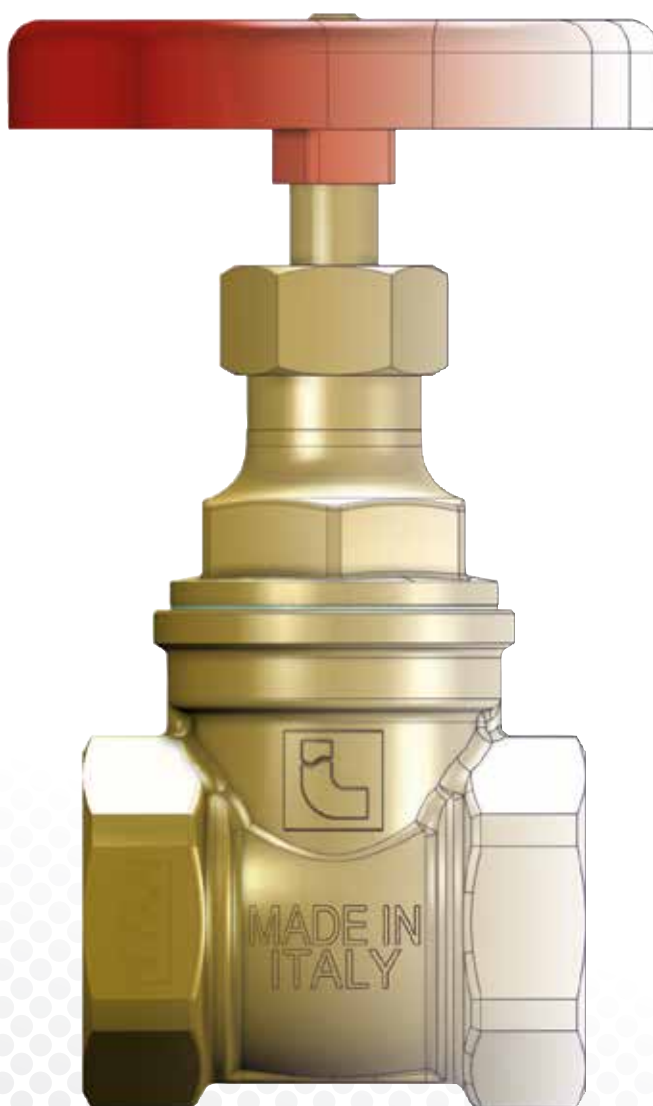




TECHNICAL CATALOGUE

Brass gate valve PN16



> THE COMPANY

ITAP SpA, founded in Lumezzane (Brescia) in 1972, is currently one of the leading production companies in Italy of **valves, fittings and distribution manifolds** for plumbing and heating systems.

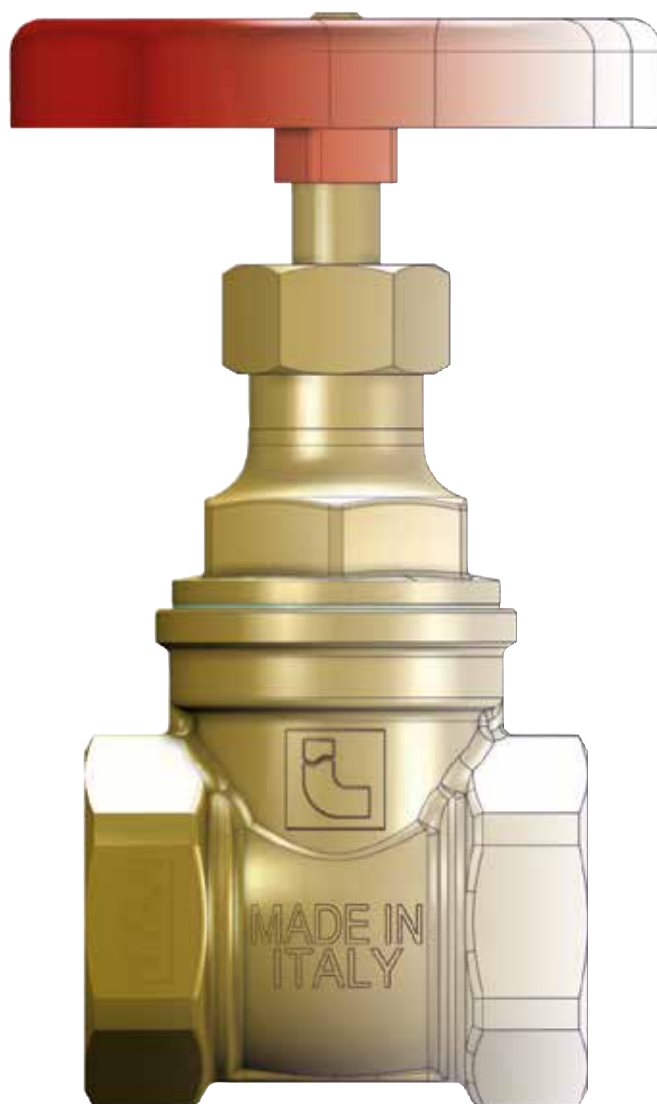
Thanks to fully automated production processes, with 72 tooling machines and 51 assembly lines, we are able to produce 200,000 pieces per day.

