



A-80 TIGHT SPACES VALVE

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

- European Brass, DW (4MS) quality for use in drinking water installations.
- 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 TIGHT SPACES 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.

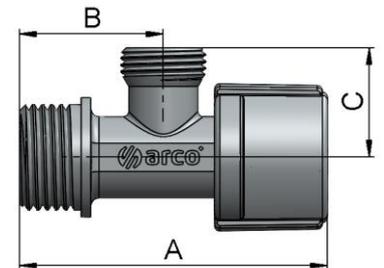
Compact size makes it easy to install in tight spaces.

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

MALE X OUTLET WITHOUT NUT. NOVA HANDLE

Code	Size	A (mm)	B (mm)	C (mm)	PN (bar)	Temp. (°C)*
NV790ST	1/2X3/8	60	28	22	16	0 to 95

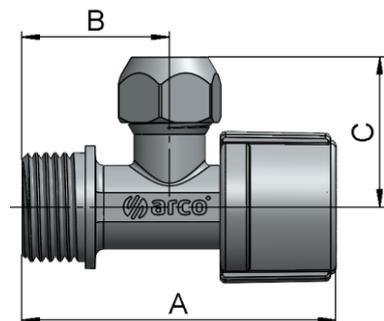
* Freezing is excluded.
This model don't include rosette.



MALE X OUTLET WITH NUT. NOVA HANDLE

Code	Size	A (mm)	B (mm)	C (mm)	PN (bar)	Temp. (°C)*
NV790	1/2 X 3/8 X 10	60	28	29	16	0 to 95

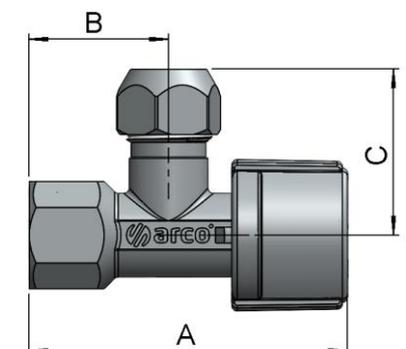
* Freezing is excluded.
This model don't include rosette.



FEMALE X OUTLET WITH NUT. NOVA HANDLE

Code	Size	A (mm)	B (mm)	C (mm)	PN (bar)	Temp. (°C)*
NV715	3/8 X 3/8 X 10	58	27	32	16	0 to 95
NV716	1/2 X 3/8 X 10	58	27	32	16	0 to 95

* Freezing is excluded.
This model don't include rosette.

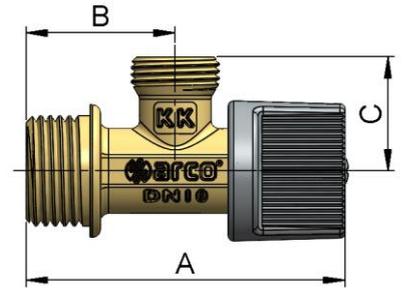




MALE X OUTLET WITHOUT NUT. BRASS COLOR. ORIGINAL HANDLE

Code	Size	A (mm)	B (mm)	C (mm)	PN (bar)	Temp. (°C)*
K0791	1/2 M X 3/8 ST	60	28	22	16	0 to 95

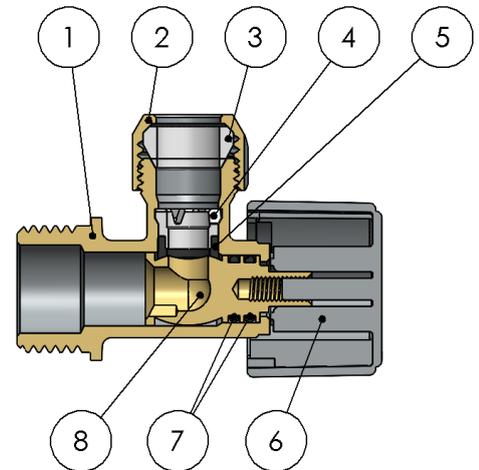
* Freezing is excluded.
This model don't include rosette.



