Models 6342A
Precision Adjustable Relief Valve/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
- May be used in place of relief valves in many applications requiring high sensitivity and close tolerances on "crack-reseat" pressure relationships
- Used to control upstream pressure

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

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<thead>
<tr>
<th>Part Number</th>
<th>Delivery Pressure Range</th>
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<tbody>
<tr>
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<td>0-100 psig</td>
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