



Niehues

Hydraulik · Automation

VALVOLE ACQUA
WATER VALVES



MINI•BON

MINI VALVOLA A SFERA
MINI BALL VALVE



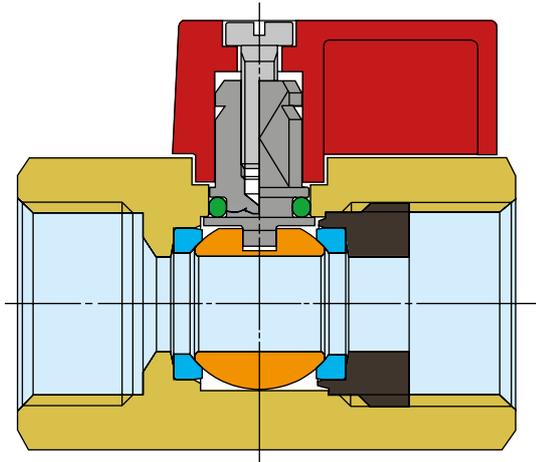
• 179 • ENOLGAS

Archivierung: 03/2022

MINI•BON

Mini valvola a sfera
 Mini ball valve

APPROVATA EN 13828 / APPROVED TO EN 13828



NOTE

In accordo alla UNI EN 13828 in presenza di acque aggressive per la lega di ottone, in ottemperanza alla UNI EN ISO 6509, è necessario l'utilizzo della lega di ottone antidezincificante. La produzione è disponibile su richiesta.

NOTE

According to UNI EN 13828 in presence of water which could be aggressive for brass alloy, as agree with UNI EN ISO 6509 standard, is necessary the DZR brass alloy. The manufacture is available on request.

SPECIFICA MATERIALI / MATERIAL SPECIFICATION

PARTICOLARI / COMPONENT	MATERIALI / MATERIAL	DESCRIZIONE / DESCRIPTION
1 CORPO BODY	CW 614 N UNI EN 12165 CW 614 N UNI EN 12165	DA BARRA, CROMATO MACHINED, CHROME-PLATED
2 MANICOTTO END ADAPTER	CW 614 N UNI EN 12164 CW 614 N UNI EN 12164	DA BARRA MACHINED
3 SFERA BALL	CW 614 N UNI EN 12164 CW 614 N UNI EN 12164	DA BARRA, 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 O-RING O-RING	ELASTOMERO ELASTOMER	ADATTO ALL'USO PER ACQUA SUITABLE FOR USE WITH WATER
7 LEVETTA LEVER HANDLE	NYLON RINFORZATO VETRO GLASS-FILLED NYLON	- -
8 VITE SCREW	ACCIAIO 8G 8G STEEL	ZINCATA ZINC-PLATED

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Mini ball valve

MINI•BON

MINI•BON CARATTERISTICHE

Disegno compatto, passaggio ridotto.

FILETTATURE

Estremità filettate UNI ISO 228/1.

IMPIEGHI

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

PRESSIONE DI ESERCIZIO

PN 10.

Vedere diagramma pressione/temperatura.

LIMITI DI TEMPERATURA

-10°C +90°C.

Vedere diagramma pressione/temperatura.

MINI•BON FEATURES

Compact design, reduced bore.

END CONNECTIONS

Ends are UNI ISO 228/1 threaded.

USES

MINI•BON ball valves are suitable for applications with hot or cold water, compressed air, oils and hydrocarbons in general.

WORKING PRESSURE

PN 10.

See pressure/temperature diagram.

TEMPERATURE LIMITS

From -10°C to + 90°C.

See pressure/temperature diagram.

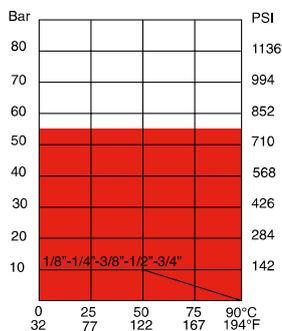
 VALVOLE ACQUA
 WATER VALVES


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

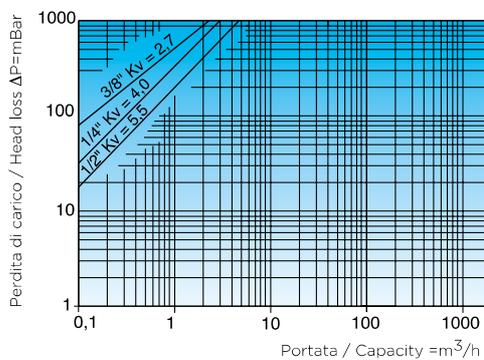


Diagramma perdite di carico
Loss of head diagram

MINI•BON

Mini valvola a sfera
Mini ball valve

Art. S.0330 MINI•BON

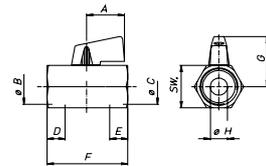


ERC

SIZE	1/8"	1/4"	3/8"	1/2"	3/4"
A mm	22	22	22	22	22
øB	G.1/8"	G.1/4"	G.3/8"	G.1/2"	G.3/4"
øC	G.1/8"	G.1/4"	G.3/8"	G.1/2"	G.3/4"
D mm	9	8,7	12	12	14,5
E mm	10	10	10	11,5	12
F mm	39	39	42	47	54
G mm	27	27	27	29	32
øH mm	8	8	8	10	13,5
SW mm	20	20	20	24	30

Valvole a sfera con levetta, femmina/femmina, cromata.

Ball valve with lever, female/female, chrome-plated.



