

### TECHNICAL CHARACTERISTICS OF THE CERAMIC DISCS:

Material:	<b>AL<sub>2</sub>O<sub>3</sub></b>
Surface roughness Ra:	<b>0.2 μm</b>
Contact surface area:	<b>50-80%</b>

### TECHNICAL CHARACTERISTICS OF THE CARTRIDGE:

Opening angle:	<b>25°</b>
Mixing angle:	<b>90°</b>
Max temperature:	<b>90°C/194°F</b>

Recommended tightening torque:

**12-13 Nm / 106-115 lbf·in**

Pressure test:

Pneumatic:	<b>6 bar / 87 psi</b>
Hydraulic:	<b>35 bar / 500 psi</b>

Flow rate:

(3 bar / 45 psi, test faucet, EN 817)

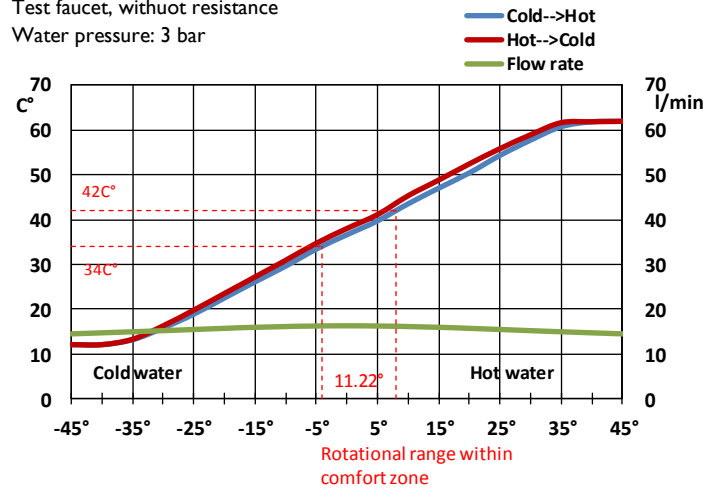
**16.3 l/min / 4.3 gpm** without resistance

Endurance test:

EN 817	70 000 cycles
ASME A 112.18.1	500 000 cycles

### FLOW RATE & HYSTERESIS CURVES

Test faucet, without resistance  
Water pressure: 3 bar



### FLOW RATE CURVE

