

#### 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)

**11.6 l/min / 3.1 gpm** with resistance „A”

**14.6 l/min / 3.9 gpm** with resistance „B”

**15.5 l/min / 4.1 gpm** with resistance „C”

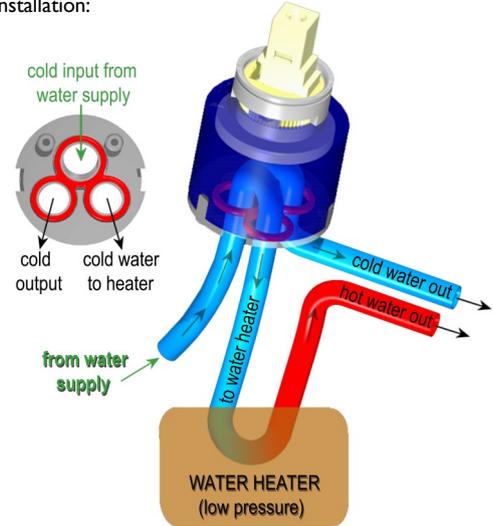
**18.6 l/min / 4.9 gpm** without resistance

#### Endurance test:

EN 817	70 000 cycles
ASME A 112.18.1M	500 000 cycles

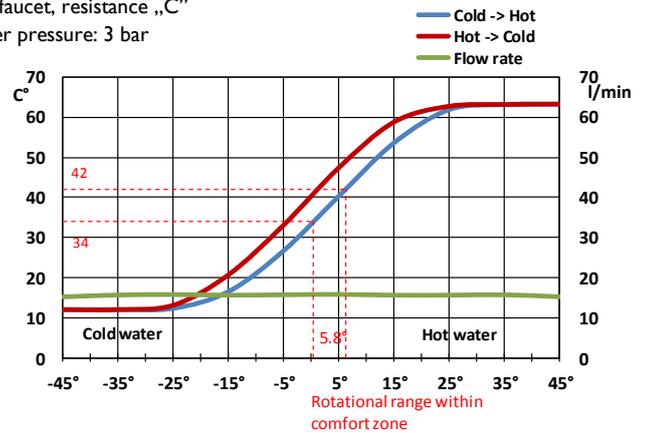
#### „NON-PRESSURIZED” FUNCTION

This cartridge can be used in „non-pressurized” application.  
Example for installation:

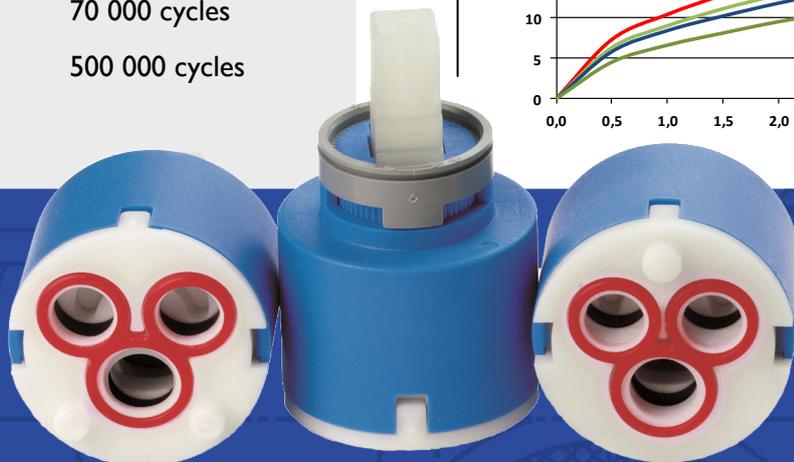
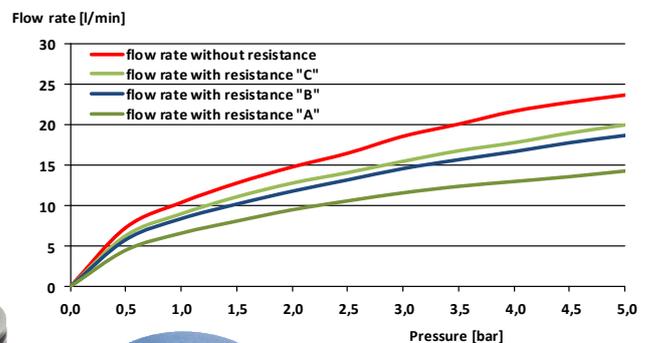


