TECHNICAL CHARACTERISTICS
OF THE CERAMIC DISCS:

- Material: \( \text{AL}_2\text{O}_3 \)
- Surface roughness Ra: 0.2 \( \mu \text{m} \)
- Contact surface area: 50-80%

TECHNICAL CHARACTERISTICS
OF THE CARTRIDGE:

- Opening angle: 25°
- Max mixing angle: 90°
- Max temperature: 90°C/194°F
- Recommended tightening torque: 12-13 Nm / 106-115 lbf*in

FLOW RATE & Hysteresis Curves

<table>
<thead>
<tr>
<th>Pressure [bar]</th>
<th>Flow rate [l/min]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pneumatic: 6 bar / 87 psi</td>
<td>11.1°C</td>
</tr>
<tr>
<td>Hydrualic: 35 bar / 500 psi</td>
<td>20.1 l/min / 5.3 gpm with resistance „C”</td>
</tr>
</tbody>
</table>

FLOW RATE CURVES

<table>
<thead>
<tr>
<th>Pressure [bar]</th>
<th>Flow rate [l/min]</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0, 0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0</td>
<td>0, 5, 10, 15, 20, 25, 30, 35</td>
</tr>
</tbody>
</table>

Endurance test:
- EN 817: 70 000 cycles
- ASME A 112.18.1M: 500 000 cycles
K-35 CARTRIDGES
A • B • C • D

Cartridges with hot limit ring & volume limit screw

Cartridges without hot limit ring & volume limit screw

Faucet