



gate valve with metallic closure



TECHNICAL SHEET 10/2016 | IP08050

SCOPE

ARCO's GATE VALVES with Metallic 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: Test pressure: Temperaturae:

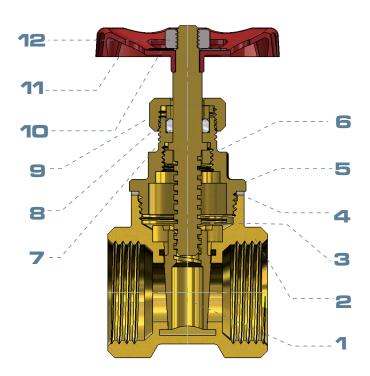
Fluid:

24 bar O°C until 85°C (excluding freezing) Drinking water

16 bar

COMPONENTS

ltem	Component	Material	Treatment
1	Gate	Brass	Brass Colour
2	Body	European Brass CW617N	Brass Colour
3	Stem	European Brass CW614N	Brass Colour
4	Joint	Fiber	
5	Lateral	European Brass CW617N	Brass Colour
6	Stem ring	European Brass CW614N	Brass Colour
7	Sealing Gland	PTFE	
8	Washer	Brass	Brass Colour
9	Packing nut	European Brass CW614N	Brass Color
10	Handwheel	Steel	Red epoxy
11	Plate name	Aluminium	
12	Nut	Iron	Copper plated

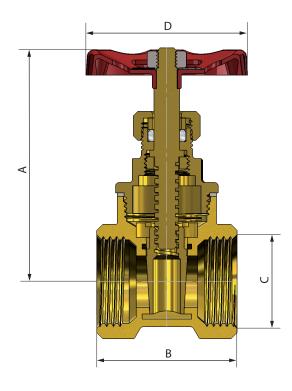






DIMENSIONS

Size	А	В	С	D
1/2FF	65	37	G ^{1/2}	50
3/4 FF	67	41	G ^{3/4}	50
1 FF	76	44	G1	59
1 ^{1/4} FF	90	50	G1 ^{1/4}	59
1 ^{1/2} FF	96	51	G1 ^{1/2}	70
2FF	119	61	G2	70
2 ^{1/2} FF	159	66	G2 ^{1/2}	98
3 FF	184	84	G3	109
4 FF	227	80	G4	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.

They 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°.



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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, SL reserves the right to change our products and specifications at any time and without prior notice.

