

Sedal

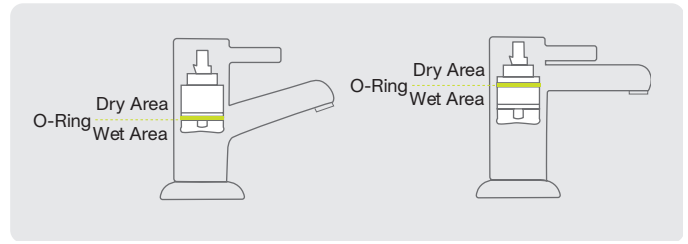
Upper Sealing



The faucet's heart

Upper Sealing

Upper sealed cartridges allow the manufacturer to work with different faucet configurations, including those in which the spout is located on the upper side. Some of these cartridges also provide extra productivity thanks to their design and innovative solutions and materials.



Features

ECO

Cartridges identified with an ECO icon offer at least one environmental sustainability feature.

Cold Technology

Energy saving feature thanks to the internal design of the cartridge, flowing cold water when the lever is centered.

Due Technology

Water flow optimization thanks to a mid-way stop at 60% of the lever stroke that provides up to 50% water saving.

Flow limiter

Limit maximum water flow for water saving.

Temperature & Flow Limiter (TRN)

The flow can be limited thanks to the screw located in the cartridge lever. The ring limits the maximum temperature

Temperature Limiter (TR)

Optional ring called TR that allows limiting maximum temperature in 10 selectable stops (every 9°), enabling an anti-scalding safety feature.

TOP



EX-35 TOP

Compact cartridges feature a minimal distributor in the body size of a flat base cartridge.



G-35 TOP

G-35 TOP is a standard sized high base cartridge with an upper seal area to allow a higher position at the spout.



EX-28

The EX-28 provides a slim design capability. It features soft operational movement thanks to a high grade ceramics and allows to aim for the most demanding standards.

Standard



Modern Faucet designs

This kind of cartridge allows modern faucet design options thanks to its multiple configurations.

Eco features

35 mm and 40mm standard upper sealing cartridges are available with a due option, a feature that provides up to 50% water saving thanks to a mid-way stop at 60% of the lever stroke.

35mm cartridge is also available with temperature and flow limiters.

Different faucet configurations

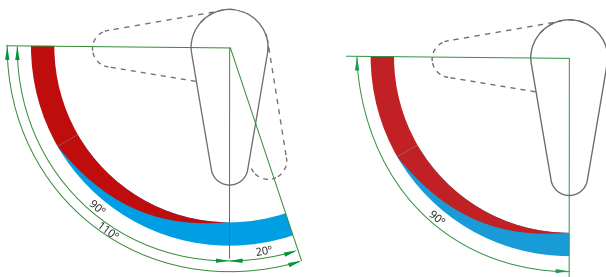
35mm and 40mm standard upper sealing allows the manufacturer to work with different faucet configurations, including those in which the spout is located on the upper side.

Cold Opening

Cold opening

Sedal has developed a new version of standard upper sealing cartridges of 35mm with cold start opening, which flows cold water when the lever is centered.

This energy saving feature will help the user to have a better control of energy consumption. We offer two angle versions: 110° and 90°.



Direct Plug-in



Direct plug-in CC-35

Hoses are threaded directly into the cartridge with direct inlet connections

Cost savings

Direct plug-in allows lighter faucet body and consequently the manufacturer has process and brass savings.

Eco features

35 mm direct plug-in cartridges are available with temperature and flow limiters. There is also a due version for water saving.

Versions

CC-35 is available in standard black version or basic white version.

15%

Process saving

8%

Bass saving



Compact

Minimalism with high performance

Compact cartridges allow the manufacturer to create minimalistic faucets without giving up the high-performance features of the cartridges.

Eco features

35 mm and 40mm compact cartridges are available with a due option, a feature that provides up to 50% water saving thanks to a mid-way stop at 60% of the lever stroke.

35mm cartridge is also available with temperature and flow limiters.



Technical Specifications

	EX-28 TOP	CC-35	CC-35 Basic	EX- 35	EX-40
Prescribed tightening torque	7 - 8 Nm	10- 12 Nm	10- 12 Nm	10- 12 Nm	10- 12 Nm
Opening Angle	22°	23°	23,5°	24°	25°
Rotation angle	90° Standard 93° Cold Start	96°	96°	96°	90°
Working pressure (recommended)	1 - 5 bar	1 - 5 bar	1 - 5 bar	1 - 5 bar	1 - 5 bar
Burst pressure	>35 bar	>50 bar	>50 bar	56 bar	>50 bar
Life cycle - EN 817 (NF-077 U3)	175.000 cycles	70.000 cycles	70.000 cycles	70.000 cycles	70.000 cycles
- ASME 112.18.1 M	1.000.000 cycles				
- GB 18145	140.000 cycles				
Sensitivity	> 12°	11,5°	11,5°	10° - 12°	>12 ° 14° - 16° (Due)
Fidelity	<5 °	<5 °	<5 °	<5 °	-
Constancy 63°C & 50°C (6 l/m - 3 l/m)	< 4 °C - <6 °C	< 4 °C - <6 °C	< 4 °C - <6 °C	3 °C	-
Max. Hot water	90 °C	90 °C	90 °C	90 °C	90 °C
Flow rate @ 3 bar					
Free flow (Mix)	14 l/min	22,4 l/min	22,4 l/min	20,8 l/min	26 l/min
Operation torque (3 bar)					
Open-close	0,15 - 0,3 Nm	0,3 - 0,5 Nm	0,3 - 0,5 Nm	0,2 - 0,3 Nm	0,2 - 0,4 Nm 0,28 - 0,32 Nm (Due)

	G-35 COLD	C-40	CC-35 Basic
Prescribed tightening torque	10 - 12 Nm	10- 12 Nm	10- 12 Nm
Opening Angle	22°	23°	23°
Rotation angle	93° Cold Start	90°	90°
Working pressure (recommended)	1 - 5 bar	1 - 5 bar	1 - 5 bar
Burst pressure	>35 bar	>35 bar	>35 bar
Life cycle - EN 817 (NF-077 U3)	70.000 cycles	70.000 cycles	70.000 cycles
- ASME 112.18.1 M	500.000 cycles	500.000 cycles	500.000 cycles
- GB 18145			
Sensitivity	> 12°	10 mm	10 mm
Fidelity	<5 °	<3 °	<3 °
Constancy 63°C & 50°C (6 l/m - 3 l/m)	< 4 °C - <6 °C	-	-
Max. Hot water	90 °C	90 °C	90 °C
Flow rate @ 3 bar			
Free flow (Mix)	15,3 l/min	25,9 l/min	25,9 l/min
Operation torque (3 bar)			
Open-close	0,2 - 0,4 Nm	0,2 - 0,4 Nm	0,2 - 0,4 Nm