

Function

The undersink ball valve taps with filter series SPHERALUX offer the convenience of a classic short closure together with the quality and guarantee of a Made in Italy product.



Technical data

Maximum working pressure: 10 bar

Maximum working temperature: 90 °C

Materials

Tap body: CW 617 N – DW UNI-EN 12165:2016

Ball valve and Fittings: CW 614 N – DW UNI-EN 12164:2016

Cartridge: CW 614 N – DW UNI-EN 12164:2016 + NBR + Nylon

Anti-scale filter: AISI 304 stainless steel

Gaskets: EPDM; PTFE

Handle: ABS with chromed finish

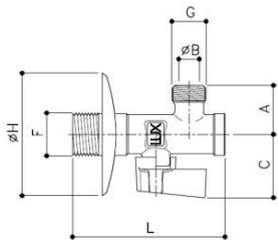
Finish

Chrome-plated finish

Dimensional drawings

V 35

Undersink ball valve tap with filter and sliding wall cover.

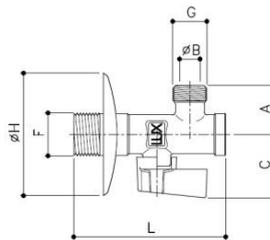


Code	Size	A	B	C	D	E	F
70902100	G1/2 - G3/8	24	10	31	-	-	G1/2

Code	Size	G	H	L	M	N	P
70902100	G1/2 - G3/8	G3/8	60	74	-	-	-

V 36

Undersink ball valve tap with filter and sliding wall cover.

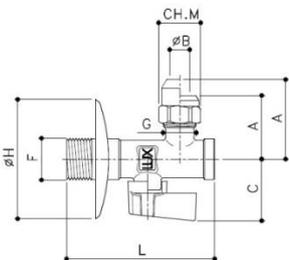


Code	Size	A	B	C	D	E	F
70912100	G1/2 - G1/2	24	10	31	-	-	G1/2

Code	Size	G	H	L	M	N	P
70912100	G1/2 - G1/2	G1/2	60	74	-	-	-

V 39

Undersink ball valve tap with filter, sliding wall cover and 3 pcs cartridge.

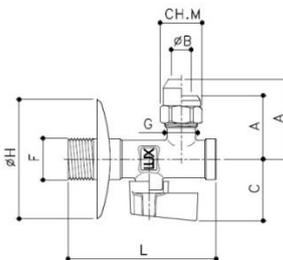


Code	Size	A	B	C	D	E	F
70902101CC	G1/2 - G3/8	32	10	31	-	-	G1/2

Code	Size	G	H	L	M	N	P
70902101CC	G1/2 - G3/8	G3/8	60	74	19	-	-

V 40

Undersink ball valve tap with filter, sliding wall cover and teflon ogive.

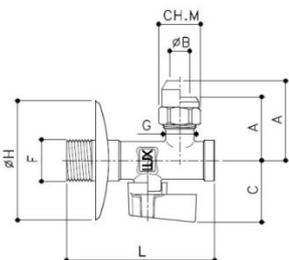


Code	Size	A	B	C	D	E	F
70912101	G1/2 - G1/2	32	10	31	-	-	G1/2

Code	Size	G	H	L	M	N	P
70912101	G1/2 - G1/2	G1/2	60	74	23	-	-

V 43

Undersink ball valve tap with filter, sliding wall cover and 3 pcs cartridge with high nut.

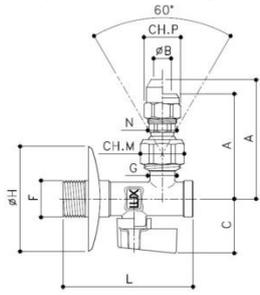


Code	Size	A	B	C	D	E	F
70902102CC	G1/2 - G3/8	40	10	31	-	-	G1/2

Code	Size	G	H	L	M	N	P
70902102CC	G1/2 - G3/8	G3/8	60	74	19	-	-

V 46

Undersink ball valve tap with filter, sliding wall cover and 3 pcs adjustable cartridge.