Our innate pursuit for innovation and observance of technical regulations is supported by the company certification ISO 9001. The company has always considered its focus on quality as the main tool to obtain significant business results: today ITAP SpA is proud to offer products bearing the approval of numerous international certifying bodies.



> ITAP products have obtained approvals by more than 30 certification bodies from all over the world.





> GENERAL NOTES:

Suitable for domestic water services, heating, air-conditioning plants.

> **156** Brass gate valve PN16



SIZE	PRESSURE	CODE	PACKING
1/2" (DN 15)	16bar/232psi	1560012	12/96
3/4" (DN 20)	16bar/232psi	1560034	10/80
1" (DN 25)	16bar/232psi	1560100	5/45
1"1/4 (DN 32)	16bar/232psi	1560114	4/32
1"1/2 (DN 40)	16bar/232psi	1560112	2/18
2" (DN 50)	16bar/232psi	1560200	2/18
2"1/2 (DN 65)	16bar/232psi	1560212	1/8
3" (DN 80)	16bar/232psi	1560300	1/8
4" (DN 100)	16bar/232psi	1560400	1/4

> CERTIFICATIONS



➤ TECHNICAL SPECIFICATIONS:

Female/female threads.

Handle in steel.

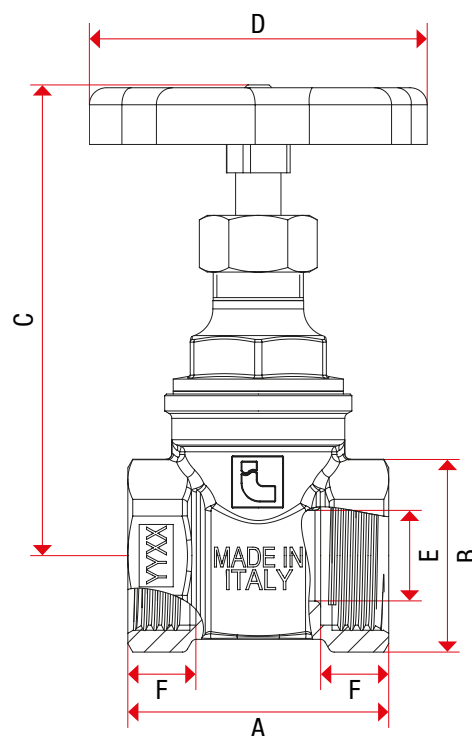
Body in brass.

Minimum and maximum working temperatures: 0°C, 150°C in absence of steam.

Threads: ISO228 (equivalent to DIN EN ISO 228 and BS EN ISO 228).

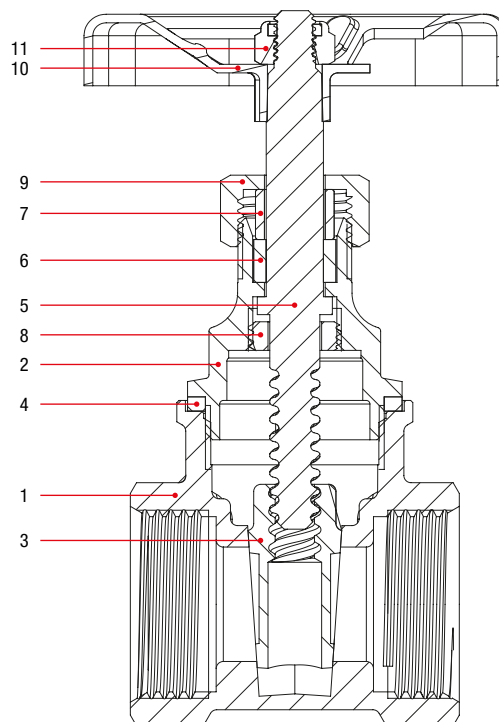
Available also with NPT thread in the sizes 2"1/2, 3" and 4".

