

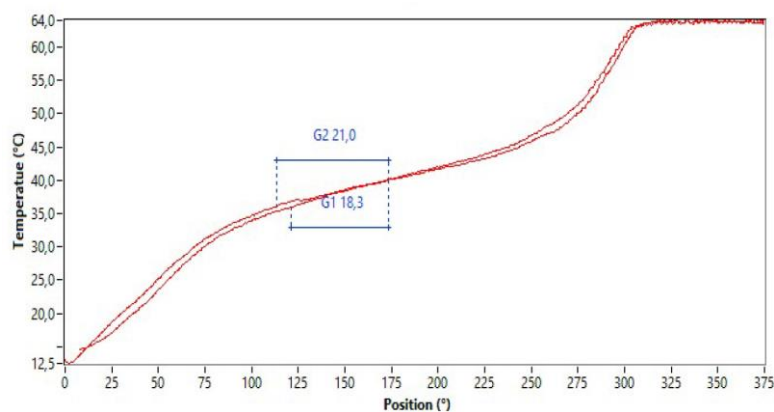
# Thermostatic cartridge **TM006 BASIC** 07TM0607



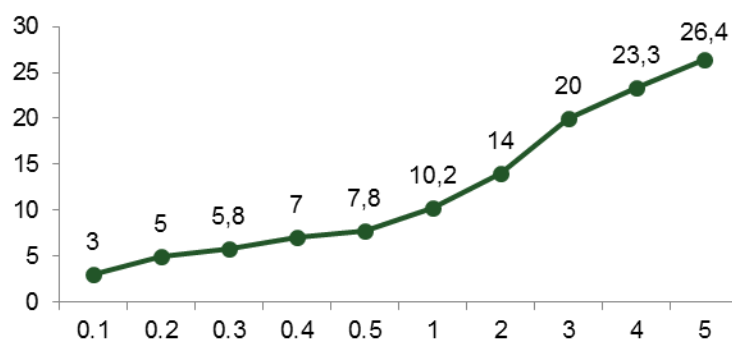
## (\*) Technical specifications

|                                         |                                       |
|-----------------------------------------|---------------------------------------|
| Nut torque/Pich M1,5                    | 8 ÷ 10 Nm                             |
| Standards                               | EN-1111                               |
| Burst pressure                          | >25 bar/ 1 min                        |
| Life cycle - EN 1111                    | 50,000 cycles                         |
| Max. Hot water temperature              | 90 °C                                 |
| Max. turn angle for stoppers            | ±170°angle<br>(from 38°C in 0° angle) |
| Noise level                             | 17,80 ÷ 20,10 db                      |
| <b>Smooth feeling movement</b>          |                                       |
| Turn left-right                         | 0.03 ÷ 0.18 Nm                        |
| Sensitivity (36-40°C)<br>(handle 20 mm) | 18-21 mm                              |
| Cold water supply failure test          | Perfect cutting                       |
| Flow rate (free)                        | 20 l/min at 3 bar                     |

