TAJO 2000 VITAQ VALVE

Quarter-turn ball valves for plumbing installations where the connection is made by threading.

- VITAQ system, more life, les lime at higher temperatures.
- European Brass, DW (4MS) quality for use in drinking water installations.
- 100% valves are tested for inner leakage.
- Without reducing flow.
- Strong construction and safe installations.
- Maximum thread length for demanding installations.

made in spain original | 4MS CW617N | PN 50 BAR | -20°C/140°C | 1/4

TECHNICAL SHEET TAJO 2000 VITAQ VALVE

PRODUCT DESCRIPTION

Quarter turn ball valves with manual operation where the connection is made by threaded ends.

VITAQ system increase the valve life span and flow comfort in hard water areas.

PRODUCT SCOPE

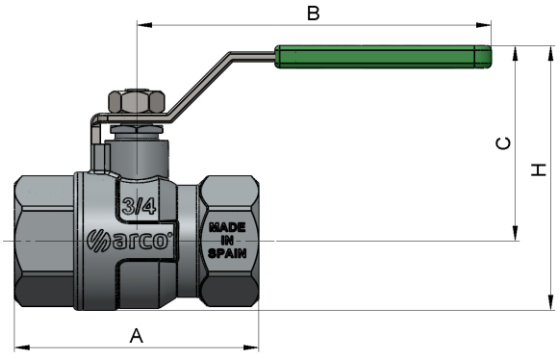
Specially designed for heating, DHW or mixed installations, as well as distribution networks and drinking water connections.

And in general, all those applications that require a valve capable of shutting off the supply of a fluid, guaranteeing tightness in accordance with the specified service conditions.

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

FEMALE – FEMALE LEVER GREEN COVER

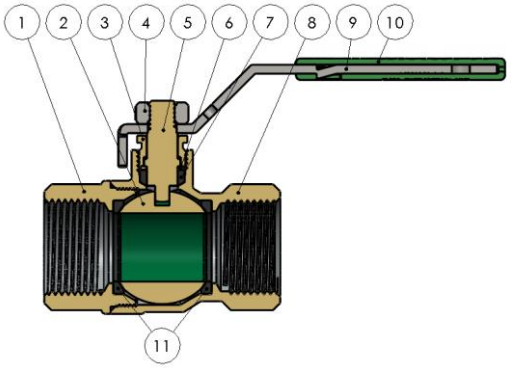
Code	Size	A (mm)	B (mm)	C (mm)	H (mm)	PN (BAR)	Temp. (ºC)*
00005AC	1/2 F-F	60	95	48	63	50	-20 to 140
00005AC01	1/2 F-F	60	95	48	63	50	-20 to 140
00006AC	3/4 F-F	66	95	53	71	50	-20 to 140
00006AC01	3/4 F-F	66	95	53	71	50	-20 to 140
00007AC	1 F-F	80	113	61	83	50	-20 to 140
00007AC01	1 F-F	80	113	61	83	50	-20 to 140
00008AC	1 1/4 F-F	89	113	66	93	50	-20 to 140
00009AC	1 1/2 F-F	108	153	73	108	50	-20 to 140
00010AC	2 F-F	126	153	81	123	50	-20 to 140
00011AC	2 1/2 F-F	150	173	90	142	50	-20 to 140



Threading according to ISO228
* Freezing is excluded.

