Open House Ceramic Mixing Cartridge
Type 25 mm Size
Model K-25OP DLC

TECHNICAL CHARACTERISTICS
OF THE CERAMIC DISCS:

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

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 & HYSTERESIS CURVES

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

DLC COATED KEROX CERAMIC DISCS

- Improved durability
- Withstands aggressive cleaning agents
- Works well with or without grease

DIAMOND-LIKE CARBON COATING

- Utilizes the hardest material known to man
- Diamond-like structure
- Makes surface harder
- Environmentally friendly

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