TECHNICAL CHARACTERISTICS
OF THE CERAMIC DISCS:

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

TECHNICAL CHARACTERISTICS
OF THE CARTRIDGE:

Movement range: \(90^\circ\)
Max. temperature: \(90^\circ\text{C} / 194^\circ\text{F}\)
Max. tightening torque: \(8-9 \text{ Nm} / 70-80 \text{ lbf-in}\)
Pressure test:
  - pneumatic: \(6 \text{ bar} / 87 \text{ psi}\)
  - hydraulic: \(35 \text{ bar} / 500 \text{ psi}\)
Flow rate:
  - \(3 \text{ bar} / 45 \text{ psi}\), test faucet, EN 817
  - \(35 \text{ l/min} / 9.3 \text{ gpm}\) without resistance
Endurance test:
  - EN 200: 200 000 cycles
  - ASME A112.18.1: 500 000 cycles

- Finest engineering polymers assure high strength, dimensional precision and resistance to liming.
- Ideal for stainless steel faucet.

Open-Anti-Clockwise blue gasket
Open-Clockwise red gasket

FLOW RATE CURVE
HV - $\frac{1}{2}''$

**CARTRIDGES**

$\frac{1}{4}$ Turn • $\frac{1}{2}''$ Sizes

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**Cartridge**

**Stem of the cartridge**

**Bodies**