## Sensitivity curve



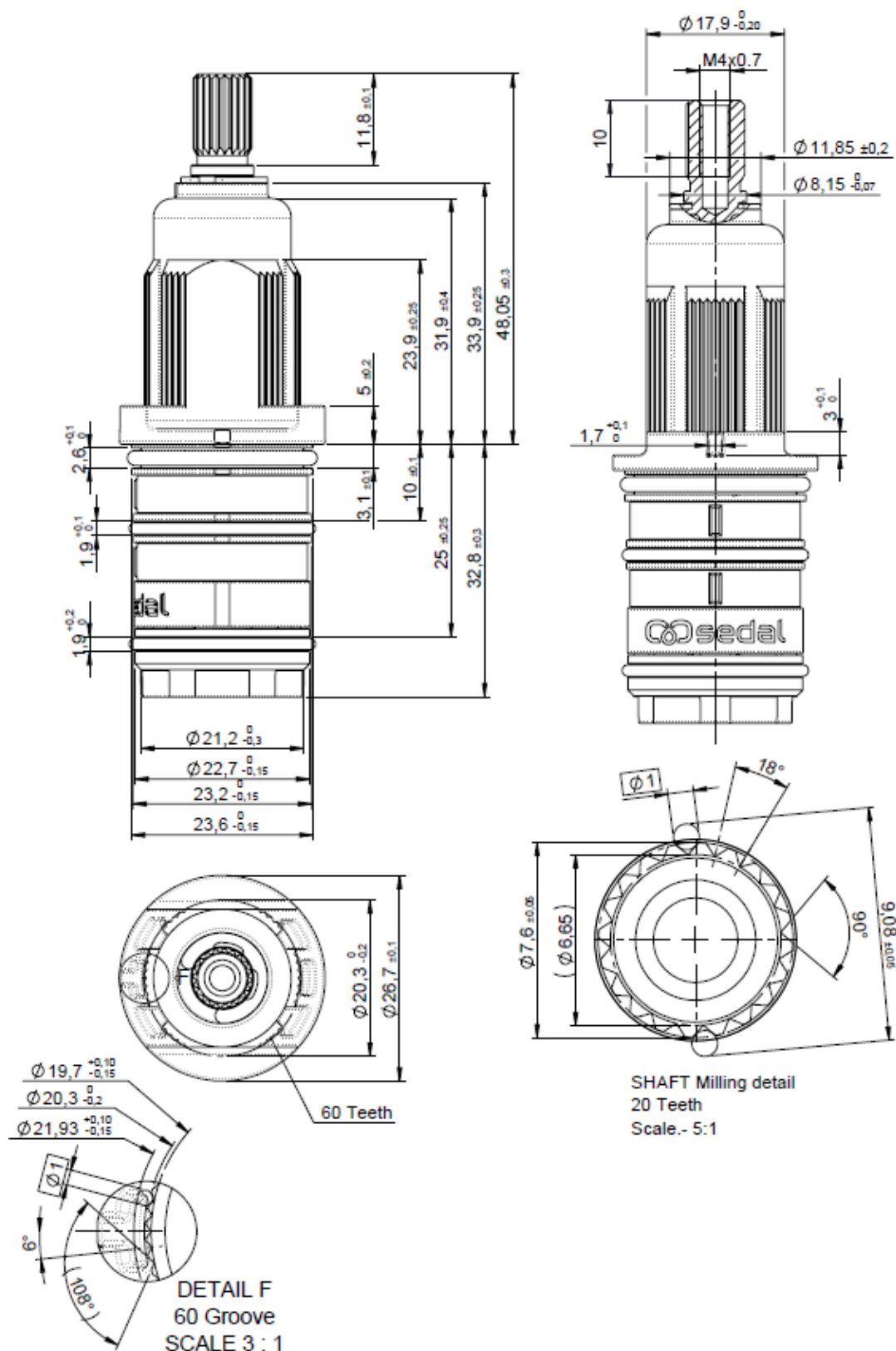
## Flow rate curve



(\*) Measured with Sedal's faucet

Thermostatic  
cartridge  
TM006 BASIC

Technical dimensions



Technical drawing of a mechanical part, likely a valve or connector, showing a cross-section with dimensions and features.

**Dimensions and Tolerances:**

- Overall diameter:  $\phi 28$
- Inner bore diameter:  $\phi 24 \pm 0,05$
- Inner bore diameter (lower section):  $\phi 23,6 \pm 0,05$
- Outer diameter (lower section):  $\phi 23,1 \pm 0,05$
- Outer diameter (bottom flange):  $\phi 12$
- Length of main body: 13
- Length of lower section: 24,6 max
- Length of bottom flange: 34 min
- Flange thickness: 4
- Flange thickness (lower section): 5
- Flange thickness (bottom flange): 12,5
- Flange thickness (bottom flange): 9

**Features and Annotations:**

- Feature B: 45° chamfer
- Feature C: 30° chamfer
- Feature D: 30° chamfer
- Feature E: 30° chamfer
- Surface finish: Ra 0.8
- Surface texture symbol:  $\phi 0.1$  B-C-D-E
- Labels: COLD WATER INLET, HOT WATER INLET