



A-80 NOVA HANDLE VALVE

Quarter-turn angle ball valves for surface mounting where the connection is made by threaded ends.

- European Brass, DW (4MS) quality for use in drinking water installations.
- The knurled inlet thread make it easy to apply the sealant.
- 100% valves are tested for inner leakage.
- Strong one-piece body construction for secure installations.
- Double o-ring, ensures external leaktightness.



TECHNICAL SHEET A-80 NOVA HANDLE VALVE

PRODUCT DESCRIPTION

Quarter-turn angle ball valves for surface mounting with manual operation, where the connection is made by threaded ends.

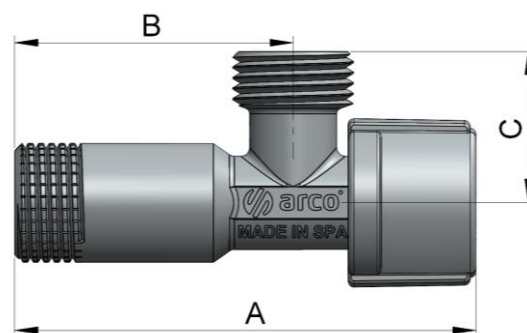
PRODUCT SCOPE

Designed for indoor plumbing installations, allowing individual shut-off of the water supply to sinks, washbasins, cisterns, and other points of use.

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

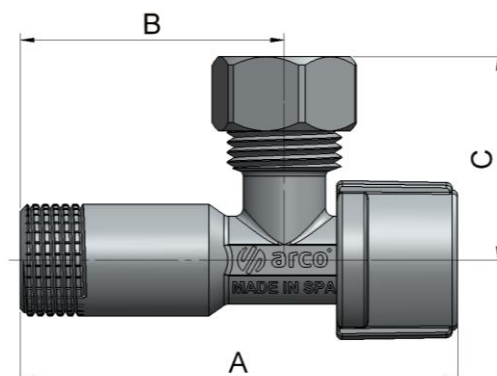
ABS HANDLE WITHOUT NUT

Code	Size	A (mm)	B (mm)	C (mm)	PN (BAR)	Temp. (°C)
NOV31	3/8x3/8	80	48	24	16	0 to 95
NOV21	1/2x3/8	80	48	24	16	0 to 95
NOV23	1/2x3/8	80	48	24	16	0 to 95
NOV06	1/2X1/2	80	48	26	16	0 to 95
NOV0602	1/2X1/2	80	48	26	16	0 to 95
NOV01ME	1/2X1/2	80	48	26	16	0 to 95



ABS HANDLE WITH NUT

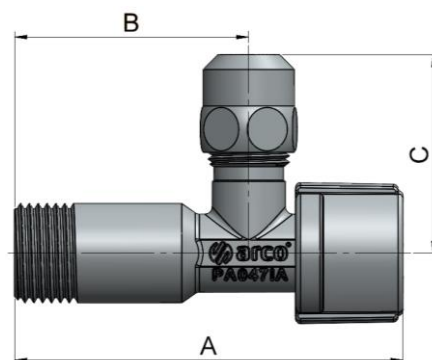
Code	Size	A (mm)	B (mm)	C (mm)	PN (BAR)	Temp. (°C)
NOV04	1/2X3/8X10	80	48	31	16	0 to 95
NOV20MR	1/2X3/8X10	80	48	31	16	0 to 95
NOV32	1/2X1/2X12	80	48	37	16	0 to 95





ABS HANDLE WITH LONG NUT

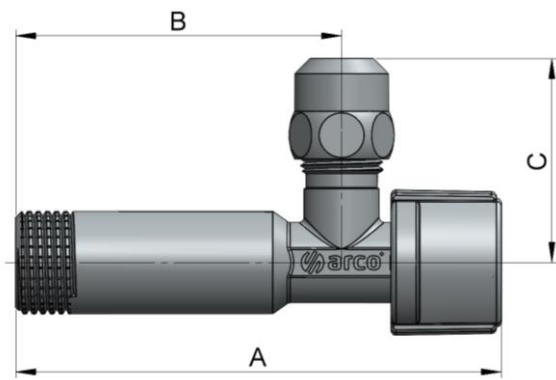
Code	Size	A (mm)	B (mm)	C (mm)	PN (BAR)	Temp. (°C)
NO743	3/8X3/8X10	80	48	41	16	0 to 95
NOV742	1/2X3/8X10	80	48	41	16	0 to 95



ABS HANDLE WITH LONG NUT - LONG BODY

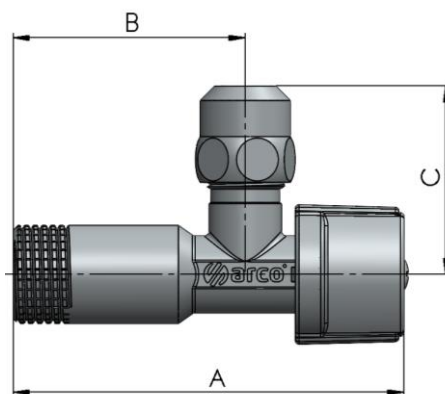
Code	Size	A (mm)	B (mm)	C (mm)	PN (BAR)	Temp. (°C)
NV092	1/2X3/8X10	97	65	41	16	0 to 95

