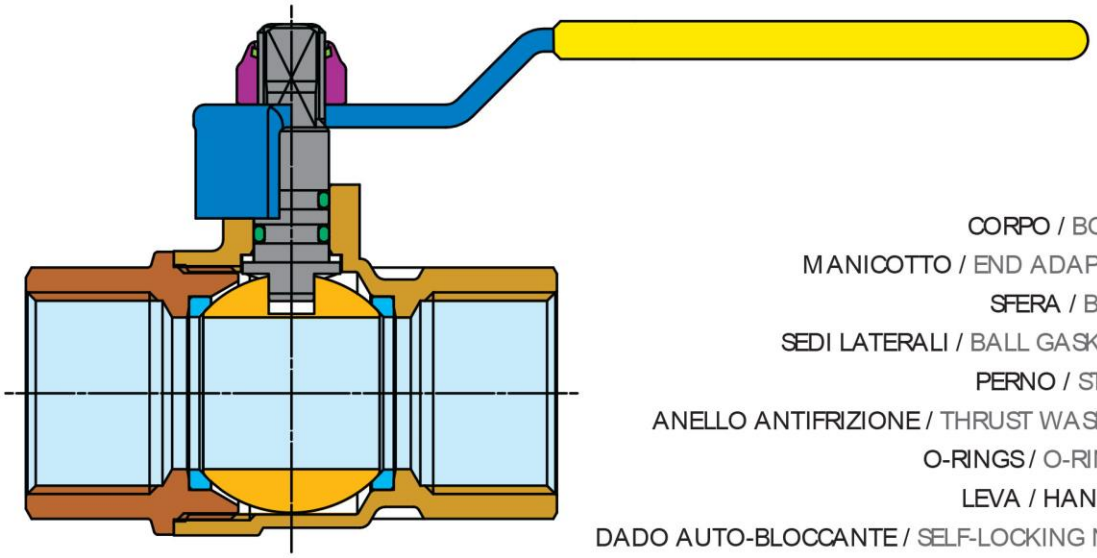
TOP • GAS

Valvola a sfera per gas combustibili serie professionale
Full bore ball valve for fuel gas standard series

APPROVATA EN 331 / APPROVED TO EN 331



CORPO / BODY 1
MANICOTTO / END ADAPTER 2
SFERA / BALL 3
SEDI LATERALI / BALL GASKETS 4
PERNO / STEM 5
ANELLO ANTIFRIZIONE / THRUST WASHER 6
O-RINGS / O-RINGS 7
LEVA / HANDLE 8
DADO AUTO-BLOCCANTE / SELF-LOCKING NUT 9

SPECIFICA MATERIALI / MATERIAL SPECIFICATION

	PARTICOLARI / COMPONENT	MATERIALI / MATERIAL	DESCRIZIONE / DESCRIPTION
1	Corpo Body	CW 617 N UNI EN 12165 CW 617 N UNI EN 12165	Stampato da barra, nichelato Nickel-plated, forged brass
2	Manicotto End adapter	CW 617 N UNI EN 12165 CW 617 N UNI EN 12165	Stampato da barra, nichelato Nickel-plated, forged brass
3	Sfera Ball	CW 614 N UNI EN 12164 CW 614 N UNI EN 12164	Da barra, nichel-cromata Machined brass bar, chrome-plated
4	Sedi laterali Ball gaskets	P.T.F.E. P.T.F.E.	Vergine Pure Teflon
5	Perno Stem	CW 614 N UNI EN 12164 CW 614 N UNI EN 12164	Da barra, nichelato Machined brass bar, nickel-plated
6	Anello antifrizione Thrust washer	P.T.F.E. P.T.F.E.	Vergine Pure Teflon
7	O-Rings O-rings	Elastomero Elastomer	Adatto all'uso per gas a norma EN549 Suitable for use with gas EN549
8	Leva Lever handle	Acciaio zincato Zinc-plated steel	Plastificata P.V.C. gialla Zinc-plated, yellow PVC insulated
	Farfalla o leva Lever or T-handle	AL UNI5076 AL UNI5076	Plastificata gialla Yellow PVC insulated
9	Dado auto-bloccante Self-locking nut	Acciaio 8G Zinc-plated 8G steel	Zincato Zinc-plated

APPROVAZIONI INTERNAZIONALI

Le valvole a sfera TOP• GAS sono approvate a norma EN 331.
Le valvole a sfera TOP• GAS hanno ottenuto approvazioni ufficiali per l'utilizzo con gas in vari paesi.