> OVERALL DIMENSIONS

[illegible]

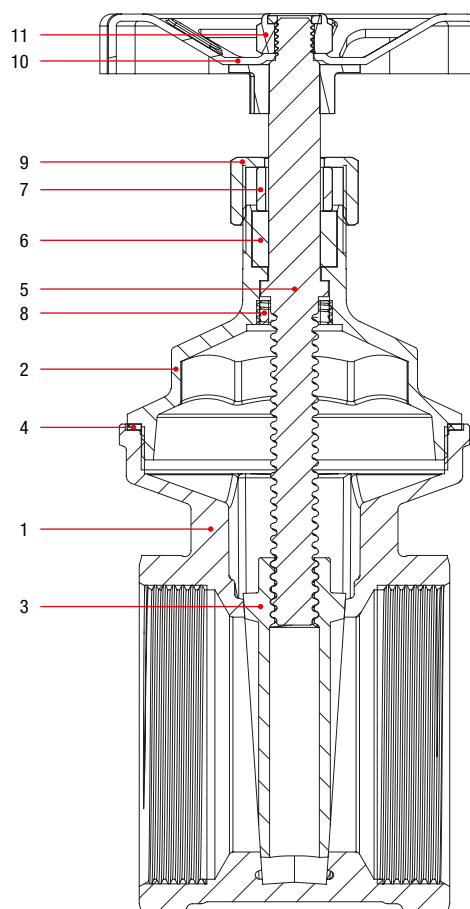
> MATERIALS from 1/2" to 2"

POS.	DESCRIPTION	N.	MATERIAL
1	Body	1	Brass CW617N
2	Bonnet	1	Brass CW617N
3	Disk	1	Brass CW617N
4	Washer	1	NA1002
5	Stem	1	Brass CW617N
6	Stem washer	1	FE1000
7	Packing gland	1	Brass CW617N
8	Stem stop	1	Brass CW617N
9	Cap	1	Brass CW617N
10	Handwheel	1	Verniced steel P11
11	Self-locking nut	1	Zinc-plated steel CL8