Art. S.0331 MINI•BON

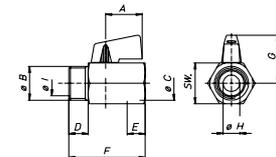


ERC

SIZE	1/8"	1/4"	3/8"	1/2"	3/4"
A mm	22	22	22	22	22
øB	G.1/8"	G.1/4"	G.3/8"	G.1/2"	G.3/4"
øC	G.1/8"	G.1/4"	G.3/8"	G.1/2"	G.3/4"
D mm	9	9	10	12,2	14
E mm	10	9	10	11,5	12
F mm	39	39	40	45	51
G mm	27	27	27	29	32
øH mm	5	8	8	10	13,5
øI mm	6	8,2	12,2	15	18
SW mm	20	20	20	24	30

Valvole a sfera con levetta, maschio/femmina, cromata.

Ball valve with lever, male/female, chrome-plated.



Art. S.0332 MINI•BON

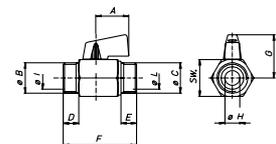


ERC

SIZE	1/4"	3/8"	1/2"
A mm	22	22	22
øB	G.1/4"	G.3/8"	G.1/2"
øC	G.1/4"	G.3/8"	G.1/2"
D mm	9	10	10,5
E mm	9	10	10,5
F mm	40,4	42,4	50
G mm	27	27	29
øH mm	8	8	10
øI mm	8,2	12,2	15
øL mm	8,2	12,2	15
SW mm	20	20	24

Valvole a sfera con levetta, maschio/maschio, cromata.

Ball valve with lever, male/male, chrome-plated.



Art. S.0333 MINI•BON

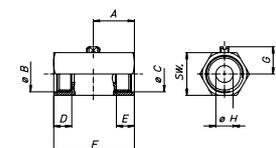


ERC

SIZE	1/8"	1/4"	3/8"	1/2"	3/4"
A mm	21	18	21	24	27
øB	G.1/8"	G.1/4"	G.3/8"	G.1/2"	G.3/4"
øC	G.1/8"	G.1/4"	G.3/8"	G.1/2"	G.3/4"
D mm	9	9	10	10,5	14,5
E mm	10	9	9	10,5	12
F mm	39	39	42	47	54
G mm	12,9	12,5	12,5	14,5	17,5
øH mm	8	8	8	10	13,5
SW mm	20	21	21	25	30

Valvola a sfera, manovra con cacciavite, femmina/femmina, cromata.

Ball valve, maneuver with screwdriver, female/female, chrome-plated.



Mini valvola a sfera
Mini ball valve

MINI•BON

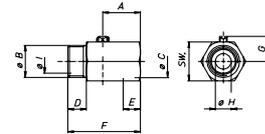
Art. S.0334 MINI•BON

EAC



SIZE	1/8"	1/4"	3/8"	1/2"	3/4"
A mm	18	18	21	24	27
øB	G.1/8"	G.1/4"	G.3/8"	G.1/2"	G.3/4"
øC	G.1/8"	G.1/4"	G.3/8"	G.1/2"	G.3/4"
D mm	9	9	9	10,5	13,5
E mm	9	9	9	10,5	13,5
F mm	39	39	40	45	51
G mm	12,5	12,5	12,5	14,5	17
øH mm	6	8	8	10	12
øI mm	6	8	12	15	18
SW mm	21	21	21	25	30

Valvola a sfera, manovra con cacciavite, maschio/femmina, cromata.

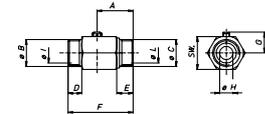
Ball valve, maneuver with screwdriver, male/female, chrome-plated.

Art. S.0335 MINI•BON

EAC



SIZE	1/4"	3/8"	1/2"
A mm	22	22	24
øB	G.1/4"	G.3/8"	G.1/2"
øC	G.1/4"	G.3/8"	G.1/2"
D mm	9	10	10,5
E mm	9	10	10,5
F mm	40,4	42,4	50
G mm	12,5	12,5	14,5
øH mm	8	8	10
øI mm	8,2	12,2	15
øL mm	8,2	12,2	15
SW mm	20	20	25

Valvola a sfera, manovra con cacciavite, maschio/maschio, cromata.

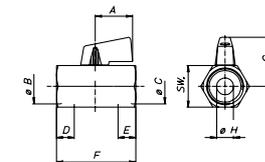
Ball valve, maneuver with screwdriver, male/male, chrome-plated.

Art. S.1317 MINI•BON•LUX

EAC



SIZE	3/8"	1/2"
A mm	22	22
øB	G.3/8"	G.1/2"
øC	G.3/8"	G.1/2"
D mm	10	10,5
E mm	9	10,5
F mm	42	47
G mm	27	29
øH mm	8	10
SW mm	21	25

Valvole a sfera, femmina/femmina, con levetta cromata in alluminio.

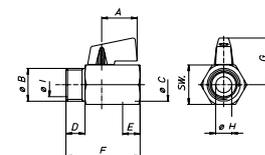
Ball valve, female/female, with chrome-plated lever in aluminium.

Art. S.1318 MINI•BON•LUX

EAC



SIZE	3/8"	1/2"
A mm	22	22
øB	G.3/8"	G.1/2"
øC	G.3/8"	G.1/2"
D mm	9	10,5
E mm	9	10,5
F mm	40	45
G mm	27	29
øH mm	8	10
øI mm	12	15
SW mm	21	25

Valvole a sfera, maschio/femmina, con levetta cromata in alluminio.

Ball valve, male/female, with chrome-plated lever in aluminium.

 VALVOLE ACQUA
 WATER VALVES