#### FLOW RATE & HYSTERESIS CURVES

Test faucet, resistance „C”  
Water pressure: 3 bar



#### FLOW RATE CURVES



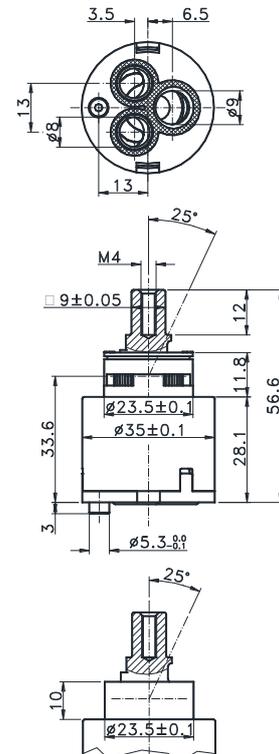
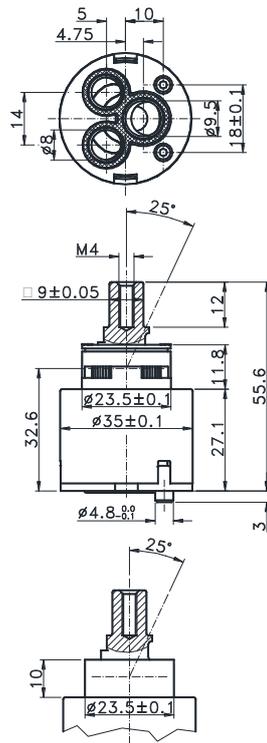
# K-35ND

## CARTRIDGES

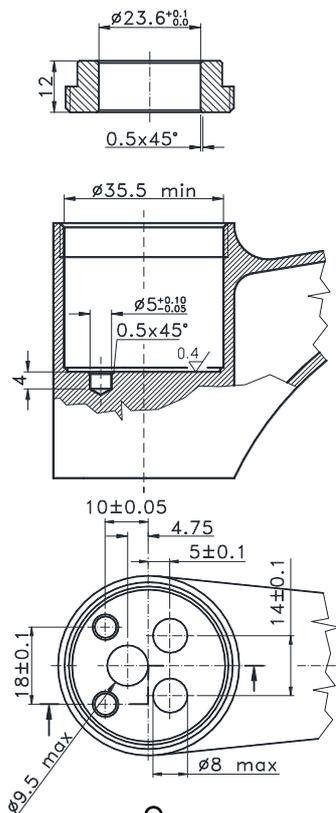
A • C

Cartridges with hot limit ring & volume limit screw

Cartridges without hot limit ring & volume limit screw

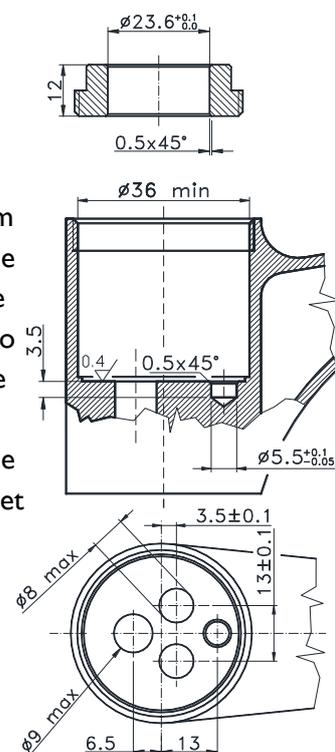


**INTERCHANGEABLE WITH 35 MM CONVENTIONAL SINGLE-LEVER CARTRIDGES.**



K - 35 A ND

The cold water from the cartridge and the hot water from the water heater have to be mixed inside the faucet. It has to be prepared outside the cartridge by the faucet manufacturers.



K - 35 C ND

Faucet