

Gemini Valve B.V.

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GV502XS



FEATURES

The brass 2-way ball valve 502 provides the shut-off function for networks of usual non-corrosive fluids: water, air, hydrocarbons, etc. It is a full-bore valve. It is EC- and ACS-approved (French health compliance certificate). The ISO 5211 mounting pad allows the actuator to be directly assembled.

AVAILABLE MODELS

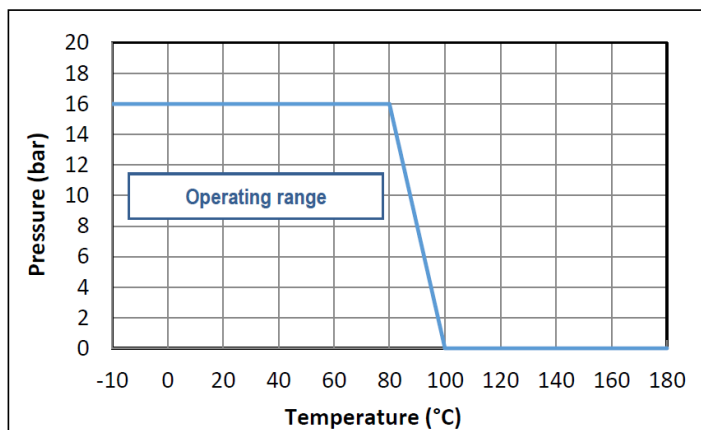
CW 617N brass body.

1/4" to 4" diameters.

G thread connections.

LIMITS OF USE

Fluid pressure: PS	16 bar
Fluid temperature: WT	-10°C / +100°C



1/2" to 4"

DIRECTIVES AND MANUFACTURING STANDARDS

OBJECT	Standard	ON	OBJECT	Standard
Pressure Equipment Directive 2014/68/EC	<u>1/4" to 1"</u> : article A4 § 3		French health compliance certificate (A.C.S.)	<u>1/4"- 3/8"</u> : not certified
	<u>1" 1/4 to 1"1/2</u> : category I			<u>1/2" to 1"1/2</u> : ACS
	<u>2" to 4"</u> : category II	ICIM 0425		<u>2" to 4"</u> : ACS
Size	EN 12516-4		Connection Motorisation	ISO 5211
Brass grade	NKS 12240			
Final test	NKS 12266			

Information given as an indication only, and subject to possible modifications.

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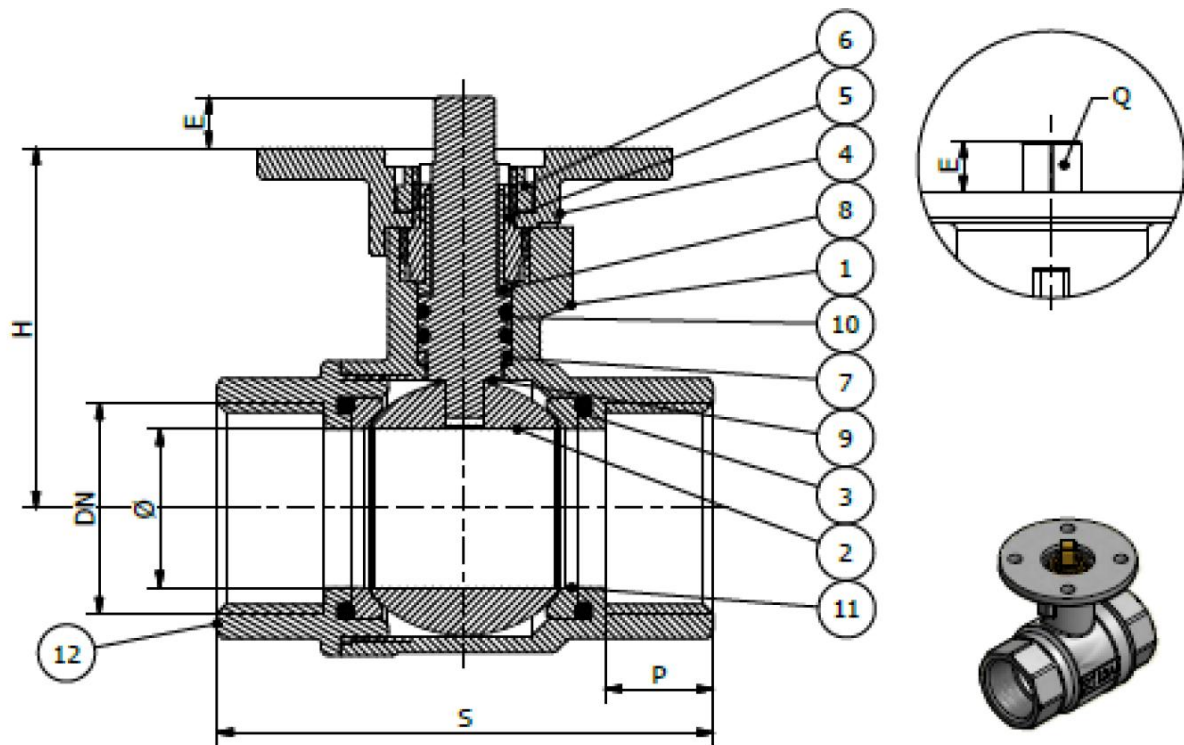
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CONSTRUCTION

No.	Name	Material	No.	Name	Material
1	Body	Nickel-plated CW 617N brass	7	Anti-friction ring	PTFE
2	Ball	Chromium-plated CW 617N brass	8	Anti-friction coupling	PTFE
3	O-ring (DN 2" ½ to 4")	NBR	9	Stem	CW 614N brass
4	Motorisation flange	Nickel-plated CW 617N brass	10	O-ring	NBR / FPM
5	Nut	CW 614N brass	11	Seat	PTFE
6	Nut	CW 614N brass	12	End	Nickel-plated CW 617N brass



DIMENSIONS (mm)

DN	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Ø	10	10	15	20	25	32	40	48	64	78	100
S	50	60	63.5	72	86	96	107	115	141	159	195
P	10	11	14	16	17	18	19	21	25	25	30
H	33	34	45	48.5	52.5	56.5	68	79	92	102	129
E	9	9	13	13	13	13	13	10	12	12	18
Q	9	9	11	11	11	11	11	11	14	14	17
ISO	F03	F03	F04-F05	F04-F05	F04-F05	F05	F05	F05	F05	F05	F07

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