

Sedal

TOP Range



The faucet's heart

Featuring



Higher flow rate

TOP has a 5% more flow rate than the average in its market segment. It also has up to 5% more flow rate than its closest competitor and it is substantially higher than the standard cartridges.



The best in sensitivity

TOP has a 10% more sensitivity than its closest competitor, and more than 20% of sensitivity than the average cartridges in the market.



Lower noise level

TOP fits NF class 3 <15dB, class 2 <20dB, 20% less noise than the average in its market segment and less than its closest competitor.



Extraordinary comfort

TOP has an extraordinary operational comfort, with smooth operation even in hot water conditions, offering to the user a 11% more comfort than the average in its market segment.



Mechanical strength

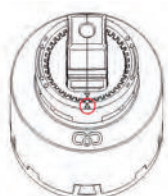
TOP offers a 25% more mechanical strength than standard 35 mm cartridges in the market.



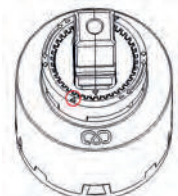
Advantages

Temperature limiter function

Allows limiting maximum temperature in 10 selectable stops (every 9°), enabling an anti-scalding safety feature.



Open at 0°



Open at 27°

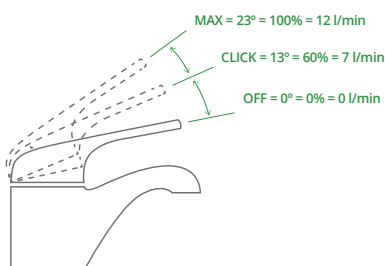
Flow limiter function

Allows water saving at the same time thanks to a flow limiter.



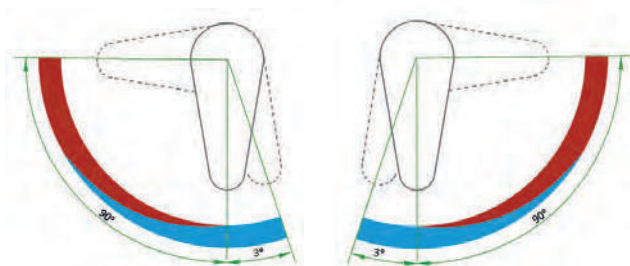
Due Technology

For an easier control of water flow, this feature presents a slight resistance to indicate that the fitting is using approximately a 50% of its flow.



Cold and Mirror Technology

The lever is in cold position by default, saving up to 10% from the household energy consumption.



Versions



EN-25

- Standard
- Due
- Cold
- Cold Due
- Cold Mirror
- Cold Due Mirror



EX-25

- 12,5° / 12,5°
- 0° - 23°



EX-28

- Standard
- Due
- Cold
- Cold Due



EN-35 TOP

- Standard
- Due
- Cold
- Cold Due
- Cold Mirror



EX-35 TOP

- Standard
- Due
- Cold
- Cold Due



G-35 TOP

- Standard
- Due
- Cold
- ColdDue



CC-35 TOP

- Standard
- Due
- Cold
- Cold Due

Sedal's TOP cartridge range is compliant to the following standards (according to versions-features):

C1,C2, C3, NF ECAU

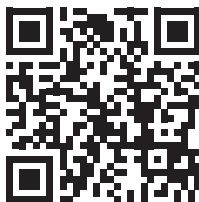
Technical Specifications

	EN-25 TOP	EX-25 TOP	EX-28 TOP	EN-35 TOP	EX-35 TOP	G-35 TOP	CC-35 TOP
Nut torque/Pitch M1,5	7 - 8 Nm	7 - 8 Nm	7 - 8 Nm	10 - 12 Nm	10 - 12 Nm	10 - 12 Nm	10 - 12 Nm
Opening angle	22,5°	0 - 23° / 12,5°-12,5°	22°	23°	23°	23°	23°
Rotation angle	100°	100°	90°	100°	100°	100°	100°
Working pressure (recommended)	1 - 5 bar	1 - 5 bar	1 - 5 bar	1 - 5 bar	1 - 5 bar	1 - 5 bar	1 - 5 bar
Burst pressure	>50 bar	>50 bar	50> bar	>50 bar	>50 bar	>50 bar	>50 bar
Life cycle- ASME	1.500.000 cycles	1.500.000 cycles	1.500.000 cycles	1.500.000 cycles	1.500.000 cycles	1.500.000 cycles	1.500.000 cycles
EN 817 (NF-077 U3)	175.000 cycles	175.000 cycles	175.000 cycles	175.000 cycles	175.000 cycles	175.000 cycles	175.000 cycles
GB-18145	210.000 cycles	210.000 cycles	140.000 cycles	210.000 cycles	210.000 cycles	210.000 cycles	210.000 cycles
Sensitivity ⁽¹⁾ (EN 817)	>12°	>12°	>12°	>12°	>12°	>12°	>12°
Fidelity ⁽¹⁾ (NF-077)	<5°	<5°	<5°C	<5°C	<5°C	<5 °C	<5 °C
Constant 63 °C & 50 °C (6 l/min - 3 l/min)	<4 °C - <6 °C	<4 °C - <6 °C	<4°C - <6°C	<4°C - <6°C	<4°C - <6°C	<4°C - <6°C	<4°C - <6°C
Max. hot water limit	90°C	90°C	90°C	90°C	90 °C	90 °C	90 °C
Flow rate at 3 bar ⁽¹⁾							
Free flow ⁽¹⁾	14,8 l/m	12,70 l/m	14 l/min	28,1 l/min (C/D) (29.5) 27,5 l/min (S/D) (29.0)	27,3 l/min (C/D)	27,7 l/min	26 l/min
Operation Torque							
Open-close	0,20 - 0,40 Nm	0,15 - 0,40 Nm	0,15 - 0,30 Nm	0,20 - 0,40 Nm	0,20 - 0,40 Nm	0,20 - 0,40 Nm	0,20 - 0,40 Nm
Turn left-right	0,15 - 0,35 Nm	0,10 - 0,40 Nm	0,15 - 0,30 Nm	0,20 - 0,40 Nm	0,20 - 0,40 Nm	0,20 - 0,40 Nm	0,20 - 0,40 Nm
Noise level Group I EN 817 Class A2/A3 NF077	Acoustic Group I <20 dB	Acoustic Group I <20 dB	Acoustic Group I <20 dB	Acoustic Group I <20 dB	Acoustic Group I <20 dB	Acoustic Group I <20 dB	Acoustic Group I <20 dB

-Hammer test NF-077.

-High temp. pressure test AS-NZS

Tested with proprietary fixtures at SEDAL lab. (1) Considering restrictor & faucet body type



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