**Technical data**

**Medium:**
Compressed air, neutral gases

**NOTE:** Contact technical support for use with other media.

**Maximum pressure:**
300 psig (20 bar)

**Operating temperature:**
-30°F to 175°F (-34° to 80°C)
* Air supply must be dry enough to avoid ice formation at temperatures below 35°F (2°C)

**Gauge ports:**
1/4" PTF with PTF main ports
R1/4" with ISO G, and BSPP main ports

**Materials**
Body: aluminum
Bonnet: aluminum
Bottom plug: acetal
Valve: aluminum and nylon
Elastomers: nitrile

**Ordering information**
Models listed are knob adjustment, relieving type with gauge, 5 to 125 psig (0.3 to 8.5 bar) outlet pressure adjustment range*, and PTF threads.

<table>
<thead>
<tr>
<th>ISO Symbols</th>
<th>Port Size</th>
<th>Model Number</th>
<th>Flow† scfm (dm³/s)</th>
<th>Weight lbs (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>R17 Relieving</td>
<td>3/4&quot;</td>
<td>R17-600-RGLA</td>
<td>440 (208)</td>
<td>2.31 (1.05)</td>
</tr>
<tr>
<td>R17 Non relieving</td>
<td>1&quot;</td>
<td>R17-800-RGLA</td>
<td>480 (227)</td>
<td>2.02 (0.92)</td>
</tr>
<tr>
<td>R17 Non relieving</td>
<td>1-1/4&quot;</td>
<td>R17-A00-RGLA</td>
<td>400 (189)</td>
<td>2.68 (1.22)</td>
</tr>
<tr>
<td>R17 Non relieving</td>
<td>1-1/2&quot;</td>
<td>R17-B00-RGLA</td>
<td>440 (208)</td>
<td>2.59 (1.18)</td>
</tr>
</tbody>
</table>

* Typical flow with 150 psig (10 bar) inlet pressure, 90 psig (6.3 bar) set pressure and a drop of 15 psig (1 bar) from set.

**Alternative Models**

<table>
<thead>
<tr>
<th>Port Size</th>
<th>Substitute</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4&quot;</td>
<td>6</td>
</tr>
<tr>
<td>1&quot;</td>
<td>8</td>
</tr>
<tr>
<td>1-1/4&quot;</td>
<td>A</td>
</tr>
<tr>
<td>1-1/2&quot;</td>
<td>B</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Adjustment</th>
<th>Substitute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knob</td>
<td>0</td>
</tr>
<tr>
<td>T-bar</td>
<td>1</td>
</tr>
</tbody>
</table>

Product Alternative: R68

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**Threads**
- Substitute:
  - PTF: A
  - BSPP (1-1/2" ported units): C
  - ISO G parallel (not available with 1-1/2" ported units): G

**Outlet Pressure Adjustment Ranges**
- Substitute:
  - 5 to 50 psig (0.35 to 3.5 bar): E
  - 5 to 125 psig (0.35 to 8.5 bar): L
  - 10 to 250 psig (0.7 to 17 bar): S

**Gauges**
- Substitute:
  - With: G
  - Without: N

**Diaphragm**
- Substitute:
  - Non-relieving: N
  - Relieving: R

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Our policy is one of continued research and development. We therefore reserve the right to amend, without notice, the specifications given in this document. © 2018 Norgren, Inc.
General Purpose Regulators
R17

Panel mounting hole diameter: 2.28" (58 mm)
Panel thickness: 0.06" to 0.16" (2 to 4 mm)

Dimensions in inches (mm)
Projection/First angle

Panel mounting hole diameter: 2.28" (58 mm)
Panel thickness: 0.06" to 0.16" (2 to 4 mm)
*OD of panel mount nut. Nut not included

Typical Performance Characteristics

PORT SIZE: 1"
SPRING RANGE: 5 to 125 psig (0.3 TO 8.5 bar)
INLET PRESSURE: 150 psig (10 bar)

Accessories

<table>
<thead>
<tr>
<th>Neck mount bracket with nut</th>
<th>Panel mount nut</th>
<th>Tamper evident cover and seal wire</th>
<th>Service Kit non-relieving</th>
<th>Service Kit relieving</th>
<th>Concentric reducing adaptors for gauge ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>5570-04</td>
<td>5226-97</td>
<td>4355-51</td>
<td>5872-01</td>
<td>5578-02</td>
<td>R1/4-G1/8 150232818</td>
</tr>
</tbody>
</table>

Gauge

Center back connection, white face

Pressure range
<table>
<thead>
<tr>
<th>bar</th>
<th>Mpa</th>
<th>psi</th>
<th>Ø</th>
<th>Thread size</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 4</td>
<td>0 to 0.4</td>
<td>0 to 58</td>
<td>50 mm</td>
<td>R1/8 *2)</td>
<td>18-015-011</td>
</tr>
<tr>
<td>0 to 10</td>
<td>0 to 1</td>
<td>0 to 145</td>
<td>50 mm</td>
<td>R1/8 *2)</td>
<td>18-015-013</td>
</tr>
<tr>
<td>0 to 160</td>
<td>0 to 11</td>
<td>0 to 1.1</td>
<td>2&quot; 50 mm</td>
<td>1/4 NPT</td>
<td>18-015-209</td>
</tr>
</tbody>
</table>

*1) Primary scale
*2) Concentric reducing adapter for gauge ports Model 150232818 (R1/4-G1/8)

Gauge

Center back connection, black face

Pressure range
<table>
<thead>
<tr>
<th>psig *1</th>
<th>bar</th>
<th>Mpa</th>
<th>Ø</th>
<th>Thread size</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 60</td>
<td>0 to 0.4</td>
<td>0 to 0.4</td>
<td>2&quot; 50 mm</td>
<td>1/4 NPT</td>
<td>18-015-206</td>
</tr>
<tr>
<td>0 to 160</td>
<td>0 to 11</td>
<td>0 to 1.1</td>
<td>2&quot; 50 mm</td>
<td>1/4 NPT</td>
<td>18-015-209</td>
</tr>
<tr>
<td>0 to 300</td>
<td>0 to 20</td>
<td>0 to 2.1</td>
<td>2&quot; 50 mm</td>
<td>1/4 NPT</td>
<td>18-015-210</td>
</tr>
</tbody>
</table>

*1) Primary scale

Warning
Improper selection, misuse, age or malfunction of components used in systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

Warranty
The products described herein are warranted subject to seller’s Standard Terms and Condition of Sale, available at seller’s website.

Proposition 65: These products may contain chemicals known to the state of California to cause cancer, or birth defects, or other reproductive harm.

Panel mounting hole diameter: 2.28" (58 mm)
Panel thickness: 0.06" to 0.16" (2 to 4 mm)