TECHNICAL CHARACTERISTICS OF THE CERAMIC DISCS:

<table>
<thead>
<tr>
<th>Material</th>
<th>$\text{Al}_2\text{O}_3$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface roughness Ra</td>
<td>$0.3 , \mu\text{m}$</td>
</tr>
<tr>
<td>Contact surface area</td>
<td>$50-80%$</td>
</tr>
</tbody>
</table>

TECHNICAL CHARACTERISTICS OF THE CARTRIDGE:

- Rotating angle: $360^\circ$
- Max. temperature: $90^\circ \text{C} / 194^\circ \text{F}$
- Recommended tightening torque: $12-13 \, \text{Nm} / 106-115 \, \text{lbf.in}$
- Pressure test: air $6 \, \text{bar} / 87 \, \text{psi}$
  water $35 \, \text{bar} / 500 \, \text{psi}$
- Flow rate:
  (3 bar / 44 psi, test faucet, EN 817)
  $36 \, \text{l/min} / 9.6 \, \text{gpm}$ without resistance
- Endurance test:
  EN 817 $70,000$ cycles
  ASME A112.18.1 $500,000$ cycles

FLOW RATE CURVES

- With three separate output ports, this ceramic diverter cartridge provides three rotational settings:
- Click in each position.
- Ideal for shower panels.
- Don’t close any of the three separate output ports after the faucet.

![Flow rate curves graph](image)