Check valves
Ball type with insert and female threaded sleeve

Description
This valve is composed by a sleeve with an inserted ball type check cartridge.
Flow is always allowed to pass from A to B when pressure at A rises above the spring bias pressure and the ball is pushed from the seat. The valve is normally closed (checked) from B to A. The inserted cartridge can be reached from either port in order to be screwed-in or screwed-out with an Allen type key 3-4-5-6-8 mm, depending from the cartridge size, and from the port used.

Performance

\[ \Delta p \text{ curves vs. flow in "A-B" free flow direction} \]
As seen on the diagram, the cracking pressure is very low.

Advantages
- Very compact design and inline mounting for space saving.
- Mounting position is unrestricted.
- Four sizes provide great adaptability to the system.
Dimensions

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>L</th>
</tr>
</thead>
</table>

Ports size / Dimensions

<table>
<thead>
<tr>
<th>Y</th>
<th>Ports A-B</th>
<th>L (mm) (inches)</th>
<th>Hex (mm) (inches)</th>
<th>Sleeve code</th>
</tr>
</thead>
<tbody>
<tr>
<td>09</td>
<td>G 1/4</td>
<td>48 (1.89)</td>
<td>19 (0.75)</td>
<td>OC.51.02.001</td>
</tr>
<tr>
<td>02</td>
<td>G 3/8</td>
<td>52 (2.05)</td>
<td>22 (0.87)</td>
<td>OC.51.02.002</td>
</tr>
<tr>
<td>03</td>
<td>G 1/2</td>
<td>62 (2.44)</td>
<td>27 (1.06)</td>
<td>OC.51.02.003</td>
</tr>
<tr>
<td>04</td>
<td>G 3/4</td>
<td>70 (2.76)</td>
<td>36 (1.42)</td>
<td>OC.51.02.004</td>
</tr>
</tbody>
</table>

Z

CRACKING PRESSURE bar (psi)

<table>
<thead>
<tr>
<th>G 1/4</th>
<th>G 3/8</th>
<th>G 1/2</th>
<th>G 3/4</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.3 (33.4)</td>
<td>1.75 (25.4)</td>
<td>1.75 (25.4)</td>
<td>0.3 (4.4)</td>
</tr>
</tbody>
</table>

Ordering code

OE.U4.01.01 Y Z

Ball type with insert and female threaded sleeve

Cracking pressure see table “Z”

Ports size / Dimensions see table “Y”

Type | Material number
--------|------------------|
OEU401010201 | R932007264 |
OEU401010301 | R932007265 |
OEU401010401 | R932007266 |
OEU401010901 | R932007263 |

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Subject to change.