



# gate valve with elastic closure



**TECHNICAL SHEET 10/2016 | IPO8040**

## SCOPE

ARCO's GATE VALVES with elastic closure belong to STOP series, and by their design and materials are intended to be used in water network systems.

In general, all those applications that require a valve for shutting off the water flow.

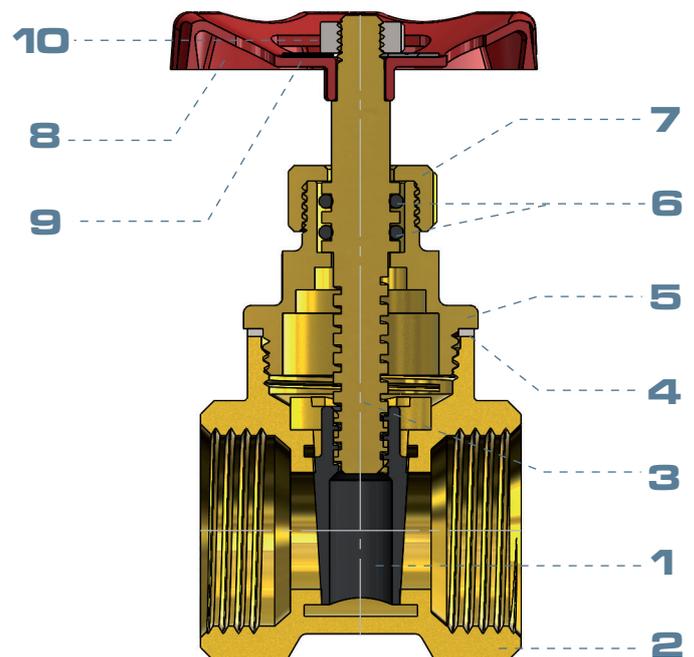
These STOP valves must not be used with residual water, stopping mechanism may block.

## SERVICE CONDITIONS

Nominal pressure:	16 bar (with cold water)
Test pressure:	24 bar
Temperatures:	0°C until 85°C (excluding freezing)
Fluid:	Drinking water

## COMPONENTS

Item	Component	Material	Treatment
1	Gate	Brass	NBR covered
2	Body	European Brass CW617N	Brass Colour
3	Stem	European Brass CW614N	
4	Joint	Fiber	
5	Bonnet	European Brass CW617N	Brass Colour
6	O-rings	NBR	
7	Packing nut	European Brass CW614N	Brass Colour
8	Handwheel	Steel	Red epoxy
9	Plate name	Aluminium	Printing
10	Nut	Steel	Zinc plated

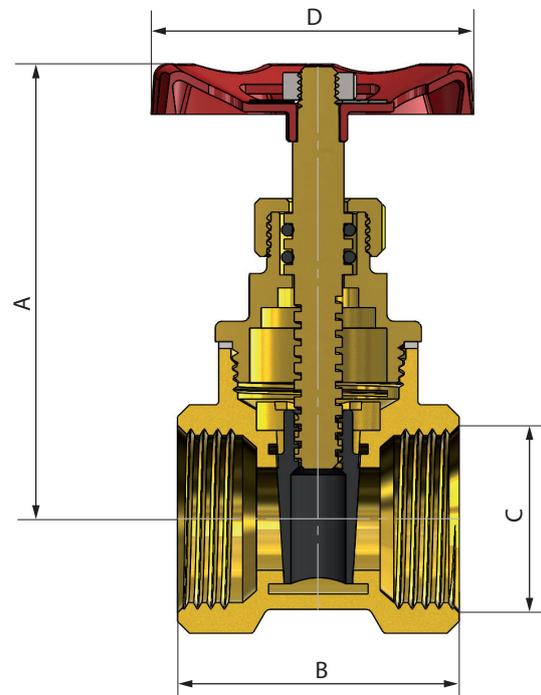




## DIMENSIONS

Size	A	B	C	D
1/2 FF	65	37	G 1/2	50
3/4 FF	67	41	G 3/4	50
1 FF	76	44	G 1	59
1 1/4 FF	90	50	G 1 1/4	59
1 1/2 FF	96	51	G 1 1/2	70
2 FF	119	61	G 2	70
2 1/2 FF	159	66	G 2 1/2	98
3 FF	184	84	G 3	109
4 FF	227	80	G 4	131

G Thread ISO 228  
Also available with NPT thread



## INSTALATION AND ASSEMBLY

Hold the valve from faces of the hexagon, never from the central part or its neck, in order to avoid internal component deformations, in other case the valve could be damaged inevitably.

The y can be installed both vertical or horizontal position.

It is recommended to perform a complete opening and closing maneuver every 3 months. This frequency must be increased for waters with a French Hardness over 50°.

