



A-80 ORIGINAL AND DAMA HANDLES 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 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 ORIGINAL AND DAMA HANDLES VALVE

PRODUCT DESCRIPTION

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

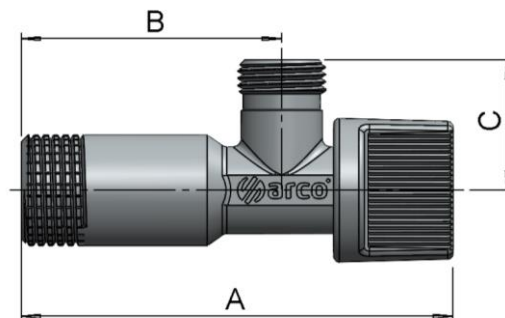
PRODUCT SCOPE

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

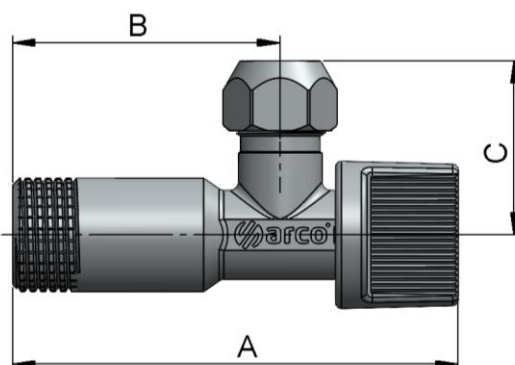
ORIGINAL ABS HANDLE WITHOUT NUT

Code	Size	A (mm)	B (mm)	C (mm)	PN (BAR)	Temp. (°C)
P0704	1/2X3/8	80	48	24	16	0 to 95
P0705	1/2X1/2	80	48	26	16	0 to 95



ORIGINAL ABS HANDLE WITH NUT

Code	Size	A (mm)	B (mm)	C (mm)	PN (BAR)	Temp. (°C)
P0702	1/2x3/8X10	80	48	31	16	0 to 95

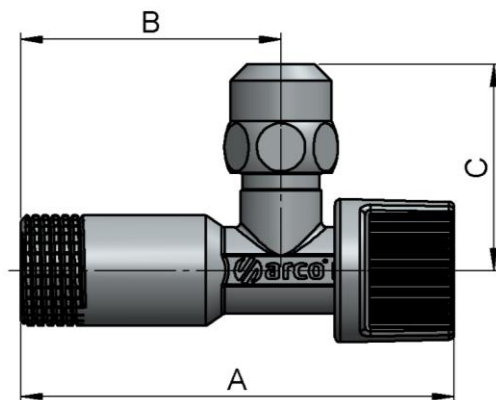




ORIGINAL ABS HANDLE WITH LONG NUT AND 3-COMPONENT SLEEVE

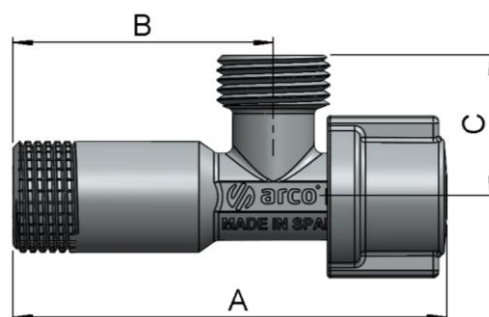
Code	Size	A (mm)	B (mm)	C (mm)	PN (BAR)	Temp. (°C)
PB713	1/2X3/8X10	80	48	38	16	0 to 95

This model incorporates 3 component sleeve include one brass ring for greater tube support.



DAMA ABS HANDLE WITHOUT NUT

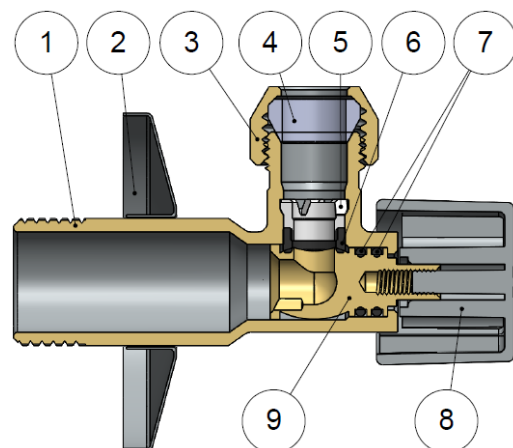
Code	Size	A (mm)	B (mm)	C (mm)	PN (BAR)	Temp. (°C)
DM020	1/2X1/2	80	48	26	16	0 to 95



MATERIALS

ORIGINAL ABS HANDLE MODELS WITH AND WITHOUT NUT (P0704, P0705 & P0702)

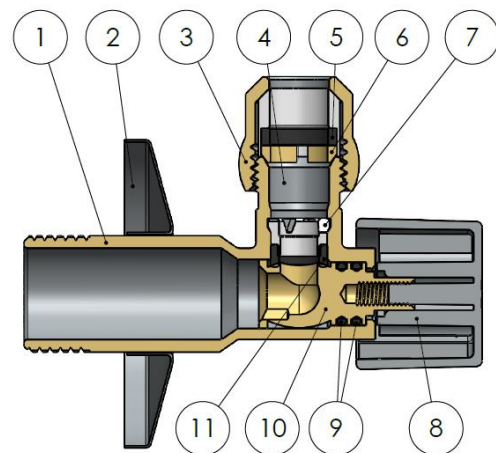
Item	Component	Material	Finishing
1	Body	Brass CW617N	Chrome plated
2	Rosette	Stainless steel	Stainless steel
3*	Nut	Brass CW614N	Chrome plated
4*	Sleeve	PA	-
5	Supporting clip	POM	-
6	Seat	NBR	-
7	O-rings	NBR	-
8	Handle	ABS	Chrome plated
9	Stem	Brass CW614N	Brass color



* Variable components according to models.

