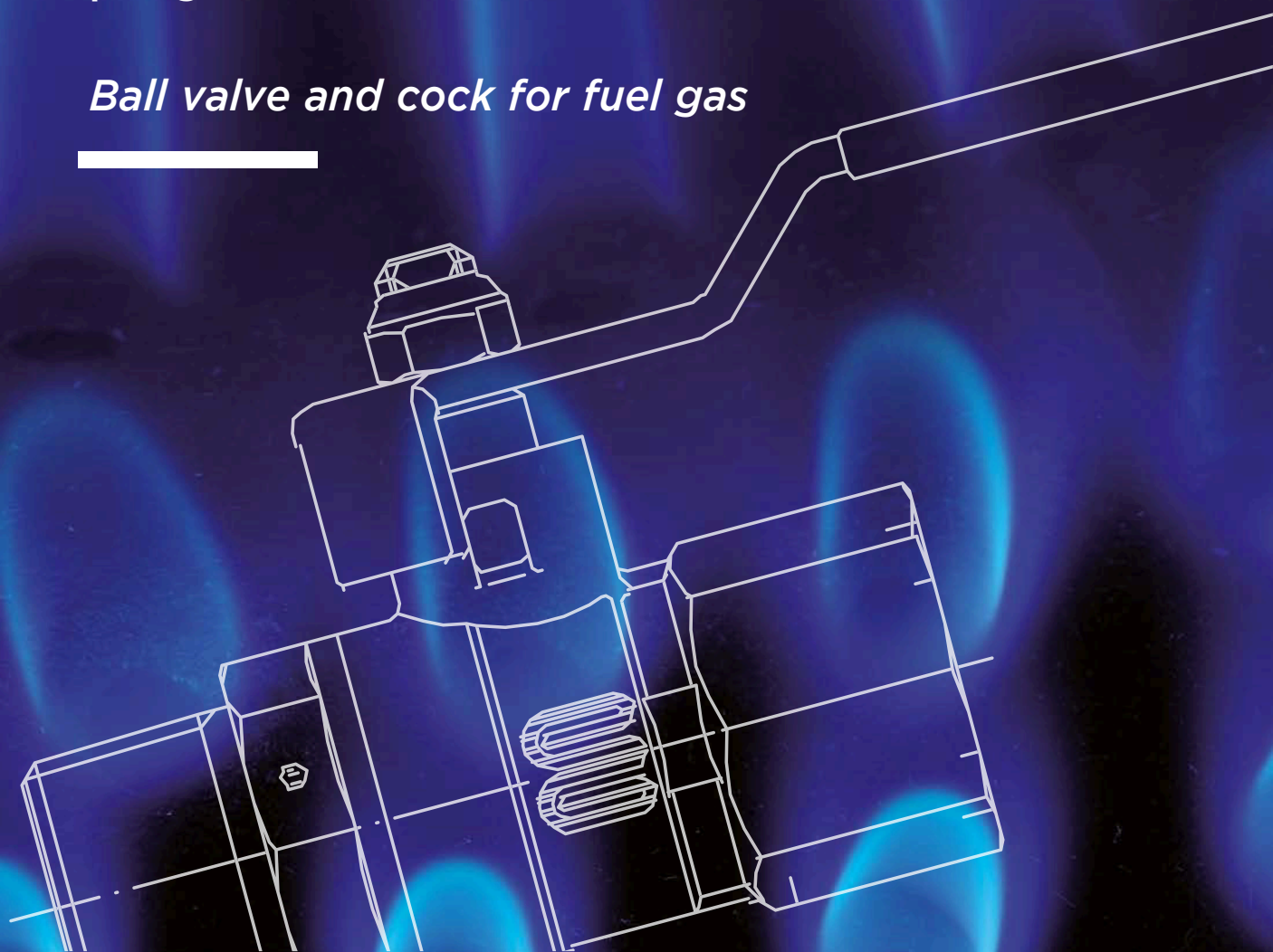


VALVOLE GAS

GAS VALVES

Valvola e rubinetto a sfera
per gas combustibili

Ball valve and cock for fuel gas





BON•GAS

VALVOLA DIRITTA
STRAIGHT BALL VALVE

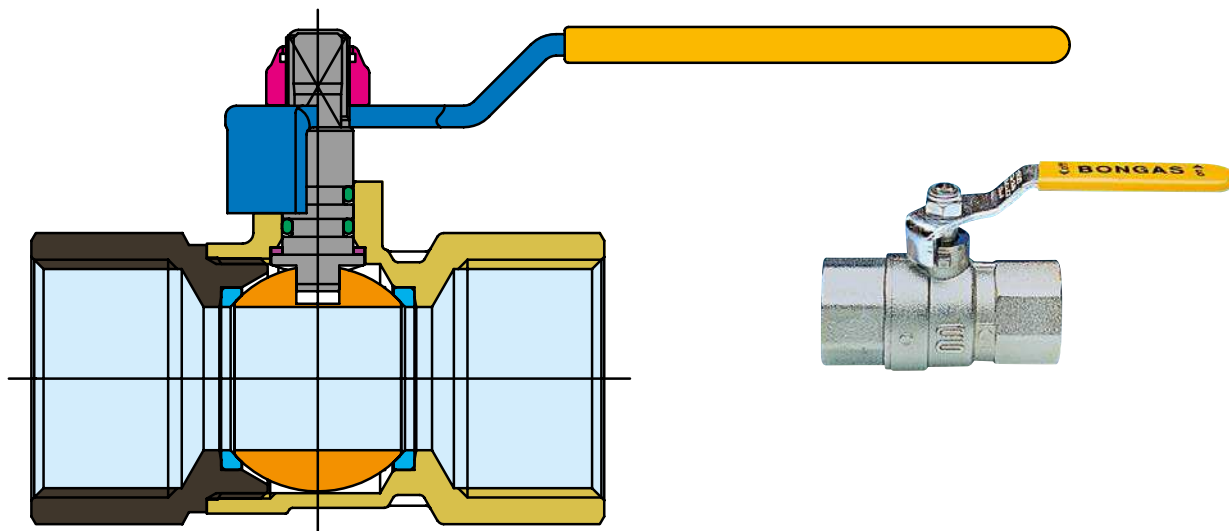
RUBINETTO DIRITTO
STRAIGHT BALL COCK

RUBINETTO A SQUADRA
ANGLED BALL COCK

RUBINETTO PER COLLEGAMENTO TUBO FLESSIBILE
BALL COCK FOR FLEXIBLE HOSE



APPROVATA EN 331 / APPROVED TO EN 331



Per l'applicabilità del prodotto in paesi diversi dall'Italia, riferirsi alle specifiche norme nazionali/internazionali dei singoli stati.
Refer to specific national/international standards, where existing, for countries others than Italy.

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 FORGED, NICKEL-PLATED
2	MANICOTTO END ADAPTER	CW 617 N UNI EN 12165 CW 617 N UNI EN 12165	STAMPATO DA BARRA, NICHELATO FORGED, NICKEL-PLATED
3	SFERA BALL	CW 614 N UNI EN 12164 CW 614 N UNI EN 12164	DA BARRA, NICHEL-CROMATA MACHINED, CHROME-PLATED
4	SEDI LATERALI BALL GASKETS	P.T.F.E. P.T.F.E.	VERGINE PURE
5	PERNO STEM	CW 614 N UNI EN 12164 CW 614 N UNI EN 12164	DA BARRA MACHINED
6	ANELLO ANTIFRIZIONE THRUST WASHER	P.T.F.E. P.T.F.E.	VERGINE PURE
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 FARFALLA O LEVA LEVER OR T-HANDLE	ACCIAIO ZINCATO ZINC-PLATED STEEL AL UNI5076 AL UNI5076	PLASTIFICATA IN P.V.C. PVC INSULATED VERNICIATA PVC INSULATED
9	DADO AUTO-BLOCCANTE SELF-LOCKING NUT	ACCIAIO 8G 8G STEEL	ZINCATO ZINC-PLATED

APPROVAZIONI INTERNAZIONALI

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

INTERNATIONAL APPROVALS

The **BON•GAS** valves are approved to the EN 331 standard.

