TECHNICAL CHARACTERISTICS OF THE CERAMIC DISCS:

- Material: \( \text{AL}_2\text{O}_3 \)
- Surface roughness Ra: 0.3 \( \mu \text{m} \)
- Contact surface area: 50-70%

TECHNICAL CHARACTERISTICS OF THE CARTRIDGE:

- Max. mixing angle: 180°
- Max. water pressure: 35 bar / 500 psi
- Max temperature: 90 °C / 194 °F
- Recommended tightening torque: 12 Nm / 106 lbf•in
- Pressure test:
  - Pneumatic: 6 bar / 87 psi
  - Hydraulic: 35 bar / 500 psi
- Flow rate:
  - (3 bar / 45 psi, test faucet, EN 817) 
    30.5 l/min / 8.05 gpm without resistance
  - ECO: 6.6-9.6 l/min / 1.7-2.5 gpm with A resistance
- Endurance test:
  - EN 817 70 000 cycles
  - ASME A 112.18.1M 500 000 cycles

- This model can be used as a diverter cartridge only. Pre-mixed water enters port 3 and exits port 1 or 2. The cartridge shuts off in the middle position with a tactile “click”.

- Ideal for use in tub & shower valves. This cartridge can also be used for diverting incoming water through filtration system for dedicated drinking purposes.

- ECO funkcion saves water: There is a tactile „click” in the right quadrant of the movement range at 37°, which provides economical flow rate. To obtain high flow, user have to override the „resistance bump”. The stem can be turned back without ECO „click”.

- Interchangeable with KDZ-35HT cartridges.