



ANGLE VALVES A-80 SMALL SPACES

A-80 SERIE

SCOPE

A-80 SMALL SPACES are 1/4 quarter turn angle valves designed for being connected to water pipe system. The special characteristics they have make them suitable for tight spaces or undersize.

They are used to shut off individually water supply to sinks, basins, cisterns and other places to proceed to repair or replace.

SERVICE CONDITIONS

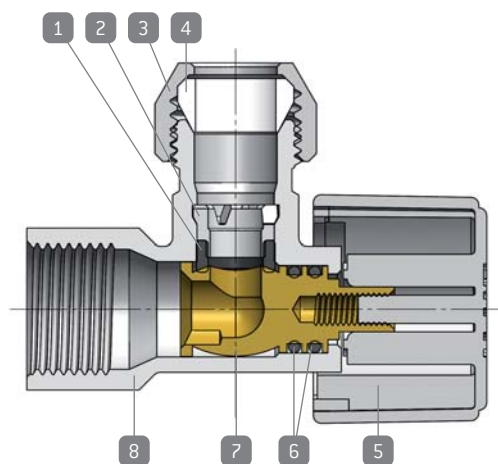
Nominal pressure: 16 bar.
Temperature range: cold and hot water up to 95°C.

Test pressure: 25 bar.
Fluid: water intended to human consumption and domestic hot water.

COMPONENTS

ITEM	COMPONENT	MATERIAL	TREATMENT
1	Seat	NBR	
2	Supporting clip	POM	
3	Nut ¹	CW614N European Brass	Chrome plated
4	Bicone ¹	Polyamide	
5	Handle	ABS	Chrome plated
6	Seals	NBR	
7	Stem & ball	CW614N European Brass	
8	Main body	CW617N European Brass	Chrome plated

¹ according to model



MAIN CONSTRUCTIVE FEATURES

EASILY INSTALLATION

Compacted size

These valves are suitable when the space for the installation is undersize: inside or outside of cisterns, small gaps between the wall and the basin, etc.

MAIN CONSTRUCTIVE FEATURES (continued)

EASILY INSTALLATION (continued)

Assortment of conexions

Besides the size of these angle valves, A-80 SMALL SPACES has many differnt kind of conexions.

These conexions may be threaded (Female or Male), swivel nut, nut and bicone for copper pipe.

The wide range of these valves offers global solutions for moslty all conexions.



STEM-BALL

Stem and ball are manufactured in one piece made of European Brass CW614N, which increases its resistance and performance.

This original component of ARCO has been designed to reduce loss of pressure, keeping a constant flow rate and avoiding noise.



INTERNAL AND EXTERNAL LEAK TIGHTNESS

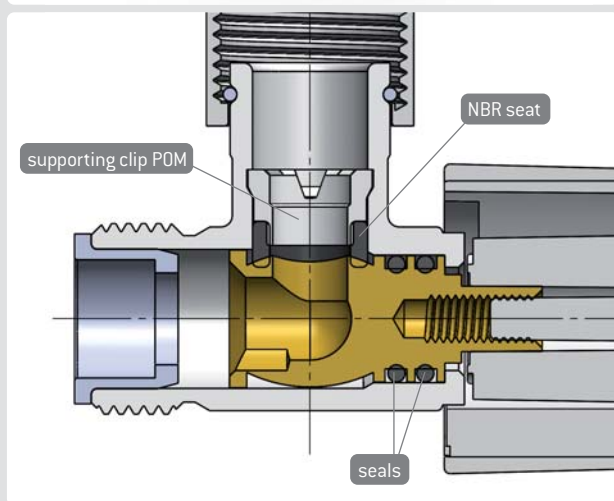
INTERNAL Leak tightness

The supporting clip made of POM is placed in the valve to push the NBR seat against the stem-ball.

This system can not be dismantled, avoiding improper manipulations.

EXTERNAL Leak tightness

A double NBR seal placed on the stem assure external leakness. This double joint system guarantees safety against external leakage, use, ageing,...

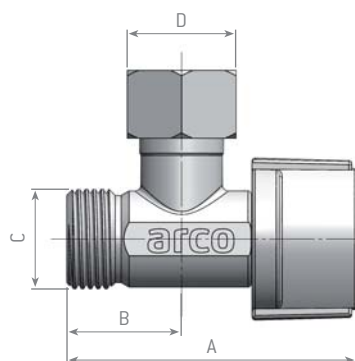


DIMENSIONS

Indicated dimensions of this section correspond to the main models of A-80 SMALL SPACES.

A-80 SMALL SPACES France without nut and bicone

MEASURE	A	B	C	D
3/8 x 3/8	50	20	G 3/8A	G 3/8A
			G Thread ISO 228	



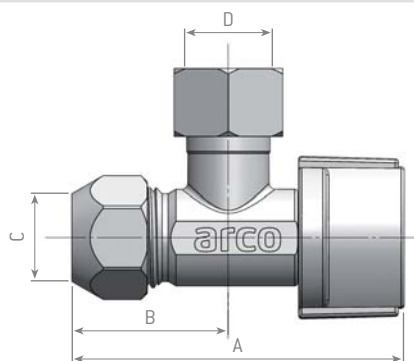
AR741

DIMENSIONS (continued)