MATERIALS

MODELS NV790ST, NV790

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

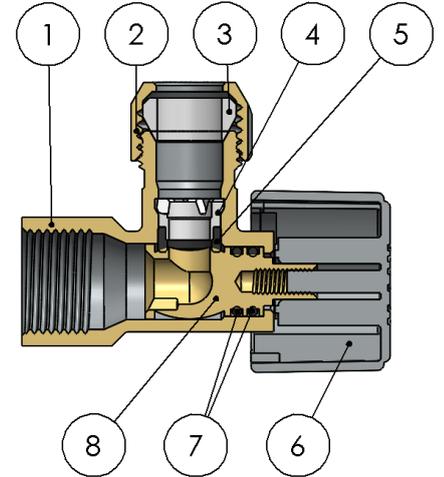


* Variable components according to model.



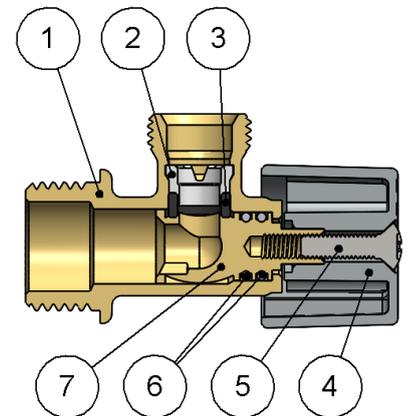
MODELS NV715, NV716

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



MODEL K0791

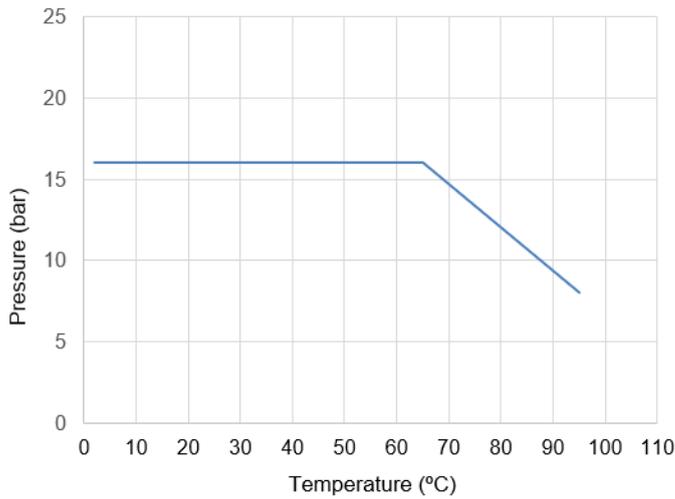
Item	Component	Material	Finishing
1	Body	Brass CW617N	Brass color
2	Supporting clip	POM	-
3	Seat	EPDM	-
4	Handle	ABS	Natural
5	Screw	Stainless steel	Stainless steel
6	O-rings	EPDM	-
7	Stem-ball	Brass CW614N	Brass color





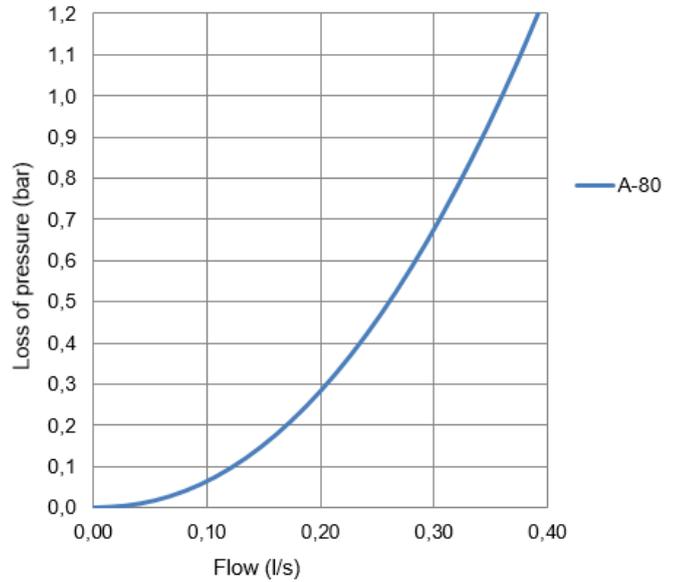
TECHNICAL DATA

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.

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