The **BON•GAS** valves gained official approvals in various countries for use with gas.

FILETTATURE

Estremità filettate UNI EN 10226 (BSPT a richiesta).

END CONNECTIONS

Screwed to UNI EN 10226 (BSPT on request).

IMPIEGHI

Gas combustibili:

- gas di città (1^a famiglia)
- gas metano (2^a famiglia)
- gas liquidi (3^a famiglia)

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

USES

Fuel gas:

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

The **BON•GAS** ball valves are also suitable for hot and cold water, compressed air, oils and hydrocarbons in general.

PRESSIONE DI ESERCIZIO

Per gas combustibili 5 MOP.

Per altri usi da PN 40 (1/2") a PN 16 (2").

Vedere diagramma pressione/temperatura.

WORKING PRESSURE

For fuel gas 5 MOP.

For other uses from PN 40 (1/2") to PN 16 (size 2").

See pressure/temperature diagram.

LIMITI DI TEMPERATURA

Per gas combustibili da -20°C a +60°C.

Per altri usi da -20°C a +100°C.

Vedere diagramma pressione/temperatura.

TEMPERATURE LIMITS

For fuel gas from -20°C to +60°C.

For other uses from -20°C to +100°C.

See pressure/temperature diagram.

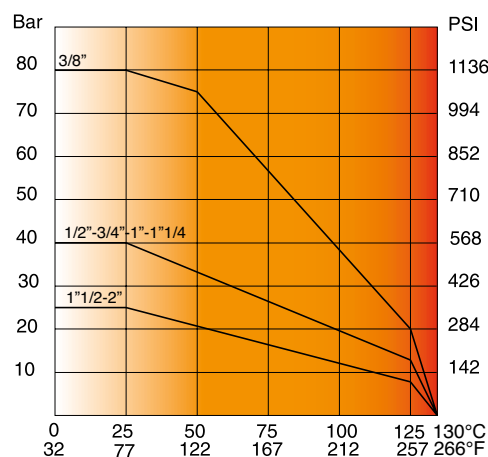
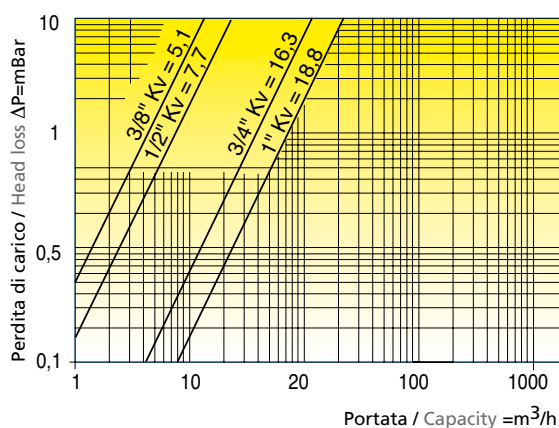


Diagramma pressione/temperatura Art.G0327, G0328, G0329, G0330

(prova eseguita con acqua)
per Art. G0231, G0232, G0237, G0238
fare riferimento al diagramma pressione/
temperatura della serie Atomic pag. 139

*Pressure/temperature diagram Art.G0327,
G0328, G0329, G0330 (tested with water)
for Art. G0231, G0232, G0237, G0238 refer
to pressure/temperature diagram of Atomic
series pag.139*



**Diagramma perdite di carico Art.G0327, G0328,
G0329, G0330 (prova eseguita con aria)**
per Art. G0231, G0232, G0237, G0238
fare riferimento al diagramma perdite di carico
della serie Top Gas pag. 33