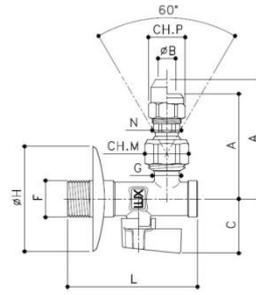


Code	Size	A	B	C	D	E	F
70912111CC	G1/2 - G3/8	62	10	31	-	-	G1/2

Code	Size	G	H	L	M	N	P
70912111CC	G1/2 - G3/8	G1/2	60	74	23	G3/8	19

V 47

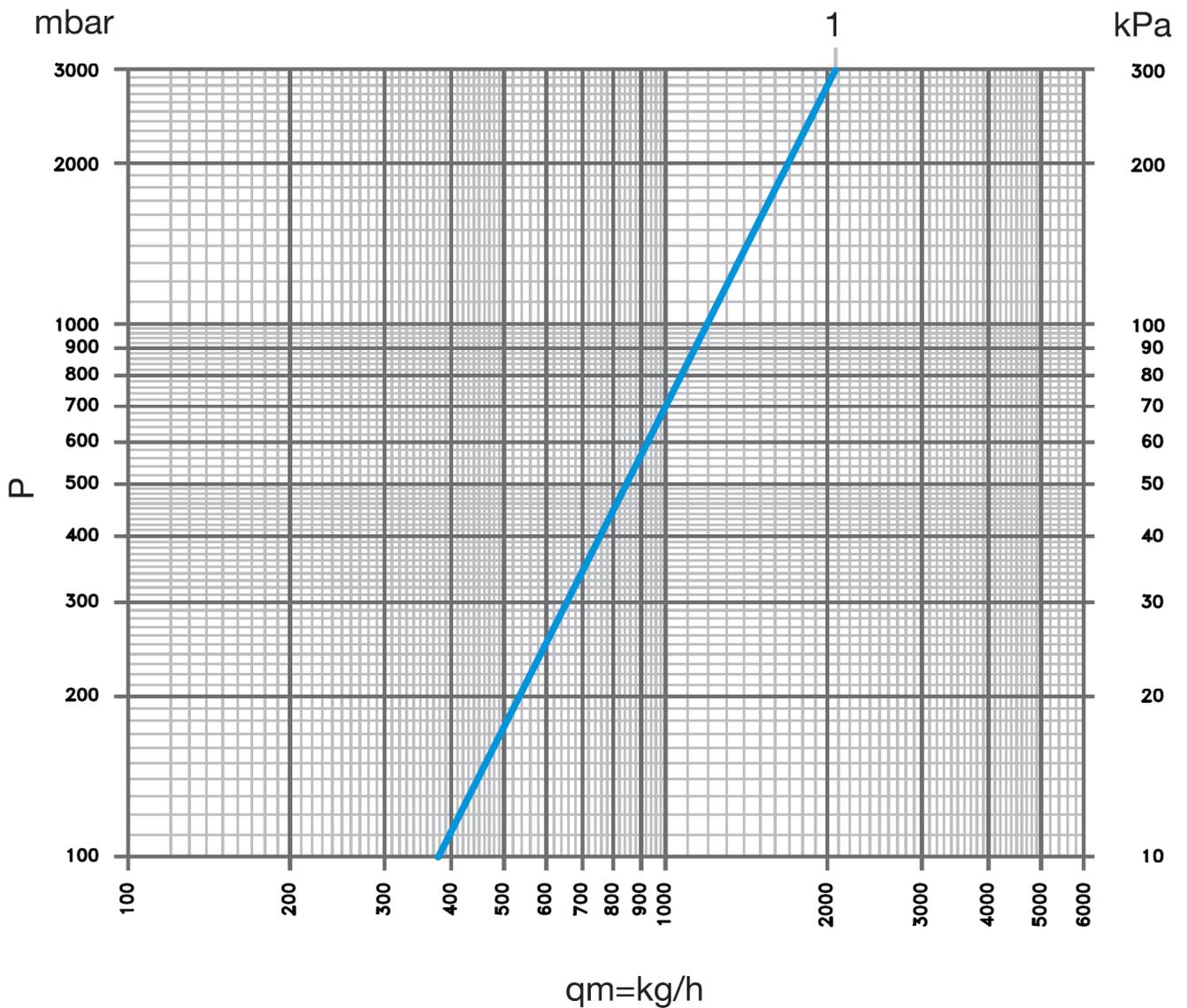
Undersink ball valve tap with filter, sliding wall cover and 3 pcs adjustable cartridge with high nut.



Code	Size	A	B	C	D	E	F
70912112CC	G1/2 - G3/8	68	10	31	-	-	G1/2

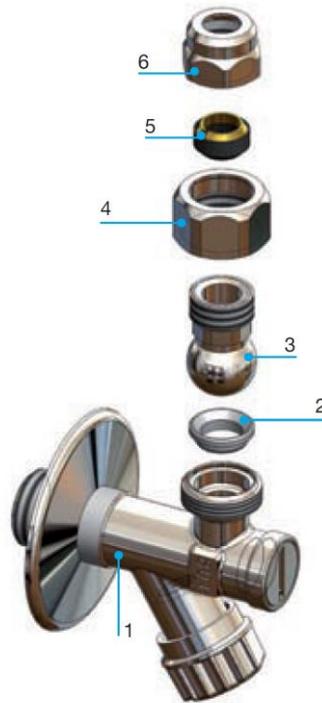
Code	Size	G	H	L	M	N	P
70912112CC	G1/2 - G3/8	G1/2	60	74	23	G3/8	19

Hydraulic characteristics



Pos.	Kv	Item
1	1.20	V 35; V 36; V 39; V 40; V 43; V 46; V 47.

Assembly instructions



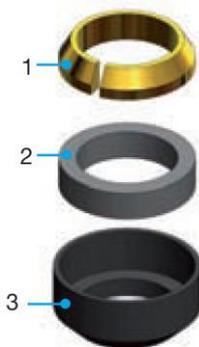
For a correct assembly of the undersink taps, please follow the above steps, checking carefully the assembly direction of the cartridge and the gaskets.

It is important to first connect the nipple with wall cover to the water distribution net, then correctly insert the gaskets between the elbow and the nipple, insert the RCC cartridge into the clamping nut paying attention to the assembly direction and finally tighten the fitting to the pipe.

Warning:

- **Check the correct direction of the cartridge;**
- **Suggested tightening torque: from 25 to 30 Nm max.**

RCC cartridge



1. **Tightening washer made of brass CW 614 N-DW UNI-EN 12164:2016**
The brass washer has high mechanical qualities thanks to the annealing process which improves the malleability of the material, ensuring the correct coupling between the fitting and the pipe without applying an excessive clamping force.
2. **Internal gasket made of NBR**
Range of use for temperature up to 90°C: NBR gaskets have good mechanical qualities, low permanent deformation and low gas permeability.
3. **External cartridge made of Nylon (Polyamide 6.6)**
Range of use for temperature up to 90°C: the Nylon cartridge has good mechanical qualities, high toughness and shock resistance.

The RCC cartridge is the most safe and functional solution for the connection of the undersink taps to the final utilities. Being composed of three parts gathered in one single body, the RCC cartridge is the final solution to the installation problems of the compression fittings. No more parts lost or wrongly assembled, but one single piece which ensures an excellent mechanical and hydraulic tightness.



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