KUNKLE MODEL 30 SAFETY VALVE
SAFETY AND RELIEF PRODUCTS

A top venting brass safety valve that meets ASME Section VIII, UV, for air/gas service

FEATURES

- Top guided disc provides optimum performance.
- Tested and inspected for pressure setting and leakage.
- National Board certified.

GENERAL APPLICATION

Model 30 is suitable for use on small to medium size multi-stage air compressors, intercoolers, aftercoolers, instrument/control air lines and systems and for air tanks/receivers and pressurized equipment.

TECHNICAL DATA

Connections: Threaded NPT or BSPT
Temperature range: -20° to 300°F
(-29° to 150°C)
Pressure range: 60 to 4000 psig
(4 to 276 barg)
Code: ASME VIII
KUNKLE MODEL 30 SAFETY VALVE
SAFETY AND RELIEF PRODUCTS

ASME SECTION VIII AIR CAPACITY
10% ACCUMULATION; 60°F (16°C)

<table>
<thead>
<tr>
<th>Set pressure</th>
<th>60</th>
<th>100</th>
<th>250</th>
<th>300</th>
<th>400</th>
<th>500</th>
<th>750</th>
<th>1000</th>
<th>1250</th>
<th>1500</th>
<th>1750</th>
<th>2000</th>
<th>2250</th>
<th>2500</th>
<th>3000</th>
<th>3500</th>
<th>4000</th>
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</thead>
<tbody>
<tr>
<td>psig ([barg])</td>
<td>60</td>
<td>100</td>
<td>250</td>
<td>300</td>
<td>400</td>
<td>500</td>
<td>750</td>
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<td>1250</td>
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<td>2000</td>
<td>2250</td>
<td>2500</td>
<td>3000</td>
<td>3500</td>
<td>4000</td>
</tr>
<tr>
<td>SCFM (Nm³/h)</td>
<td>15</td>
<td>23</td>
<td>54</td>
<td>64</td>
<td>85</td>
<td>105</td>
<td>156</td>
<td>207</td>
<td>258</td>
<td>310</td>
<td>361</td>
<td>412</td>
<td>443</td>
<td>514</td>
<td>617</td>
<td>719</td>
<td>821</td>
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PRTS AND MATERIALS

<table>
<thead>
<tr>
<th>No.</th>
<th>Part name</th>
<th>Material</th>
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<tbody>
<tr>
<td>1</td>
<td>Body</td>
<td>Brass</td>
</tr>
<tr>
<td>2</td>
<td>Guide</td>
<td>Brass</td>
</tr>
<tr>
<td>3</td>
<td>Spring</td>
<td>SS</td>
</tr>
<tr>
<td>4</td>
<td>Compression screw</td>
<td>Brass</td>
</tr>
<tr>
<td>5</td>
<td>Lift ring</td>
<td>SS</td>
</tr>
<tr>
<td>6</td>
<td>Ball</td>
<td>PTFE</td>
</tr>
</tbody>
</table>

SELECTIO N GUIDE

Example: 0030 - A 01 - K M 0250

Model
0030

Inlet size
A ¼"

Variation (01 to 99)
01 Catalog standard NPT connection
60 BSPT connection

Design revision
Indicates non-interchangeable revision
Dash (-) if original design

Spring material
M SS

Set pressure
0060 60 psig (4 barg)
4000 4000 psig (276 barg)

3.88 in. (98.5 mm)
Approx.