A-80 LUXE 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 LUXE 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

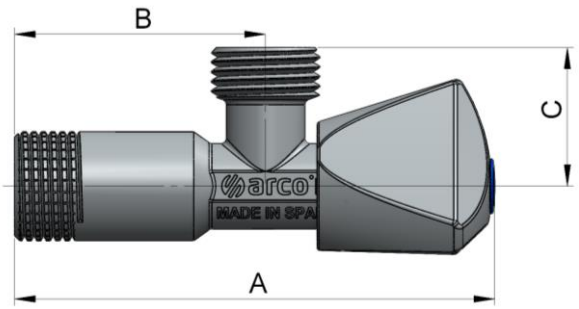
Designed for indoor plumbing installations, allowing individual shut-off of the water supply to sinks, washbasins, cisterns, and other points of use.

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

METAL HANDLE WITHOUT NUT - POLISHED BODY

Code	Size	A (mm)	B (mm)	C (mm)	PN (BAR)	Temp. (ºC)
LP730	1/2X1/2	92	48	26	16	0 to 95

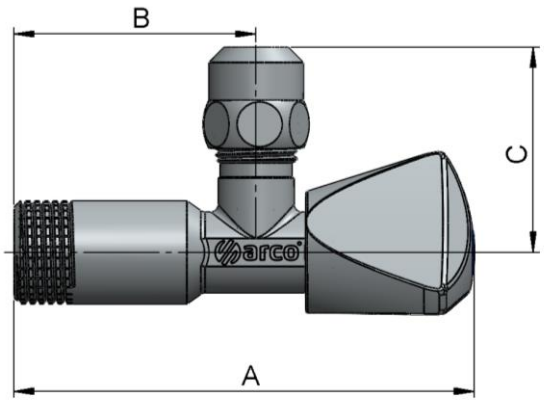
With blue and red index.



METAL HANDLE WITH LONG NUT - POLISHED BODY

Code	Size	A (mm)	B (mm)	C (mm)	PN (BAR)	Temp. (ºC)
LP740	1/2x3/8X10	92	48	41	16	0 to 95

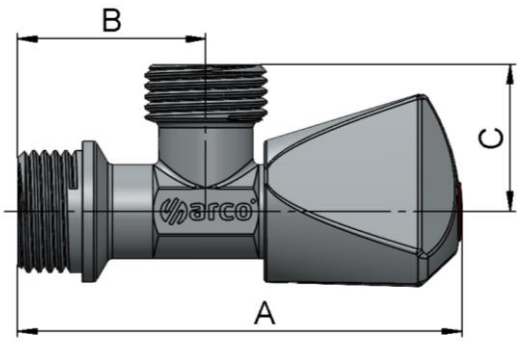
With blue and red index.



METAL HANDLE WITHOUT NUT - COMPACT BODY

Code	Size	A (mm)	B (mm)	C (mm)	PN (BAR)	Temp. (ºC)
ARL20	1/2X1/2	76	32	26	16	0 to 95

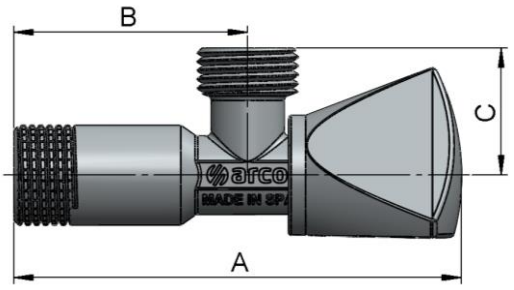
With blue and red index.



METAL HANDLE AND POLISHED BODY

Code	Size	A (mm)	B (mm)	C (mm)	PN (BAR)	Temp. (ºC)
LP810	1/2X1/2	92	48	26	16	0 to 95
LP810E	1/2X1/2	92	48	26	16	0 to 95

Does not include or allow blue and red index as the top face of the handle is completely polished.