Large rosette (ø 70mm)



METAL HANDLE WITH LONG NUT

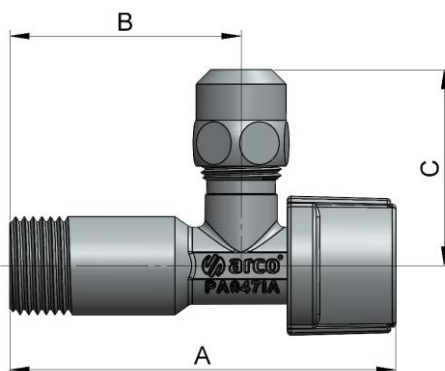
Code	Size	A (mm)	B (mm)	C (mm)	PN (BAR)	Temp. (°C)
NOV713	1/2X3/8X10	80	48	41	16	0 to 95



METAL HANDLE WITH LONG NUT- POLISHED BODY

Code	Size	A (mm)	B (mm)	C (mm)	PN (BAR)	Temp. (°C)
NOV777	1/2X3/8X10	80	48	41	16	0 to 95

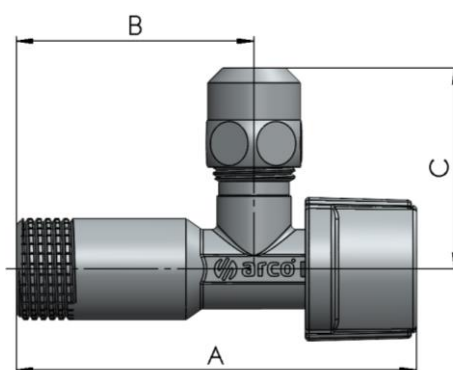
With blue and red index



METAL HANDLE WITH LONG NUT - CHECK VALVE

Code	Size	A (mm)	B (mm)	C (mm)	PN (BAR)	Temp. (°C)
NOV25R	1/2X3/8X10	80	48	41	16	0 to 95

With built-in check valve
Blue and red index



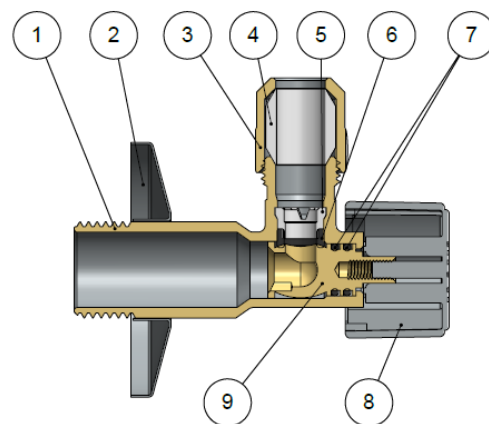


MATERIALS

ABS HANDLE MODELS - WITH AND WITHOUT NUT

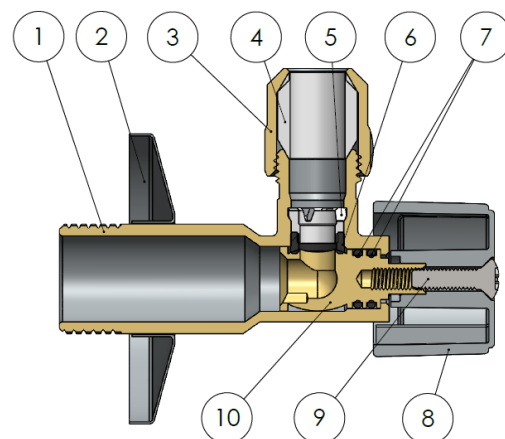
Item	Component	Material	Finishing
1	Body	Brass CW617N	Chrome plated
2	Rosette	Stainless steel	Stainless steel
3*	Nut	Brass CW614N	Chrome plated
4*	Sleeve	PA	-
5	Supporting clip	POM	-
6	Seat	NBR	-
7	O-Rings	NBR	-
8	Handle	ABS	Chrome plated
9	Stem-ball	Brass CW614N	Brass color

* Variable components according to models.



METAL HANDLE MODEL WITH LONG NUT (NOV713)

Item	Component	Material	Finishing
1	Body	Brass CW617N	Chrome plated
2	Rosette	Stainless steel	Stainless steel
3	Nut	Brass CW614N	Chrome plated
4	Sleeve	PA	-
5	Supporting clip	POM	-
6	Seat	NBR	-
7	O-Rings	NBR	-
8	Handle	ZAMAK	Chrome plated
9	Screw	Stainless steel	Stainless steel
10	Stem-ball	Brass CW614N	Brass color

