



Models 6342A Back Pressure Regulator



Description

High-purity stainless steel back pressure regulator designed to relieve system overpressure. May be used with non-corrosive or corrosive gases.

Applications

- Used to relieve system overpressure, like a relief valve
- May be used in place of relief valves in many applications requiring high sensitivity and close tolerances on “crack-reseat” pressure relationships

Design Features/Components

- High-purity 316L stainless steel body
- High-purity 316 stainless steel diaphragm
- Metal to metal seal
- Porous metal filter protects seat from contamination

Materials of Construction

Body: 316L stainless steel
 Diaphragm: 316 stainless steel
 Bonnet: Stainless steel
 Seat: Kel-F81
 Seals: Metal to metal

Specifications

Maximum Pressure Rating: 100 psig (690 kPa)
 Maximum Flow Rate: 185 SCFH (85 SLPM) @ 100 psig
 Flow Capacity (Cv): 0.08
 Porting: 1/4" NPT Female
 Shipping Weight: 5 lbs

Ordering Information

Model Number	Delivery Pressure Range
6342A	0-100 psig