**Open House Ceramic Mixing Cartridge**

**Type 25 mm Size**

**Model K-25OP**

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### TECHNICAL CHARACTERISTICS OF THE CERAMIC DISCS:

- **Material:** $\text{Al}_2\text{O}_3$
- **Surface roughness Ra:** 0.3 $\mu$m
- **Contact surface area:** 50-80%

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### TECHNICAL CHARACTERISTICS OF THE CARTRIDGE:

- **Opening angle:** 25°
- **Mixing angle:** 100°
- **Max water pressure:** 35 bar / 500 psi
- **Max temperature:** 90 °C / 194 °F
- **Clamping zone:** 24.5±0.05 mm

**Pressure test:**
- **Pneumatic:** 6 bar / 87 psi
- **Hydraulic:** 35 bar / 500 psi

**Flow rate:**
- (3 bar / 45 psi, test faucet, EN 817)
- **13.5 l/min / 3.5 gpm** without resistance

**Endurance test:**
- EN 817 70 000 cycles

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- Rotational action provides temperature control. The mixed water runs out from two outputs simultaneously (house and bottom).
- Opening action provides flow rate control.

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**FLOW RATE & HYSTERESIS CURVES**

Test faucet, without resistance

Water pressure: 3 bar

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**FLOW RATE CURVES**

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- Flow rate without resistance
- Rotational range within comfort zone
K-25OP CARTRIDGES
K-25OP • K-25OP M • K-25OP S

Faucet

Cartridges

K-25 OP
K-25 OP M
K-25 OP S