

## KDZ-35 A•B•C•D

CERAMIC MIXING CARTRIDGES

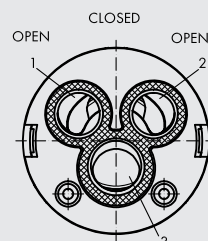
DIVERTER TYPE

35 MM SIZES



MADE in the EUROPEAN UNION

- This model can be used as a diverter cartridge only. Premixed water enters port 3 and exits either 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.

### 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%                  |

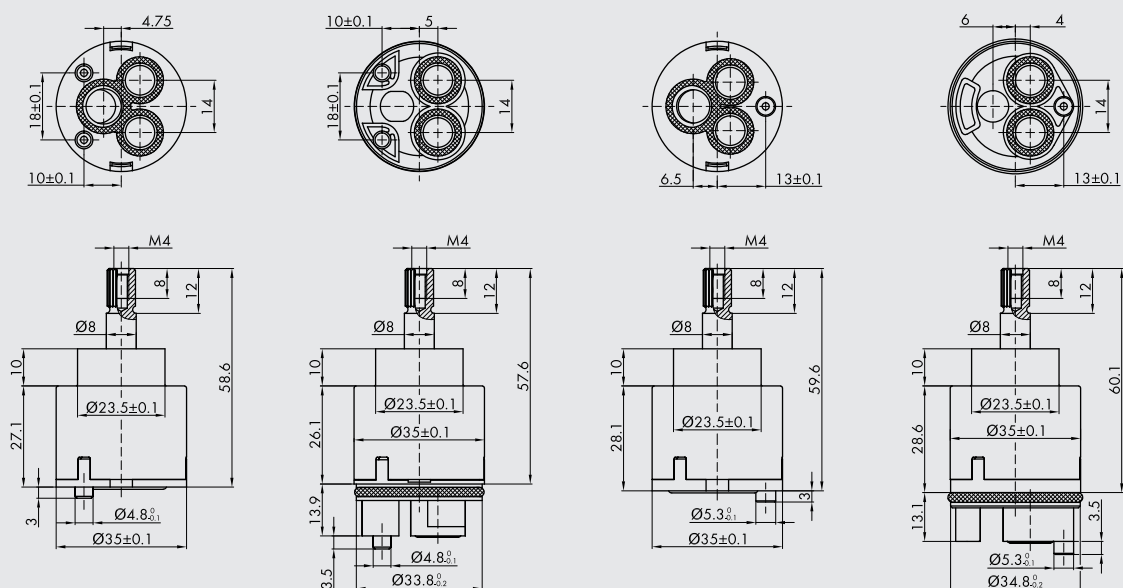
### TECHNICAL CHARACTERISTICS OF THE CARTRIDGE:

|                                |                                                                                   |
|--------------------------------|-----------------------------------------------------------------------------------|
| Opening angle:                 | $\pm 45^\circ$                                                                    |
| Max. temperature:              | 90°C / 194°F                                                                      |
| Recommended tightening torque: | 12-13 Nm / 106-115 lbf•in                                                         |
| Pressure test:                 |                                                                                   |
| pneumatic                      | 6 bar / 87 psi                                                                    |
| hydraulic                      | 35 bar / 500 psi                                                                  |
| Flow rate                      | (3 bar / 45 psi, test faucet, EN 817):<br>29.6 l/min / 7.8 gpm without resistance |
| Endurance test:                |                                                                                   |
| EN 817                         | 70 000 cycles                                                                     |
| ASME A112.18.1                 | 500 000 cycles                                                                    |

