

Technical Specifications

| | |
|--|-------------------------------|
| Nut torque / Pitch M1,5 | 10 - 12 Nm |
| Opening angle | 12° |
| Rotation angle | 100° |
| Working pressure (recommended) | 1 - 5 bar |
| Burst pressure | <50 bar |
| Life cycle | - EN 817 NF U3 175.000 cycles |
| | - x2 ASME 1.000.000 cycles |
| | - x2 GB18145 140.000 cycles |
| Sensitivity | 10 - 12 mm |
| Fidelity | <3 °C |
| Constant 63 °C & 50 °C (6 l/min - 3 l/min) | <4 °C & <6°C |
| Max. hot wate | 90 °C |

| | |
|--------------------------|-------------------------------------|
| Flow Rate @ 3 bar | |
| Free flow | 31,5 l/min (C/D) & 28,6 l/min (S/D) |
| C-restrictor | 22,1 l/min (C/D) & 21,1 l/min (S/D) |

| | |
|-----------------------|-----------------|
| Opening Torque | |
| Open - close | 0,2 - 0,4 |
| Turn left - right | 0,2 - 0,4 |
| Noise level | 16 ± 2 dB (C/D) |

Tested with proprietary fixtuess at Sedal Lab.
(¹) Considering restrictor & faucet body type

Sedal

Sedal Group

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Thedra Range



Advantages

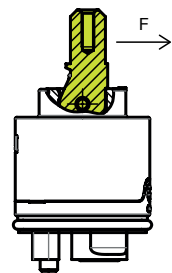
Advanced Ceramic with SedalOX

The new Thedra features SedalOX®, a high-performance ceramic set enhanced with Nano Shelter Technology, which retains grease on the disc surface and extends durability—doubling ASME life cycle results.



Mechanical Resistance and Control

Thedra is designed to meet the toughest technical requirements from faucet manufacturers—compression, torque, handle load, burst pressure, and life cycle performance. It delivers smooth but firm user operation thanks to Sedal's Glide Feel Technology.



Quiet Operation

The Thedra cartridge range includes NF Class I compliant models, thanks to the perfect integration of the movable ceramic with the holder and the use of Sedal's Noise Cancelling Technology.

This ensures noise levels as low as 20 dB, making it ideal for bath, shower, basin, and kitchen applications.



Thedra technologies

The new Thedra cartridges are built using high-performance materials and precisely manufactured components. They feature advanced technologies developed by Sedal, such as Glide Feel Technology, Ceramic Nano Shelter, Noise Cancelling, and AccuDue, combining smooth operation with reliability and efficiency.



Extended Lifetime

The new Thedra cartridge delivers performance far beyond the average, exceeding ASME life cycle requirements by up to 5 times.

Its extended lifespan offers manufacturers and users the long-term reliability and peace of mind expected from a high-quality, durable component.



Award-Winning Design

Thedra was granted the Red Dot Award in 2019. Its unique design makes it unmistakably recognizable and difficult to replicate. But more than that—its smart design also allows it to perform above expectations.



reddot award 2016
winner

Thedra Cartridges

Standard, TR, TRN



Due, TR, TRN



Cold, TR, TRN



Cold Due, TR, TRN



Niederdruck



EcoFlow



High Flow, TR, TRN



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