*Head loss diagram Art.G0327, G0328, G0329,
G0330 (tested with air)
for Art. G0231, G0232, G0237, G0238 refer to
head loss diagram of Top Gas series pag.33*

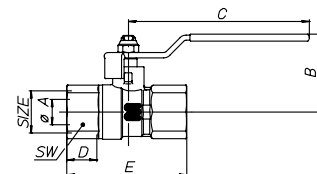
Art. G.0327 BON•GAS



SIZE	3/8"	1/2"	3/4"	1"					
øA pass./bore	10	12,5	17,5	20					
B mm	37	39,5	43	49,5					
C mm	90	90	90	105					
D mm	11,4	15	16,3	19,1					
E mm	49,5	60	72	80					
SW mm	21	25	31	38					

Valvola a sfera a passaggio ridotto per gas combustibili femmina/femmina con leva acciaio gialla, nichelato.

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



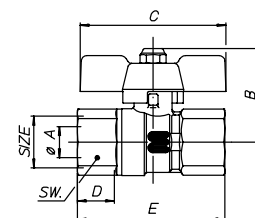
Art. G.0328 BON•GAS



SIZE	1/2"	3/4"	1"						
øA pass./bore	12,5	17,5	20						
B mm	38	41,5	49						
C mm	52	52	65						
D mm	15	16,3	19,1						
E mm	60	72	80						
SW mm	25	31	38						

Valvola a sfera a passaggio ridotto per gas combustibili femmina/femmina, con farfalla gialla, nichelato.

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



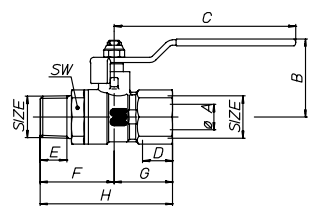
Art. G.0329 BON•GAS



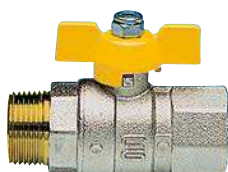
SIZE	1/2"	3/4"	1"						
øA pass./bore	12,5	17,5	20						
B mm	39,5	43	49,5						
C mm	90	90	105						
D mm	15	16,3	16,8						
E mm	13,2	14,5	19,1						
F mm	36,75	41,5	45						
G mm	29	36	40						
H mm	65,75	77,5	85						
SW mm	25	31	38						

Valvola a sfera a passaggio ridotto per gas combustibili maschio/femmina con leva acciaio gialla, nichelato.

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



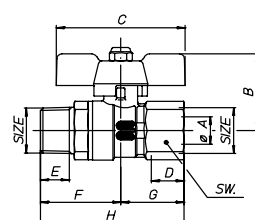
Art. G.0330 BON•GAS



SIZE	1/2"	3/4"	1"						
øA pass./bore	12,5	17,5	20						
B mm	38	41,5	49						
C mm	52	52	65						
D mm	15	16,3	19,1						
E mm	13,2	14,5	16,8						
F mm	36,75	41,5	45						
G mm	29	36	40						
H mm	65,75	77,5	85						
SW mm	25	31	38						

Valvola a sfera a passaggio ridotto per gas combustibili maschio/femmina, con farfalla gialla, nichelato.

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



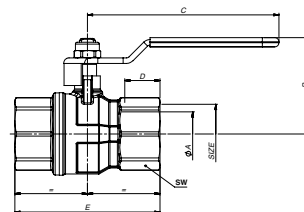
Art. G.0231 BON•GAS



SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
øA pass./bore	8	10	15	20	25	32	40	50	63	76
B mm	34,5	35,5	40	42	52	59	67,5	77,5	94	104,5
C mm	75	75	75	90	105	105	120	140	170	170
D mm	11	11,4	15	16,3	19,1	21,4	21,4	25,7	30,2	33,3
E mm	44,5	47	56,5	64	80	91,5	101	123,5	151	177
SW mm	17	21	24	30	37	46	53	66	83	97

Valvola a sfera a passaggio totale per gas combustibili femmina/femmina con leva acciaio gialla, nichelato.