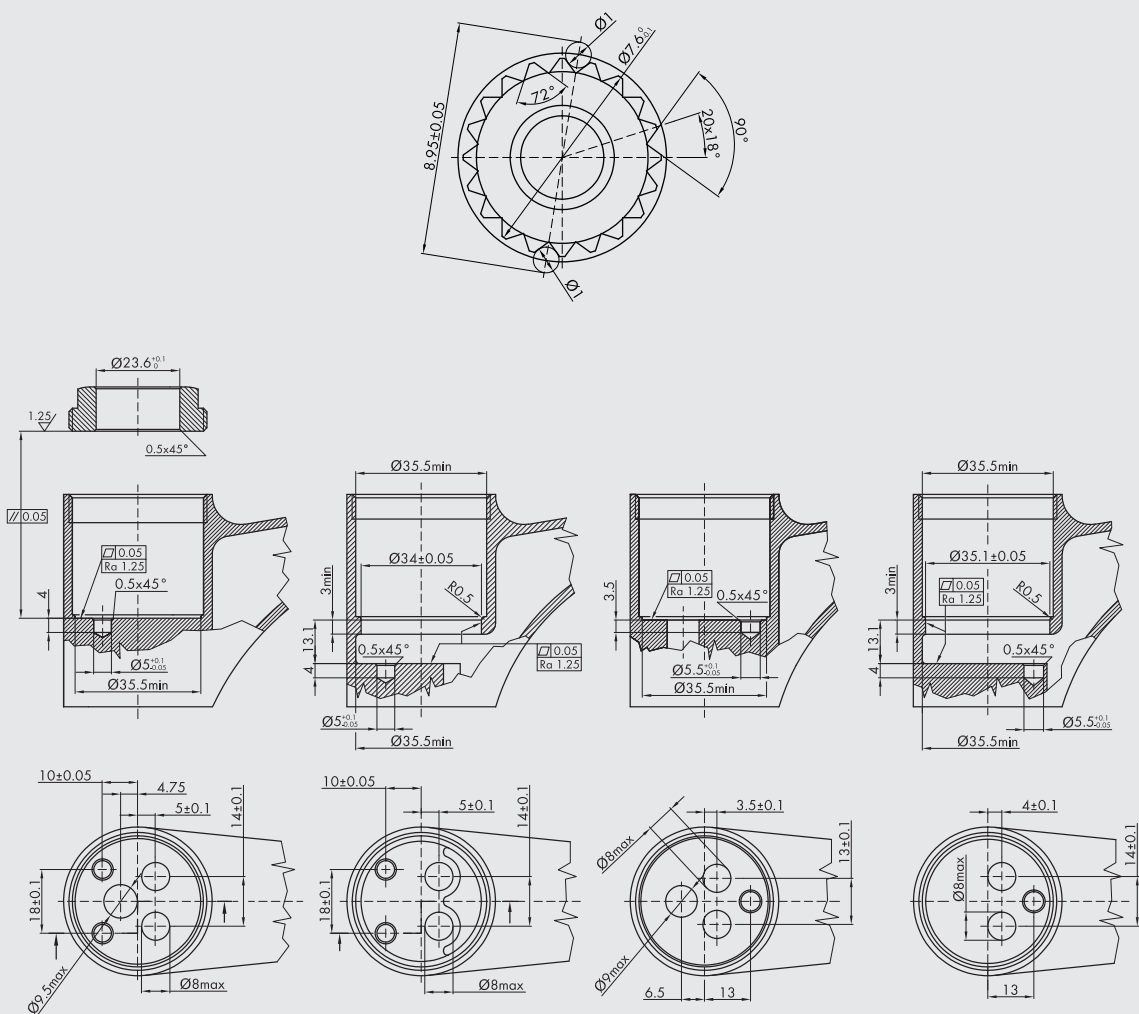
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CERAMIC MIXING CARTRIDGES  
DIVERTER TYPE  
35 MM SIZES

## CARTRIDGES



## BODIES



KDZ-35 A

KDZ-35 B

KDZ-35 C

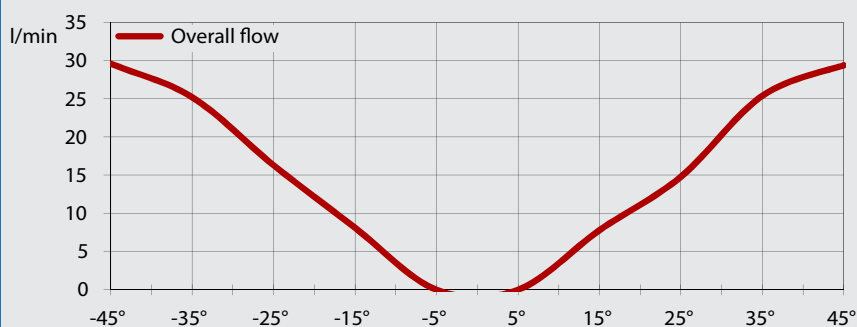
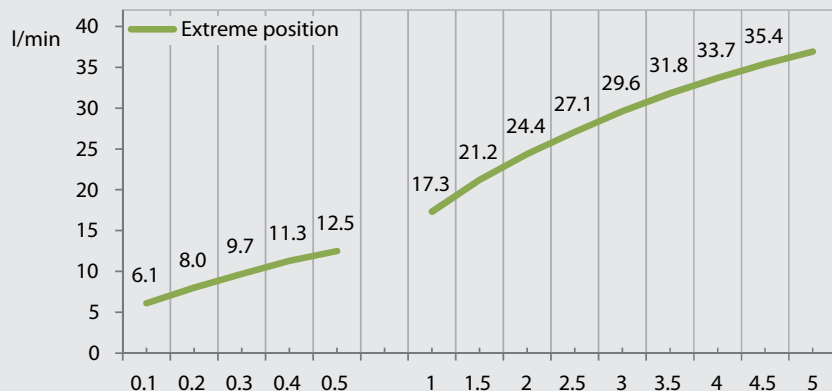
KDZ-35 D



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## FLOW RATE CURVES



### General requirements for nut and faucet:

1. Made of solid metal material instead of plastic
2. Usage of any lubricant on threads is not allowed
3. No sharp or burry sections at sealing surfaces
4. Recommended tightening torque is relevant to brass-brass connection with 1.5 mm thread pitch.

