**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>0.2 $\mu$m</td>
</tr>
<tr>
<td>Contact surface area:</td>
<td>50-80%</td>
</tr>
</tbody>
</table>

**TECHNICAL CHARACTERISTICS OF THE CARTRIDGE:**

- **Mixing angle:** 90°
- **Max temperature:** 90°C/194°F
- **Recommended tightening torque:** 12-13 Nm / 106-115 lbf•in
- **Pressure test:**
  - **Pneumatic:** 6 bar / 87 psi
  - **Hydraulic:** 35 bar / 500 psi
- **Constant flow rate in the 30°-90° range.**
- **Flow rate:**
  - (3 bar / 45 psi, test faucet, EN 817)
  - 26 l/min / 6.9 gpm without resistance
- **Endurance test:**
  - **EN 817** 70 000 cycles
  - **ASME A 112.18.1M** 500 000 cycles

**Rotational action provides on-off and temperature control.**

**Characteristics and operation are as per basic model KR-35.**

**Mixed water flows through cartridge stem into the spout.**

**Ideal for new faucet designs.**

**Different stem specification also available.**

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**FLOW RATE & HYSTERESIS CURVES**

Shower faucet, without resistance

**Water pressure:** 3 bar

**Flow rate & hysteresis curves**

- Cold -> Hot
- Hot -> Cold

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[Graph showing flow rate and hysteresis curves for Cold and Hot water]
FT-35 CARTRIDGES
A • B • C • D

FT-35 with „OM” stem

FT-35 with „FR” stem

DIFFERENT STEM SPECIFICATION ALSO AVAILABLE.