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



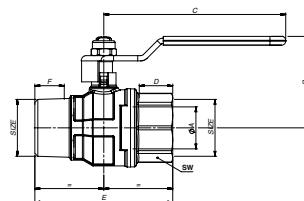
Art. G.0232 BON•GAS



SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"		
øA pass./bore	8	10	15	20	25	32	40	50		
B mm	34,5	35,5	40	42	52	59	67,5	77,5		
C mm	75	75	75	90	105	105	120	140		
D mm	11	11,4	15	16,3	19,1	21,4	21,4	25,7		
E mm	53	54	55,5	64	78,5	88,5	100	123		
F mm	9	10	13,2	14,5	16,8	19,1	19,1	23,4		
SW mm	15/17	18/21	24	30	37	46	53	66		

Valvola a sfera a passaggio totale per gas combustibili maschio/femmina, con leva acciaio gialla, nichelato.

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



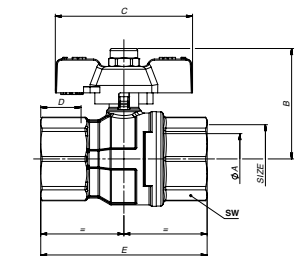
Art. G.0237 BON•GAS



SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"				
øA pass./bore	8	10	20	20	25	32				
B mm	29,4	30,4	40	42	52	59				
C mm	52	52	52	52	65	65				
D mm	11	11,4	15	16,3	19,1	21,4				
E mm	44,5	47	56,5	64	80	91,5				
SW mm	17	21	24	30	37	46				

Valvola a sfera a passaggio totale per gas combustibili femmina/femmina con farfalla gialla, nichelato.

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



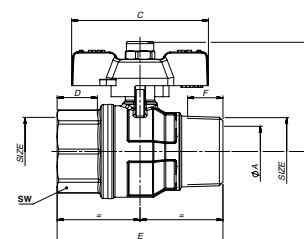
Art. G.0238 BON•GAS



SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"				
øA pass./bore	8	10	15	20	25	32				
B mm	29,4	30,4	40	42	52	59				
C mm	52	52	52	52	65	65				
D mm	11	11,4	15	16,3	19,1	21,4				
E mm	53	54	55,5	64	78,5	88,5				
F mm	9	10	13,2	14,5	16,8	19,1				
SW mm	15/17	18/21	24	30	37	46				

Valvola a sfera a passaggio totale per gas combustibili maschio/femmina, con farfalla gialla, nichelato.

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



Art. G.0323 BON•GAS

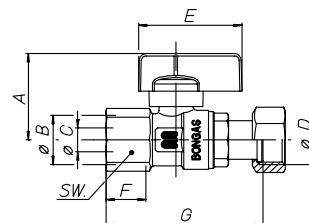
ERC



SIZE	1/2" x 1/2"	1/2" x 3/4"							
A mm	36,5	36,5							
øB	1/2"	1/2"							
øC pass./bore	10	10							
øD	1/2"	3/4"							
E mm	44	44							
F mm	15	15							
G mm	68	69							
SW mm	25	25							

Rubinetto a sfera per gas combustibili diritto femmina/girello, per scaldabagno, con levetta in alluminio plastificata gialla, nichelato.

Straight ball cock for fuel gas, female/nut, for water heater, with coated aluminium lever, nickel-plated.



Art. G.0324 BON•GAS

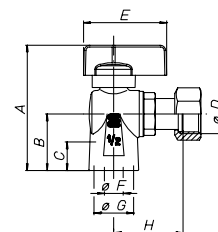
ERC ICIM



SIZE	1/2" x 1/2"	1/2" x 3/4"							
A mm	66,5	66,5							
B mm	30	30							
C mm	15	15							
øD	1/2"	3/4"							
E mm	44	44							
øF pass./bore	10	10							
øG	1/2"	1/2"							
H mm	38,2	39,2							

Rubinetto a sfera per gas combustibili a squadra femmina/girello, per scaldabagno, con levetta in alluminio plastificata gialla, nichelato.