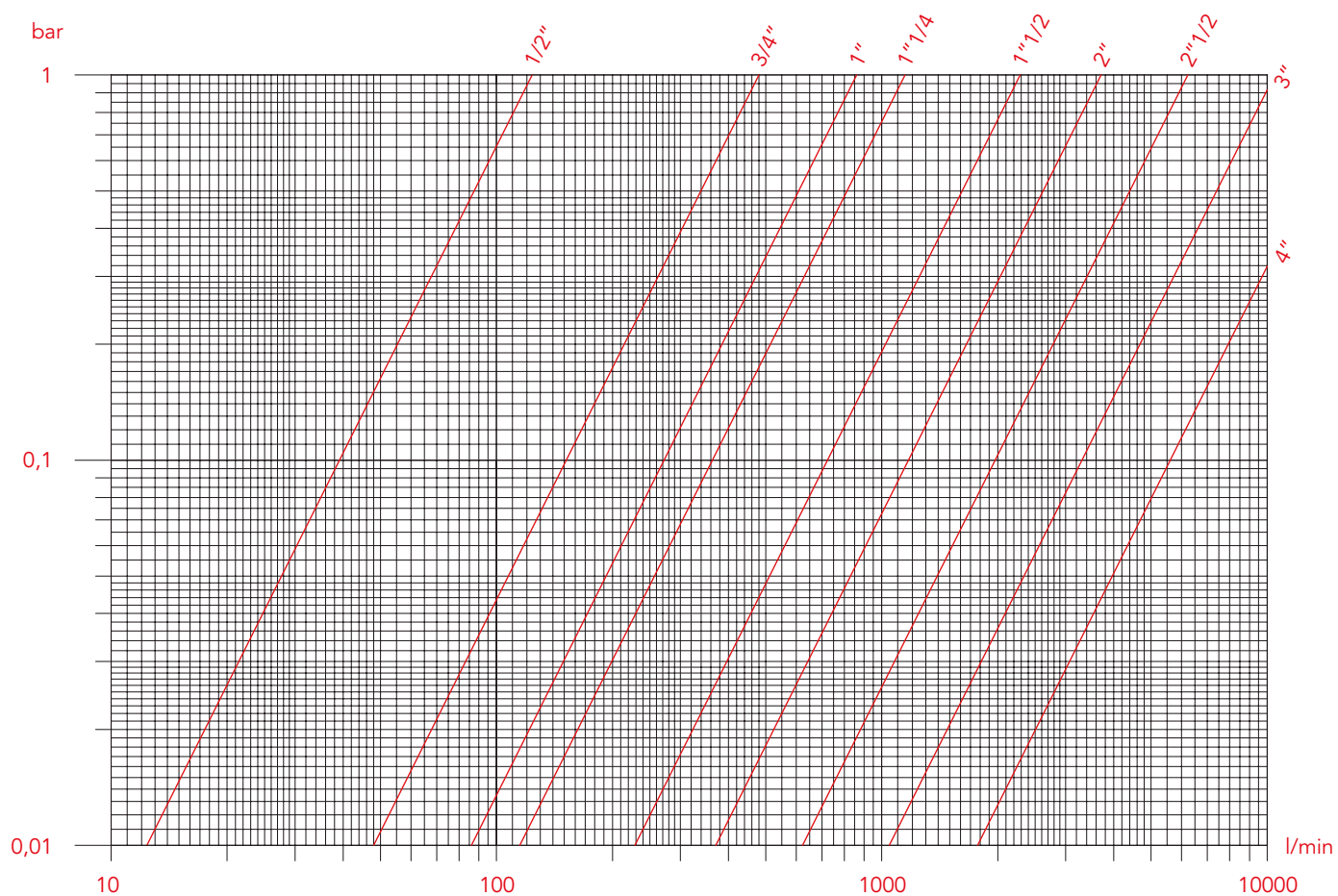


> MATERIALS from 2 1/2" to 4"

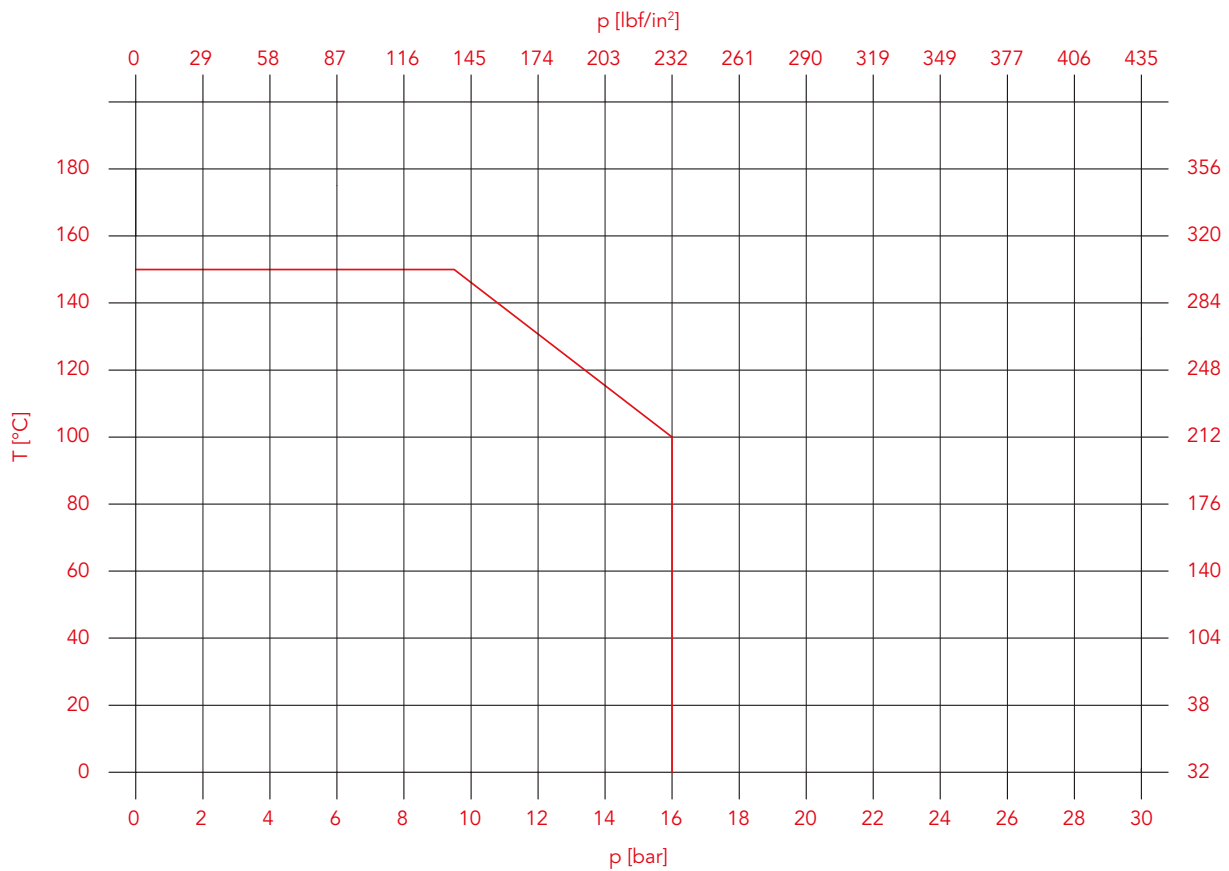
POS.	DESCRIPTION	N.	MATERIAL
1	Body	1	Brass CW617N
2	Bonnet	1	Brass CW617N
3	Disk	1	Brass CW617N
4	Washer	1	NA1002
5	Stem	1	Brass CW617N
6	Stem washer	1	FE1000
7	Packing gland	1	Brass CW617N
8	Stem stop	1	Brass CW617N
9	Cap	1	Brass CW617N
10	Handwheel	1	Verniced steel P11
11	Self-locking nut	1	Zinc-plated steel CL8



