Bubble-tight, internal and external |

Materials of Construction

- | | |
|------------------|-------------------------------|
| • Body | 316 Stainless Steel |
| • Seat | PCTFE |
| • Seals | Teflon® |
| • Diaphragm | Nylon with Teflon® liner |
| • Spring Housing | Aluminum |
| • Inlet Filter | 10 Micron 316 Stainless Steel |

Teflon® is a registered trademark of E.I. DuPont

Applications

Cylinder Gas Regulation • Process Sampling Systems • Instrument Calibration
Purge and Blanket Systems • R&D and Pilot Plant Processes • Chromatograph
Carrier Gases • Corrosive Gases and Liquids • Diving Support Systems
Aircraft Ground Support Charging Systems



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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.*



1341 Series Pressure Regulators

Ordering Information

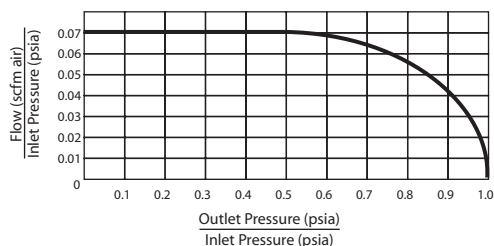
1341 =(self-relieving) 1341-1016 =(captured vent)	MODEL NUMBER
- = General service X = High level precision cleaning	CLEANING
See table below	OUTLET PRESSURE RANGE
T = MS33649-4 1/4" tube P = 1/4" NPT T-6 = MS33649-6 3/8" tube P-6 = 3/8" NPT (all end connections female)	I/O PORT TYPE & SIZE
Blank = adjustment knob T = Tamper proof S = Speed handle (1341 only)	ADJUSTMENT TYPE
Blank = gas service (self-relieving) L = liquid service (non self-relieving & corrosive gases)	RELIEF OPTION
Blank = no gage port G = 1/4" NPT inlet/outlet ports G2 = 1/4" NPT outlet port only	GAGE PORT OPTION

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

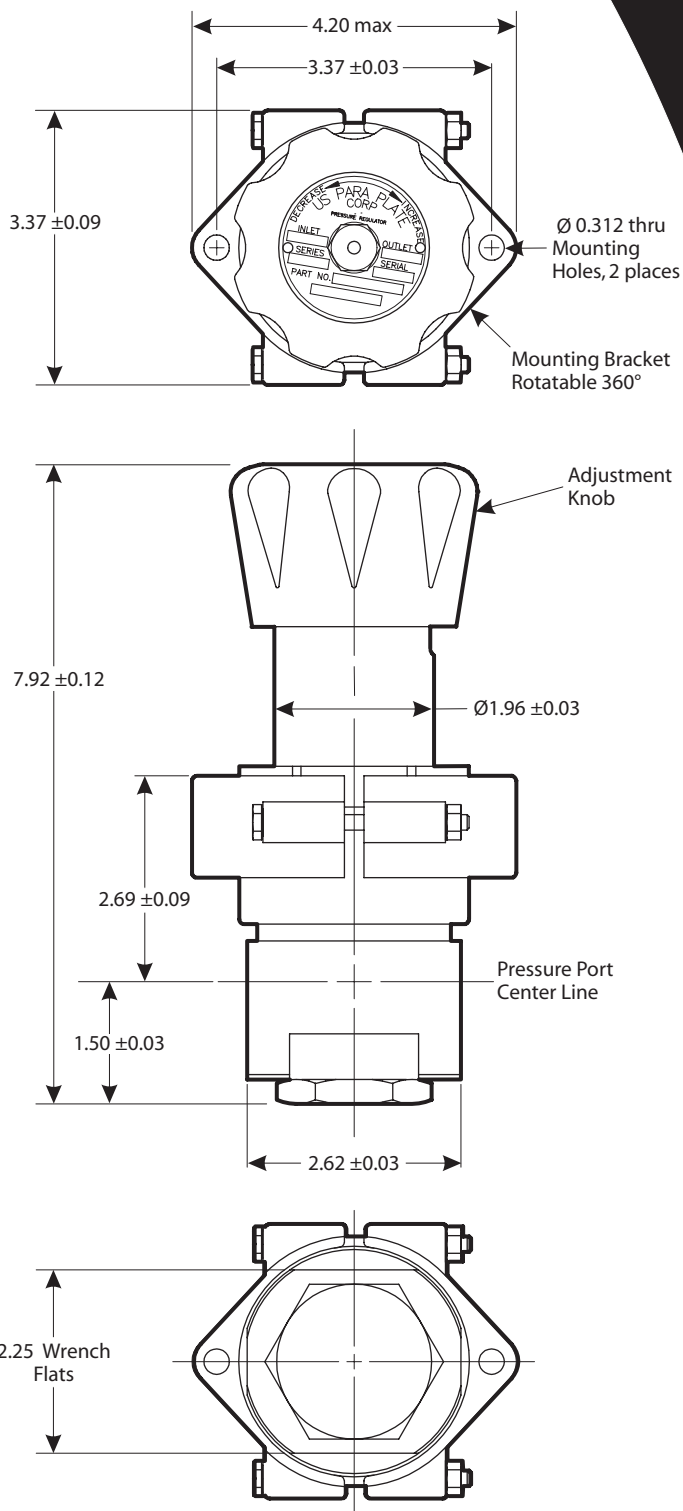
Pressure Selection

Dash Number	Outlet Pressure Range (psig)	Outlet Pressure Rise Per 100 psig Inlet Pressure Decay
-1	0-75	0.4
-2	0-125	0.4
-3	0-200	0.4
-4	0-300	0.4
-5	0-450	.06
-6	0-600	1.2
-7	0-900	1.2
-8	0-1000	2.0
-9	0-1500	2.0
-10	0-2500	2.5

Characteristic Max Flow Curve



Model 1341



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