FILETTATURE

Estremità filettate UNI EN 10226 (BSPT a richiesta).

IMPIEGHI

Gas combustibili:
- gas di città (1^ famiglia)
- gas metano (2^ famiglia)
- gas liquidi (3^ famiglia).

Le valvole a sfera TOP• GAS sono anche adatte per l'uso con acqua calda e fredda, aria compressa, olii e idrocarburi in generale.

PRESSIONE DI ESERCIZIO

Per gas combustibili max 5 MOP.
Per altri usi da PN 50 (1/2") a PN 16 (4").
Vedere diagramma pressione/temperatura.

LIMITI DI TEMPERATURA

Per gas combustibili -20°C +60°C.
Per altri usi -20°C +130°C.
Vedere diagramma pressione/temperatura.

Per l'applicabilità del prodotto in paesi diversi dall'Italia, riferirsi alle specifiche norme nazionali/internazionali dei singoli stati.

INTERNATIONAL APPROVALS

The TOP• GAS valves are approved to the EN 331 standard .
The TOP• GAS 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 TOP• GAS ball valves are also suitable for hot and cold water, compressed air, oils and hydrocarbons in general.

WORKING PRESSURE

For fuel gas max 5 MOP.
For other uses from PN 50 (1/2") 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.

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

Diagramma pressione/temperatura
(prova eseguita con acqua)
Pressure/temperature diagram
(tested with water)

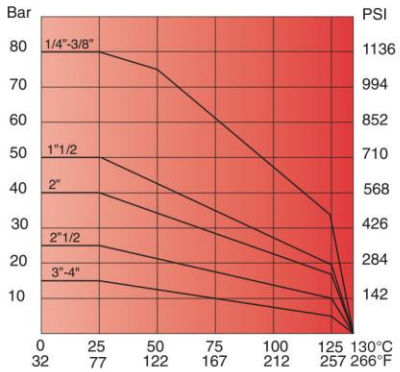
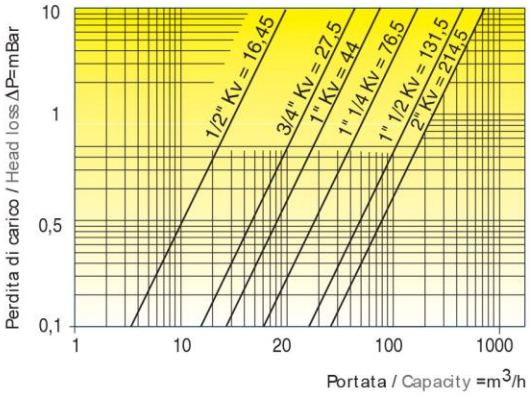


Diagramma perdite di carico
(prova eseguita con aria)
Head loss diagram
(tested with air)



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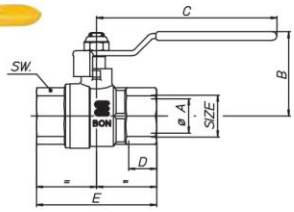
Art. S.1221 TOP•GAS



Valvola a sfera due femmine a passaggio totale per gas combustibili con leva in acciaio gialla, nichelata.

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

SIZE	½"	¾"	1"	1"¼	1"½	2"				
øA pass./bore	15	20	25	32	40	50				
B mm	41	49,5	53,5	66	72	86				
C mm	90	105	105	140	140	170				
D mm	15	16,3	19,1	21,4	21,4	25,7				
E mm	59,5	70	83	98,5	108	130				
SW mm	25	31	38	47	47	66				
Peso/Weight gr.	204	346	533	987	1475	2456				