MATERIALS

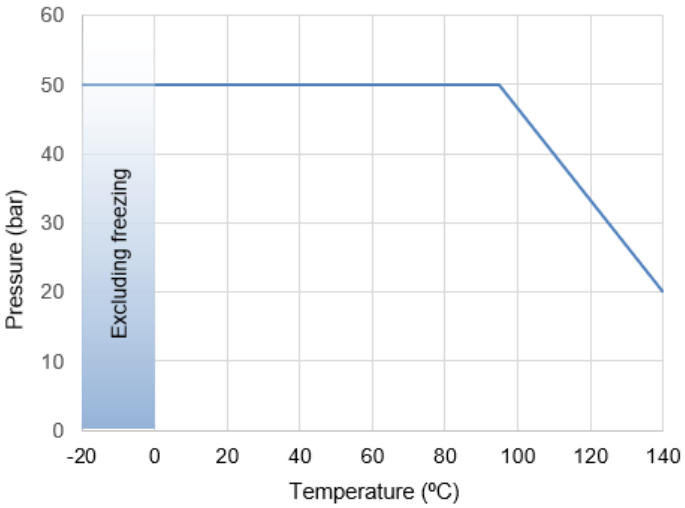
Item	Component	Material	Finishing
1	Lateral	Brass CW617N	Chrome plated
2	Ball	Brass CW617N	VITAQ
3	Gland nut	Brass CW614N	Zinc plated
4	Nut	Stainless steel	Stainless steel
5	Stem	Brass CW614N	Zinc plated
6	Washer	Brass CW614N	Brass color
7	Gland	PTFE	-
8	Body	Brass CW617N	Chrome plated
9	Lever	Stainless steel	Stainless steel
10	Cover	LPDE	Green
11	Seat	PTFE	-



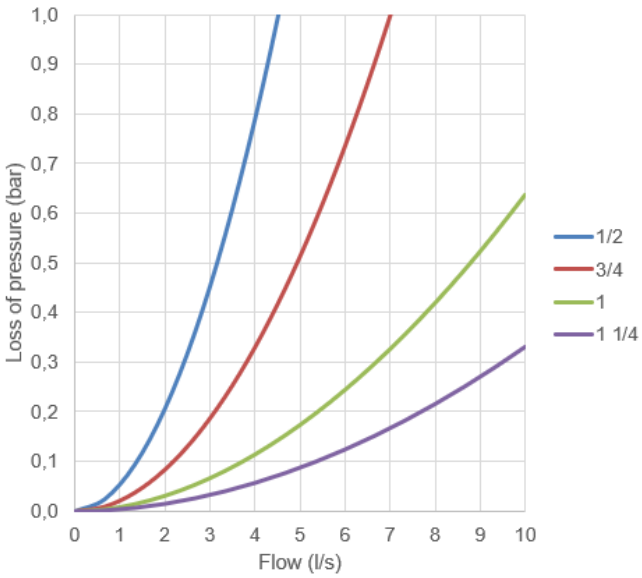
TECHNICAL DATA

Pressure vs. temperature

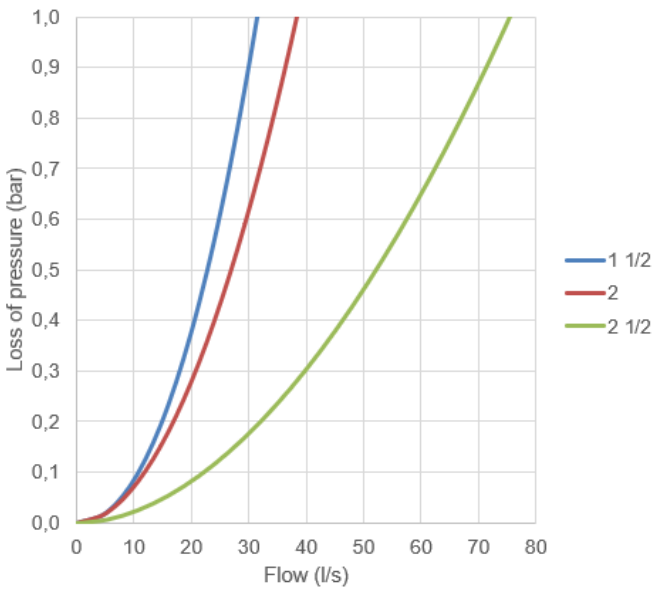
De 1/2 a 2 1/2



Hydraulic features. Flow vs. loss of pressure
Models from 1/2 to 1 1/4



Hydraulic features. Flow vs. loss of pressure
Models from 1 1/2 to 2 1/2



Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2
Kv	16,3	25,3	45,8	64,3	113,3	138,2	272,0

Compatibility with fluids

Fluid	Compatibility
Drinking water and domestic hot water	Excellent
Water + 50% Glycol (maximum)	Good

For any other fluid, please contact Arco technical service.

Kv (m^3/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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