Angled ball cock for fuel gas, female/nut, for water heater, with coated aluminium lever, nickel-plated.



Art. G.0325 BON•GAS

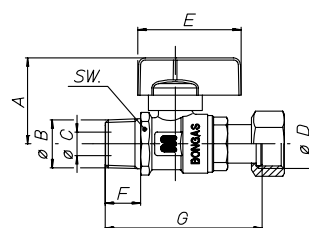
ERC



SIZE	1/2" x 1/2"	1/2" x 3/4"							
A mm	36,6	36,6							
øB	1/2"	1/2"							
øC pass./bore	10	10							
øD	1/2"	3/4"							
E mm	44	44							
F mm	15	15							
G mm	68	69							
SW mm	25	25							

Rubinetto a sfera per gas combustibili diritto maschio/girello, per scaldabagno, con levetta in alluminio plastificata gialla, nichelato.

Straight ball cock for fuel gas, male/nut, for water heater, with coated aluminium lever, nickel-plated.



Art. G.0326 BON•GAS

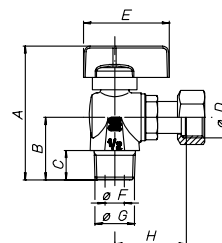
ERC ICIM



SIZE	1/2" x 1/2"	1/2" x 3/4"	3/4" x 3/4"						
A mm	68,6	66,6	66,9						
B mm	32	32	30,3						
C mm	15	15	15						
øD	1/2"	3/4"	3/4"						
E mm	44	44	44						
øF pass./bore	10	10	10						
øG	1/2"	1/2"	3/4"						
H mm	38,2	39,2	39,2						

Rubinetto a sfera per gas combustibili a squadra maschio/girello, per scaldabagno, con levetta in alluminio plastificata gialla, nichelato.

Angled ball cock for fuel gas, male/nut, for water heater, with coated aluminium lever, nickel-plated.



Art. G.0356 BON•GAS

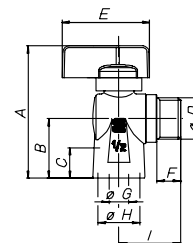
ERC



SIZE	1/2" x 1/2"								
A mm	66,5								
B mm	30								
C mm	15								
øD	1/2"								
E mm	44								
F mm	12								
øG pass./bore	10								
øH	1/2"								
I mm	31,2								

Rubinetto a sfera a squadra femmina/maschio con levetta in alluminio plastificata gialla, nichelato.

Angled ball cock for fuel gas, female/male, with yellow plastic coated aluminium lever, nickel-plated.



Art. G.0358 BON•GAS

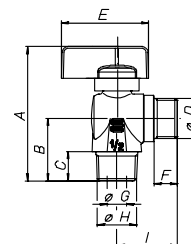
ERC



SIZE	1/2" x 1/2"								
A mm	68,6								
B mm	32								
C mm	15								
øD	1/2"								
E mm	44								
F mm	12								
øG pass./bore	10								
øH	1/2"								
I mm	31,2								

Rubinetto a sfera a squadra maschio/maschio con levetta in alluminio plastificata gialla, nichelato.

Angled ball cock for fuel gas, male/male, with yellow plastic coated aluminium lever, nickel-plated.



Art. G.0360 BON•FLEX

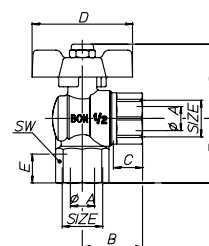
ERC ICM



SIZE	1/2" x 1/2"								
øA pass./bore	12,5								
B mm	31								
C mm	15								
D mm	52								
E mm	15								
F mm	33,5								
G mm	38,5								
H mm	72								
SW mm	26								

Rubinetto a sfera per gas combustibili a squadra femmina/femmina con farfalla, per tubo flessibile, nichelato.

