GARDEN TAP
NANO DOUBLE MAC

JARDIN SERIE

SCOPE

NANO DOUBLE MAC taps are used in those plumbing installation which are required 2 independent outlets from a single connection to the drinking water network.

These taps incorporate ARCO anti-lime solution already present in other series such as valves A80, Washing Machine, Mini, ... This solution minimizes the effects of lime on the valves.

Its characteristics are particularly suitable for:

- Indoor facilities. Its small size makes it suitable for use inside homes (balcony, garages etc.) as auxiliary tap with 2 outlets.
- Yard, garden, terraces etc. have nozzles for hose and sprinkler timer connection.

These taps are operated by a quarter turn, make easier its accessibility in small spaces.

SERVICE CONDITIONS

Nominal pressure: 16 bar.

Test pressure: 25 bar.

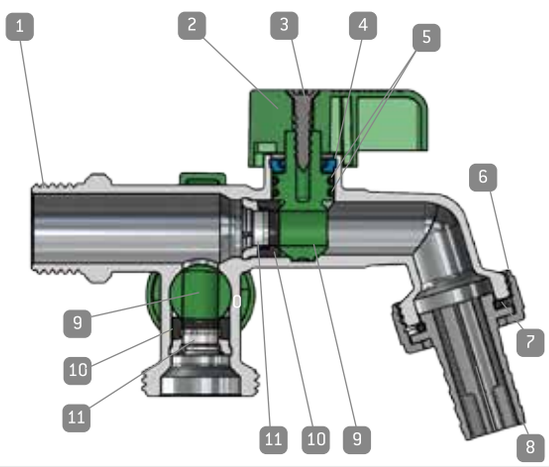
Temperatures range: Cold water

Fluid: Water intended to human consumption

COMPONENTS

ITEM	COMPONENTS	MATERIAL	TREATMENT
1	Body	European Brass CW617N	Chrome plated
2	Handle*	PA with UV protection	Green
3	Screw	Stainless steel	
4	Supporting clip	POM	
5	Seals	NBR	
6	Nut	European Brass CW614N	Chrome
7	Seal	NBR	
8	Coupling	European Brass CW614N	Chrome
9	Stem-ball	Anti-lime Polymer	
10	Seat	NBR	
11	Supporting clip	POM	

*: Also available in chrome



MAIN CONSTRUCTIVE FEATURES

BODY

Main body manufactured in one piece with European brass CW617N through a hot stamping process. This process and the materials used give the following advantages over casting or fabricated valves in several parts:

- Absence of pores
- Better finished surfaces without roughness
- Increased mechanical strength during installation and use
- Increased resistance to high pressures
- Body monoblock without possibility of leak due to made in one piece, compared to the traditional models of 2 or more pieces

MAIN CONSTRUCTIVE FEATURES (continued)

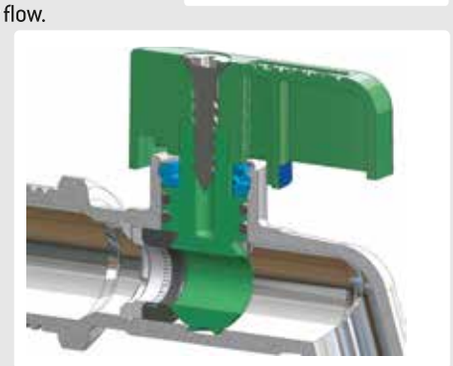
ANTI-LIME STEM BALL

Stem and ball are manufactured in one whole piece made of anti-lime polymer, which increases its resistance and performance, avoiding lime effects.

This original ARCO´s component has been designed to reduce loss of pressure, keeping a constant flow rate and avoiding noise. As well ball-stem´s quarter turn system has the same fundamental features of leak tightness and low loss of pressure that you can find in the A·80 series.

The anti-lime stem-ball is the perfect solution to prevent lime problems, that can render useless the valve, and maintain the flow rate constant along the time, avoiding the lime to adhere, reducing the water flow.

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 cannot be dismantled, avoiding improper manipulations.

EXTERNAL leak tightness

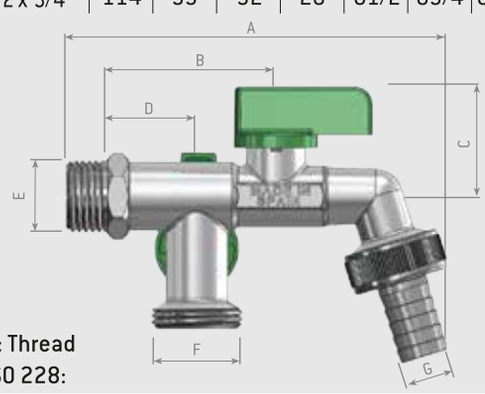
A double NBR seal placed on the stem assure external leak tightness. This double joint system guarantees safety against external leakage, use, ageing , etc.

HANDLE

Green handle includes an additional UV protection that allows its outdoor installation, keeping all the mechanical properties along the useful life.
Also available in chrome for certain models and countries, see catalogue.

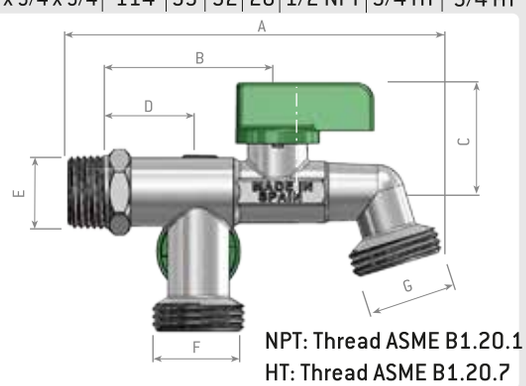
DIMENSIONS

SIZE	A	B	C	D	E	F	G
1/2 x 3/4	114	59	32	28	G1/2	G3/4	G3/4 ø15



G: Thread
ISO 228:

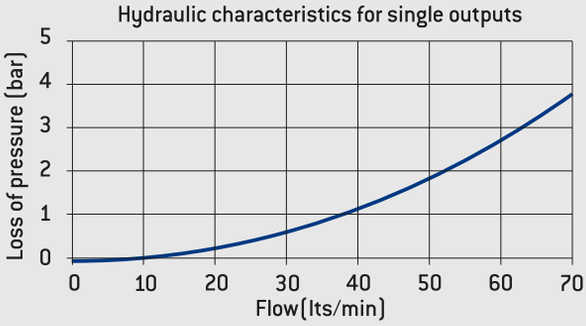
SIZE	A	B	C	D	E	F	G
1/2 x 3/4 x 3/4	114	59	32	28	1/2 NPT	3/4 HT	3/4 HT



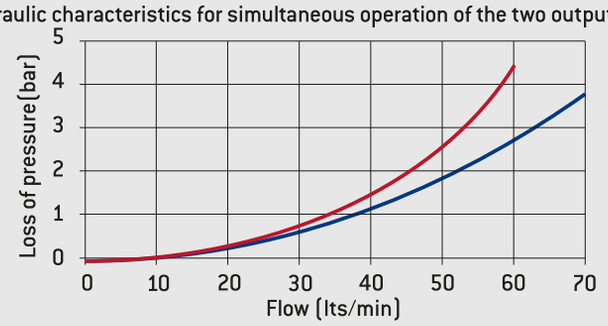
NPT: Thread ASME B1.20.1
HT: Thread ASME B1.20.7

HYDRAULIC CHARACTERISTICS

Hydraulic characteristics for single outputs



Hydraulic characteristics for simultaneous operation of the two outputs



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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.