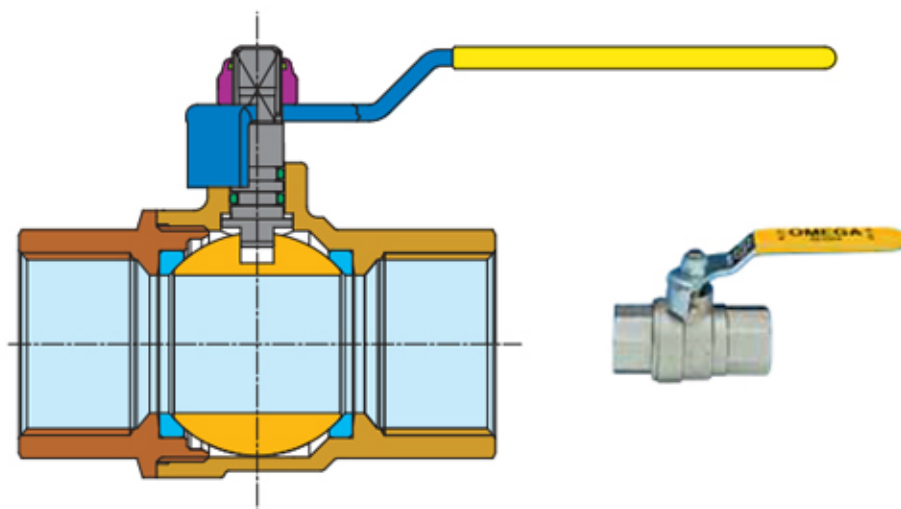











OMEGA

Full bore ball valve for fuel gas heavy series



- BODY 1 
- END ADAPTER 2 
- BALL 3 
- BALL GASKETS 4 
- STEM 5 
- THRUST WASHER 6 
- O-RINGS 7 
- HANDLE 8 
- SELF-LOCKING NUT 9 

APPROVED TO EN 331

Refer to specific national/international standards, where existing, for countries others than Italy.

MATERIAL SPECIFICATION

COMPONENT	MATERIAL	DESCRIPTION
 1 Body	CW 617 N UNI EN 12165	Nickel-plated, forged brass
 2 End adapter	CW 617 N UNI EN 12165	Nickel-plated, forged brass
 3 Ball	CW 614 N UNI EN 12164	Machined brass bar, chrome-plated
 4 Ball gaskets	P.T.F.E.	Pure Teflon
 5 Stem	CW 614 N UNI EN 12164	Machined brass bar
 6 Thrust washer	P.T.F.E.	Pure Teflon
 7 O-rings	Elastomer	Suitable for use with gas EN549
 8 Lever handle	Zinc-plated steel	Zinc-plated, yellow PVC insulated
 8 Lever or T-handle	AL UNI5076	Yellow PVC insulated
 9 Self-locking nut	Zinc-plated 8G steel	Zinc-plated

INTERNATIONAL APPROVALS

The OMEGA valves are approved to the EN 331 standard .

The OMEGA valves gained official approvals in various countries for use with gas.

END CONNECTIONS

Screwed to UNI EN 10226 (BSPT on request).

USES

Fuel gas:

- town gas (1st family)
- natural gas (2nd family)
- L.P.G. gas (3rd family) .

The OMEGA ball valves are also suitable for hot and cold water, compressed air, oils and hydrocarbons in general.

WORKING PRESSURE

For fuel gas 1[^], 2[^] e 3[^] family max 5 MOP.

For other uses from PN 80 (1/4") to PN 16 (size 4").

See pressure/temperature diagram.

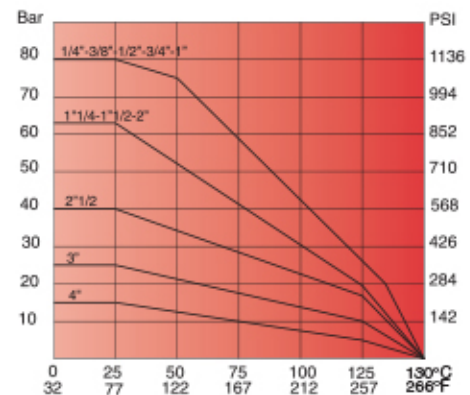
TEMPERATURE LIMITS

For fuel gas from -20°C to +60°C.

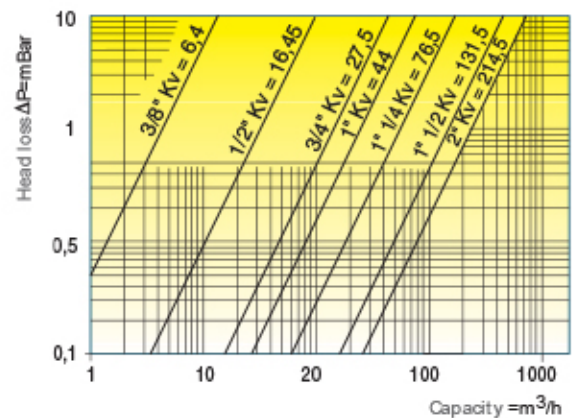
For other uses from -20°C to + 130°C.

See pressure/temperature diagram.

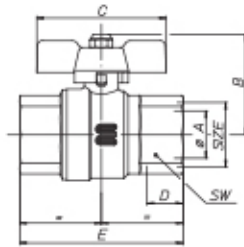
Pressure/temperature diagram (tested with water)



Head loss diagram (tested with air)



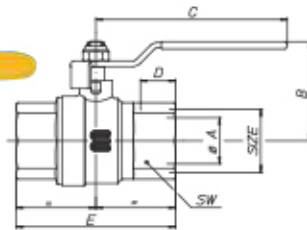
Art. S.0277 OMEGA



Full bore ball valve for fuel gas with T-handle, female/female, nickel-plated.

SIZE	1/2"	3/8"	1/2"	3/4"	1"				
aA bore	10	10	15	20	25				
B mm	35	35	40,5	49,5	54				
C mm	52	52	52	65	65				
D mm	11	11,4	15	16,3	19,1				
E mm	47,5	49,5	65	73,5	86,5				
SW mm	17	21	26	32	39				
Weight gr.	115	128	235	358	584				

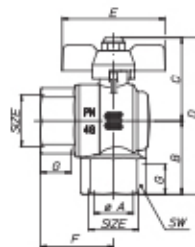
Art. S.0271 OMEGA



Full bore ball valve for fuel gas with steel lever, female/female, nickel-plated.

SIZE	1/2"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
aA bore	10	10	15	20	25	32	40	50	65	80	100
B mm	37	37	41,7	49,8	53,8	63,2	72	83,7	99,5	113,2	139
C mm	90	90	90	105	105	120	140	170	170	250	250
D mm	11	11,4	15	16,3	19,1	21,4	21,4	25,7	30,2	33,3	39,3
E mm	47,5	49,5	65	73,5	86,5	101,5	115,5	132,5	158	182,5	219
SW mm	17	21	26	32	39	48	55	68	83	97	124
Weight gr.	138	151	257	382	618	1040	1607	2716	3497	5865	10508

Art. S.0286 OMEGA



Angled full bore valve for fuel gas with T-handle, female/female, nickel-plated.

SIZE	1/2"x1/2"	3/4"x1/2"	1"x1"						
aA bore	15	20	25						
B mm	33	39	46,5						
C mm	39,5	48,5	63						
D mm	72,5	87,5	99,5						
E mm	52	65	65						
F mm	31,5	35	41,5						
G mm	15	16,3	19,1						
SW mm	26	32	39						
Weight gr.	198	335	504						