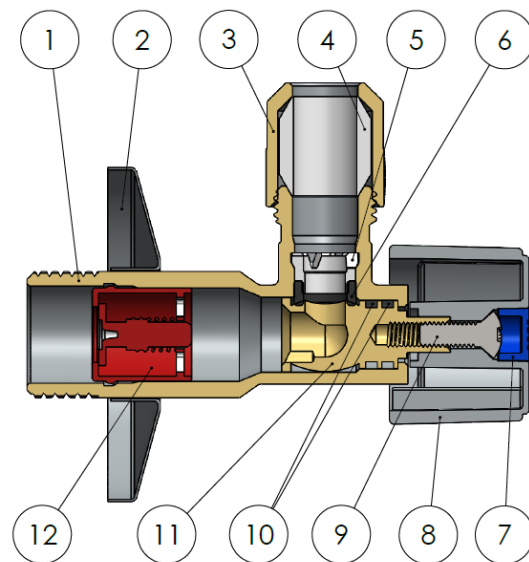



METAL HANDLE MODELS WITH INDEX (NOV777 & NOV25R)

Item	Component	Material	Finishing
1	Body	Brass CW617N	Chrome plated ⁽¹⁾
2	Rosette	Stainless steel	Stainless steel
3	Nut	Brass CW614N	Chrome plated
4	Sleeve	PA	-
5	Supporting clip	POM	-
6	Seat	NBR	-
7	Index	ABS	Blue / Red
8	Handle	ZAMAK	Chrome plated
9	Screw	Stainless steel	Stainless steel
10	O-rings	NBR	-
11	Stem	Brass CW614N	Brass color
12 ⁽²⁾	Check valve	POM + Stainless steel	Red

⁽¹⁾ Polished Chrome finish only on the model NOV777

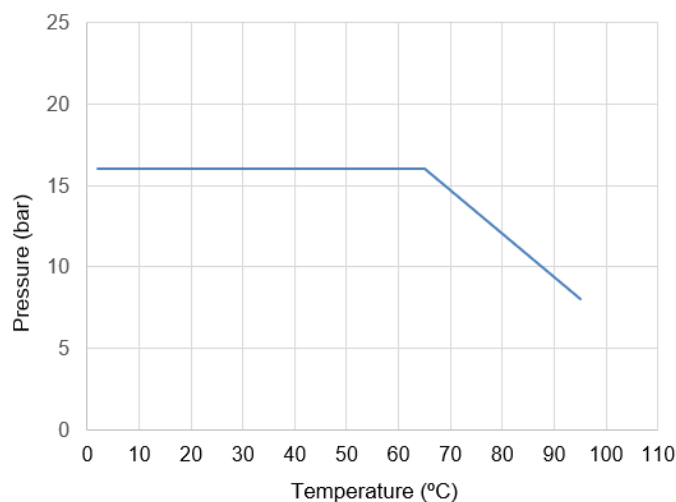
⁽²⁾ CHECK valve only on the model NOV25R





TECHNICAL DATA

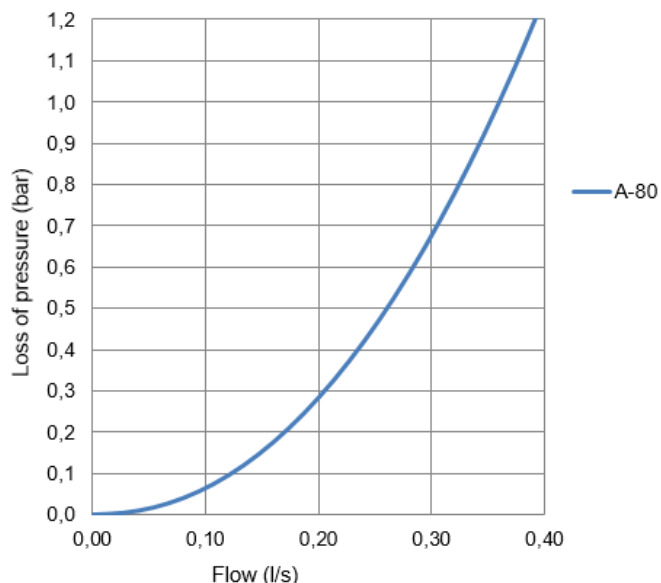
Pressure vs. temperature



Temperature range excludes freezing.

Hydraulic features.

Flow vs. loss of pressure.



Compatibility with fluids

Fluid	Compatibility
Drinking water and domestic hot water	Excellent

For any other fluid, please contact Arco technical service.

Size	A-80
Kv	1,30

Kv (m³/h), cubic meters per hour that flow through the valve generating a loss of 1 bar pressure.

INSTALLATION AND OPERATION INSTRUCTIONS

Before performing any action, the water supply to the installation should be shut off. Make sure there is no dirt or foreign objects in the connection to the network. Apply the appropriate sealing material to the inlet thread of the valve. The valve should be installed with a suitable tool, preferably with a wrench to hold the body. The tool should act on the flat surfaces of the valve body to avoid deforming this area due to excessive pressure from the tool. Restore the water supply and check the tightness of all connections before fixing the valve to service.

Do not alter the assembly of the valve components; replacement or disassembly of the handle may cause external leaks. Quarter-turn valves should always operate in a fully open position.



All products have an environmental impact during its life cycle, even once retired. All the components of this product can be recycled. Once the use is over, leave the valve in any recycling green point. Válvulas Arco reserves the right to change the product or any of its technical specifications without prior notice.

FT01000ING – Edition 2024-12