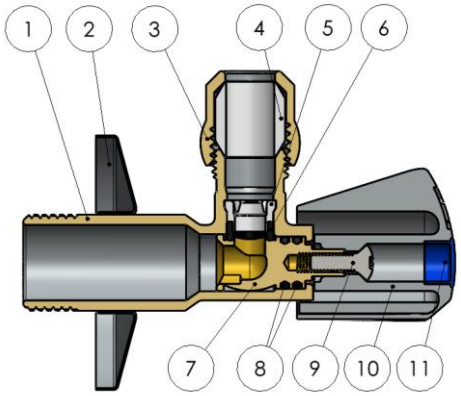


MATERIALS

MODELS LP730, LP740 & ARL20

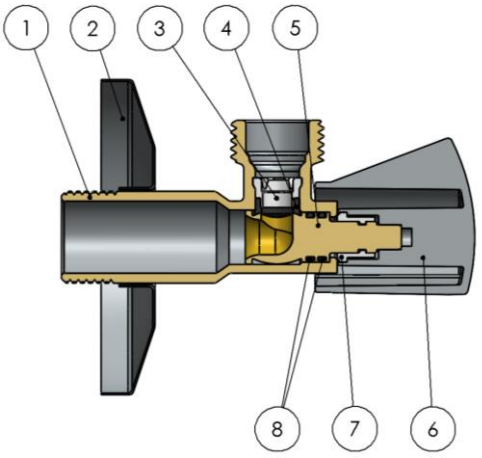
Item	Component	Material	Finishing
1	Body	Brass CW617N	Chrome plated
2	Rosette	Stainless steel	Stainless steel
3*	Nut	Brass CW614N	Chrome plated
4*	Sleeve	PA	-
5	Supporting clip	POM	-
6	Seat	NBR	-
7	Stem	Brass CW614N	Brass color
8	O-rings	NBR	-
9	Screw	Stainless steel	Stainless steel
10	Handle	ZAMAK	Chrome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

* Variable components according to models.



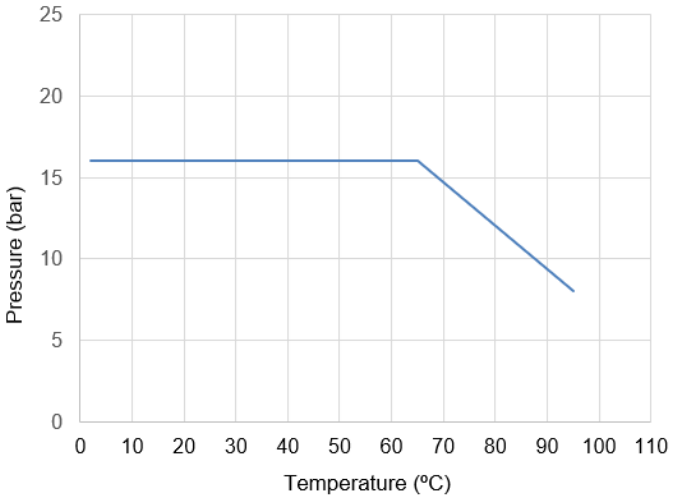
MODELS LP810 & LP810E

Item	Component	Material	Finishing
1	Body	Brass CW617N	Chrome plated
2	Rosette	Stainless steel	Stainless steel
3	Supporting clip	POM	-
4	Seat	NBR	-
5	Stem	Brass CW614N	Brass color
6	O-rings	NBR	-
7	Supporting clip	POM	-
8	Handle	ZAMAK	Chrome plated



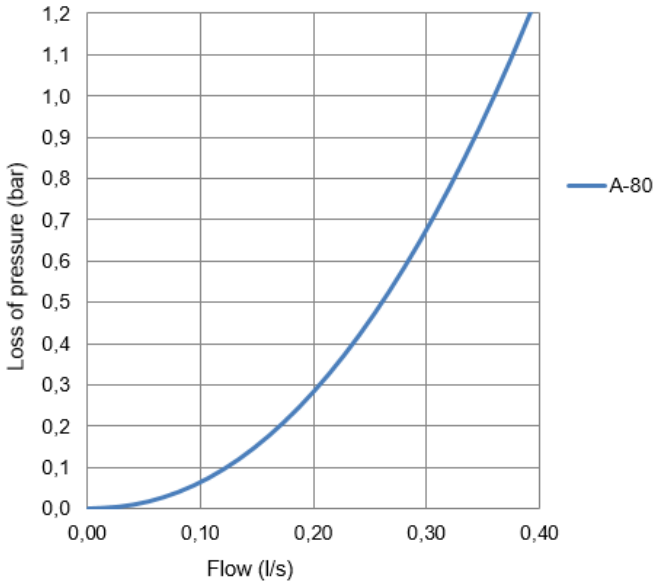
TECHNICAL DATA

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 (m^3/h), cubic meters per hour that flow through the valve generating a loss of pressure of 1 bar.

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.

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Arco S.L., Avda. del Cid 16,
46134 Foios, Valencia. Spain.
www.valvulasarco.com