A-80 SMALL SPACES France with nut and bicone

MEASURE	A	B	C	D
3/8 x 3/8x10	57	27	G 3/8A	10

G Thread ISO 228

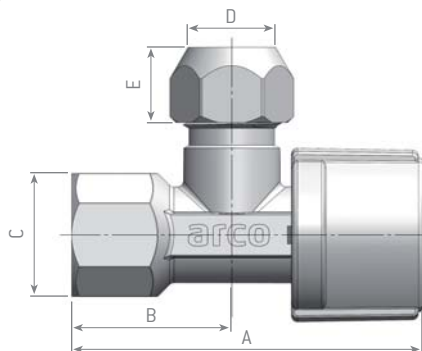


NF722

A-80 SMALL SPACES Female

MEASURE	A	B	C	D	E
3/8 x 3/8x10	59	27	G 3/8A	10	13
1/2 x 3/8x10	59	27	G 1/2A	10	13

G Thread ISO 228

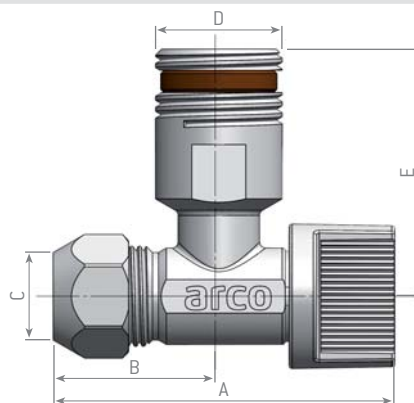


NV715

A-80 SMALL SPACES Vertical

MEASURE	A	B	C	D	E
1/2 x 3/8x10	56	27	10	1/2	42
1/2 x 3/8	56	27	G 3/8A	1/2	42

G Thread ISO 228

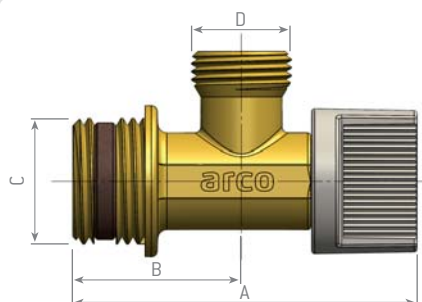


VE001

A-80 SMALL SPACES ASAG 80 Handle

MEASURE	A	B	C	D
1/2 x 3/8	57	28	G 1/2A	G 3/8A

G Thread ISO 228



IT791

PRODUCT RANGE AND VARIATIONS*

HANDLES

A-80 SMALL SPACES usually have chrome plated NOVA handle. Other of the handles available for A-80 valves are LUXE and 80.



mando NOVA



mando 80



mando LUXE

PRODUCT RANGE AND VARIATIONS* (continued)

ASAG: TEFLON COVERING SELF-TAPPING RING (according to model)

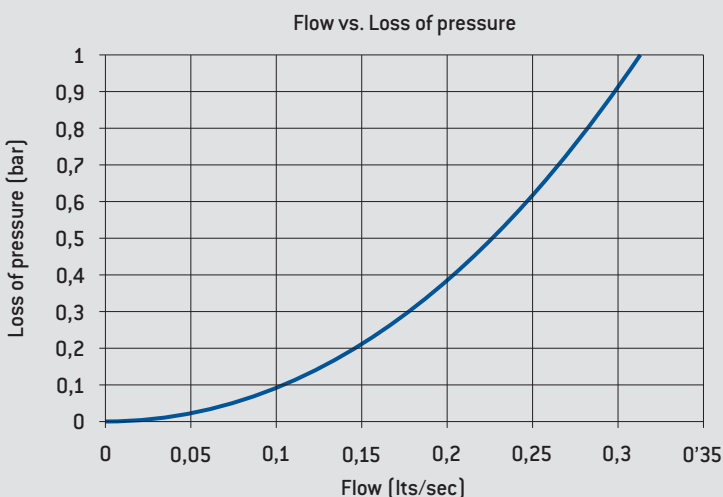
Are models with a teflon system on the inner thread. They can be directly threaded to the water inlet without the need to apply teflon tape, esparto grass... or any other sealing material.

The valves with the self-tapping teflon ring save around 30% of time in the installation.

* as present catalogue.



HYDRAULIC CHARACTERISTICS



Hydraulic characteristics obtained according to EN 1267.

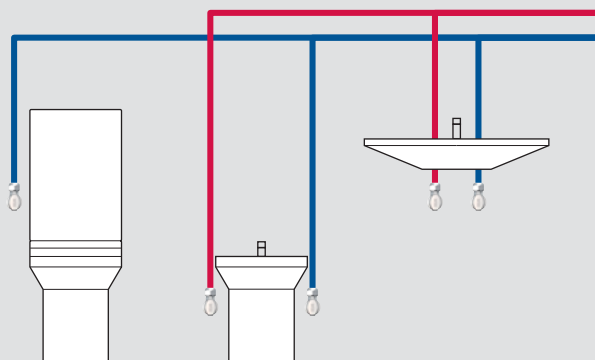
INSTALLATION AND ASSEMBLY

The installation of valves must be done with the right tool, mostly with 15 spanner.

The tool should be adjusted to the flat sides of the body of the valve, avoiding the deformation of the zone by high pressure of the tool.

Components of the valve must not be altered. The substitution or dismantling of the handle can provoke external leaks.

All quarter turn handle valves should work totally open.



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Every product has an impact on the environment during all stages of its life-cycle, including final disposal. All components of these valves can be recycled, deposit the valve in a green or recycled point when no longer useful.

Válvulas ARCO, S.L. reserves the right to change our products and specifications at any time and without prior notice.