Ceramic Mixing Cartridges
Conventional Single-lever Type 25 mm Size
Model K-25 ND
for “non-pressurized” application

**TECHNICAL CHARACTERISTICS OF THE CERAMIC DISCS:**

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

**TECHNICAL CHARACTERISTICS OF THE CARTRIDGE:**

- **Opening angle:** 22°
- **Mixing angle:** 100°
- **Max temperature:** 90°C / 194°F

**Recommended tightening torque:**
8 Nm / 70 lbf•in

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

**Flow rate:**
(3 bar / 45 psi, test faucet, EN 817)
12.2 l/min / 2.7 gpm without resistance

**Endurance test:**
- EN 817: 70 000 cycles
- ASME A 112.18.1M: 500 000 cycles

**“NON-PRESSURIZED” FUNCTION:**
This cartridge can be used in “non-pressurized” application. Example for installation:

**FLOW RATE CURVE:**
Test faucet, without resistance

**COMFORT CURVE:**
Test faucet, without resistance
Water pressure: 3 bar
The cold water from the cartridge and the hot water from the water heater have to be mixed inside the faucet. It has to be prepared outside the cartridge by the faucet manufacturers.
INTERCHANGEABLE WITH 25MM CONVENTIONAL SINGLE-LEVER CARTRIDGES.

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