> LOSS DIAGRAM (With water)



> PRESSURE-TEMPERATURE DIAGRAM



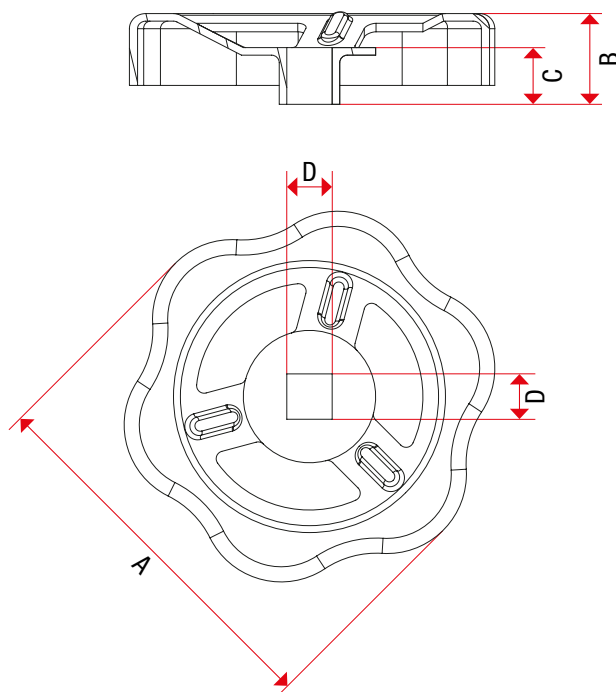
The values shown by the dropping lines state the maximum limit of employment of the valves.
The shown valves are approximate.

> VOLA Handwheel for gate valve art. 156



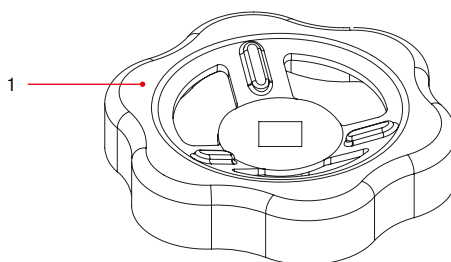
SIZE	CODE	PACKING	GATE VALVE
050	VOLA050	1/300	1/2" (DN 15)
060	VOLA060	1/300	3/4" (DN 20)
060	VOLA060	1/300	1" (DN 25)
070	VOLA070	1/300	1"1/4 (DN 32)
070	VOLA070	1/300	1"1/2 (DN 40)
080	VOLA080	1/300	2" (DN 50)
100	VOLA100	1/200	2"1/2 (DN 65)
100	VOLA100	1/200	3" (DN 80)
120	VOLA120	1/120	4" (DN 100)

> OVERALL DIMENSIONS



	050	060	070	080	100	120
A	50	60	70	80	100	120
B	12	15	17,6	19	25	26
C	7,5	8	10,6	10,6	15	15
D	6	7	7	8	11	12

> MATERIALS



POS.	DESCRIPTION	N.	MATERIAL
1	Handwheel	1	Verniced steel P11



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We reserve the right to make improvements and changes to the products described herein and to the relative technical data, at any time and without forewarning.