PO Check Cartridge
Model No.
47-0333-70

VEKTEK CARTRIDGE MOUNT PILOT OPERATED CHECK VALVE CAVITY DIMENSIONS*

- **M20 x 1.5-6g Thread**
- **12.7 MFT from Bottom of Ø20.65 Bore**
- **Ø18.59 ± 0.05**
- **M4 X 0.7 Thread**
- **205**
- **194**
- **111**
- **Ø16.5**
- **64**
- **R0.51**
- **25.4**
- **25.4**
- **65-3300-02 Step Drill**
- **65-3300-03 Step Reamer**
- **65-3022-01 Tap M20x1.5**

*STANDARD PORT CAVITY. VEKTEK TOOLING AVAILABLE

**NOTE:** Field repair requires a special Check Valve Installation Tool. Please order Model No. 65-6000-00

ILMV703301 REV B

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Inside US 1-800-992-0236

www.vektek.com
Pilot Operated Check Valve

- Cartridge and Manifold Mount versions.
- Sealed pilot piston eliminates cross circuit leakage.
- 5:1 Ratio of Pilot to Check pressure for release.
- Unclamp device sequencer, provides a way to sequence single circuit unclamp timing.
- Flows up to 5.7 l/min at 350 bar maximum pressure.
- Stainless steel cartridge construction.

### Dimensions

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Mounting Style</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
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</thead>
<tbody>
<tr>
<td>47-0331-71</td>
<td>Manifold G 1/4</td>
<td>50.8</td>
<td>41.3</td>
<td>25.4</td>
<td>42.1</td>
<td>39.7</td>
<td>8.7</td>
<td>G 1/4</td>
<td>M8 Plug</td>
<td>26.9</td>
<td>28.6</td>
<td>7.1</td>
<td>11.1</td>
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<tr>
<td>47-0331-70</td>
<td>Manifold Only</td>
<td>44.5</td>
<td>38.1</td>
<td>22.2</td>
<td>38.9</td>
<td>36.5</td>
<td>5.5</td>
<td>N/A</td>
<td>N/A</td>
<td>23.8</td>
<td>N/A</td>
<td>7.1</td>
<td>11.1</td>
</tr>
</tbody>
</table>

For proper sealing, the mating surface must be flat within 0.08 mm with a maximum surface roughness of 1.6 µm Rₐ.