Ceramic Mixing Cartridges
Conventional Single-lever Type 40 & 42 mm Sizes
Models KO-40

TECHNICAL CHARACTERISTICS
OF THE CERAMIC DISCS:

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

TECHNICAL CHARACTERISTICS
OF THE CARTRIDGE:

- Opening angle: 25°
- Mixing angle: 110°
- 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
- Flow rate:
  - (3 bar / 45 psi, test faucet, EN 817)
  - 22.1 l/min / 5.8 gpm with resistance „C”
  - 33.5 l/min / 8.8 gpm without resistance
- Endurance test:
  - EN 817: 70 000 cycles
  - ASME A 112.18.1M: 500 000 cycles

- Very high pressure capability in open position and closed position as well.
- Interchangeable with 40mm conventional single-lever cartridges.

FLOW RATE & HYSTERESIS CURVES

FLOW RATE CURVES
KO-40 CARTRIDGES
A • B • C • D

Cartridges with hot limit ring

Cartridges without hot limit ring

Faucet

KO-40 A
KO-40 B
KO-42 C
KO-42 D