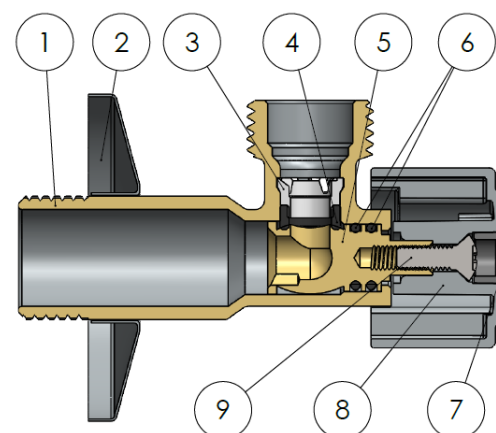
ORIGINAL ABS HANDLE MODEL WITH LONG NUT AND 3-COMPONENT SLEEVE (PB713)

Item	Component	Material	Finishing
1	Body	Brass CW617N	Chrome plated
2	Rosette	Stainless steel	Stainless steel
3	Nut	Brass CW614N	Chrome plated
4	Body sleeve	PA	-
5	Joint sleeve	NBR	-
6	Ring sleeve	Brass CW614N	Brass color
7	Supporting clip	POM	-
8	Handle	ABS	Chrome plated
9	O-rings	NBR	-
10	Stem	Brass CW614N	Brass color
11	Seat	NBR	-



DAMA ABS HANDLE MODEL WITHOUT NUT (DM020)

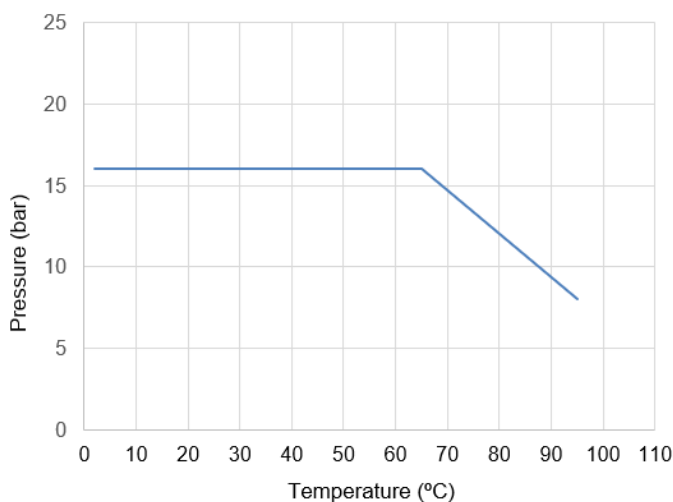
Item	Component	Material	Finishing
1	Body	Brass CW617N	Chrome plated
2	Rosette	Stainless steel	Stainless steel
3	Supporting clip	POM	-
4	Seat	NBR	-
5	Stem	Brass CW614N	Brass color
6	O-rings	NBR	-
7	Index	ABS	Grey
8	Handle	ABS	Chrome plated
9	Screw	Stainless steel	-





TECHNICAL DATA

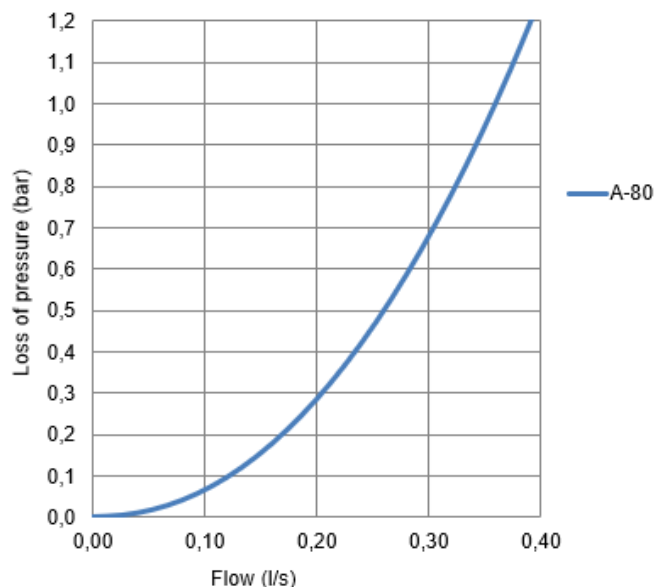
Pressure vs. temperature



Temperature range excludes freezing.

Hydraulic features.

Flow vs. loss of pressure.



Compatibility with fluids

Fluid	Compatibility
Drinking water and domestic hot water	Excelent

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 pressure of 1 bar.

INSTALLATION AND OPERATION INSTRUCTIONS

Before performing any action, the water supply to the installation must 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 enviromental 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.

FT01010ING – Edition 2024-12