Angled ball cock for fuel gas, female/female, with T-handle for flexible hose, nickel-plated.



Art. G.0361 BON•FLEX

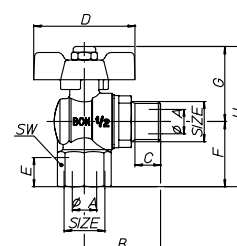
ERC ICM



SIZE	1/2" x 1/2"								
øA pass./bore	12,5								
B mm	39,15								
C mm	13,2								
D mm	52								
E mm	15								
F mm	33,5								
G mm	38,5								
H mm	72								
SW mm	26								

Rubinetto a sfera per gas combustibili a squadra femmina/maschio con farfalla, per tubo flessibile, nichelato.

Angled ball cock for fuel gas, female/male, with T-handle for flexible hose, nickel-plated.



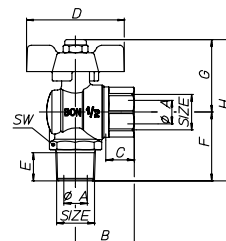
Art. G.0362 BON•FLEX



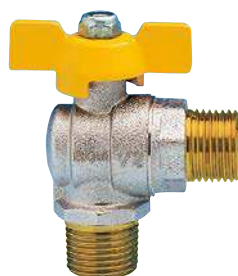
SIZE	1/2" x 1/2"								
øA pass./bore	12,5								
B mm	31								
C mm	15								
D mm	52								
E mm	15								
F mm	36,5								
G mm	38,5								
H mm	75								
SW mm	26								

Rubinetto a sfera per gas combustibili a squadra, maschio/femmina con farfalla, per tubo flessibile, nichelato.

Angled ball cock for fuel gas, male/female, with T-handle for flexible hose, nickel-plated.



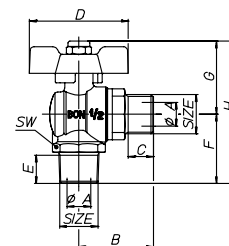
Art. G.0363 BON•FLEX



SIZE	1/2" x 1/2"								
øA pass./bore	12,5								
B mm	39,15								
C mm	13,2								
D mm	52								
E mm	15								
F mm	36,5								
G mm	38,5								
H mm	75								
SW mm	26								

Rubinetto a sfera per gas combustibili a squadra, maschio/maschio con farfalla, per tubo flessibile, nichelato.

Angled ball valve for fuel gas, male/male, with T-handle for flexible hose, nickel-plated.



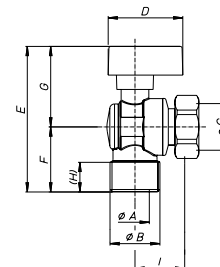
Art. G.0386 BON•GAS



SIZE	1/2" x 1/2"	3/4" x 3/4"							
ø A mm	12,5	15							
øB	1/2"	3/4"							
øC	1/2"	3/4"							
D mm	44	44							
E mm	68,5	74							
F mm	30	34							
G mm	38,5	40							
H mm	12	14,5							
I mm	26	26							

Rubinetto a sfera per gas combustibili a squadra, maschio/girello **per caldaia** con levetta in alluminio plastificata gialla.

Angled ball cock for fuel gas, male/nut for boiler, with yellow plastic coated aluminium lever.



Art. G.0387



SIZE	1/2" x 1/2"	3/4" x 3/4"							
ø A mm	12,5	15							
øB	1/2"	3/4"							
øC	1/2"	3/4"							
D mm	44	44							
E mm	68,5	74							
F mm	30	34							
G mm	38,5	40							
H mm	12	14,5							
I mm	26	26							

Rubinetto a sfera **per acqua** a squadra, maschio/girello **per caldaia**, con levetta in alluminio.

Angled ball cock for water, male/nut for boiler, with black plastic coated aluminium lever.

