



BASIC

VALVOLA SERIE UNIVERSALE
BALL VALVE UNIVERSAL SERIES

VALVOLA CON BOCCHETTONE
BALL VALVE TAIL & NUT

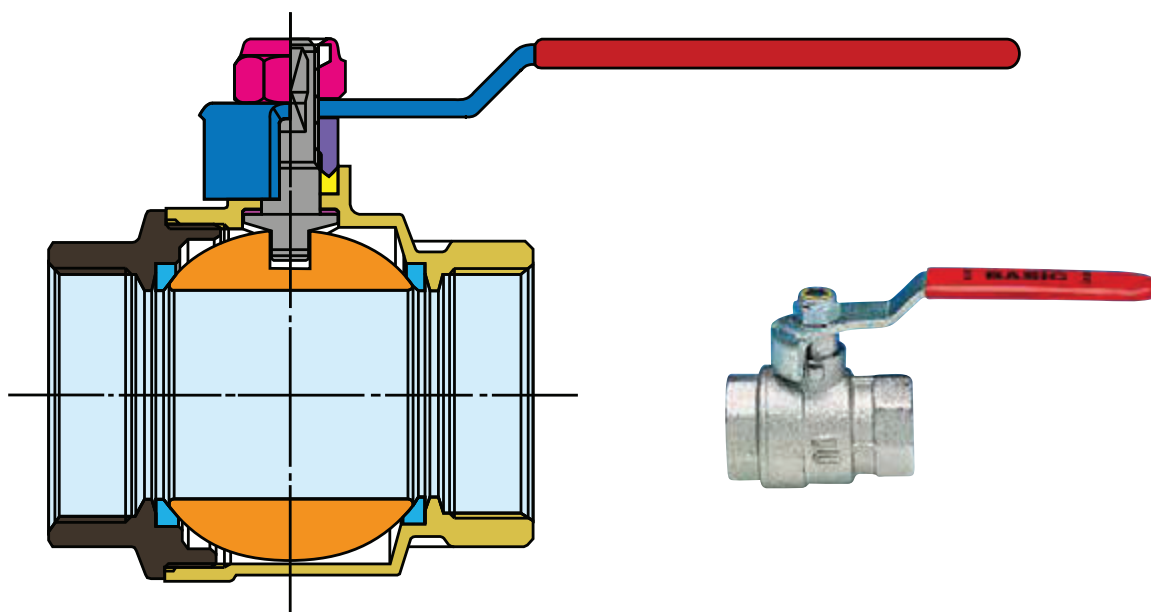
MINI PUMP
MINI PUMP

VALVOLA CON PROLUNGA
BALL VALVE WITH EXTENSION

VALVOLA CON SERRATURA
LOCKABLE BALL VALVE



APPROVATA EN 13828 / APPROVED TO EN 13828



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	GUARNIZIONE DI TENUTA SUP. STEM PACKING	P.T.F.E. P.T.F.E.	VERGINE PURE
8	PREMIGUARNIZIONE GLAND	CW 614 N UNI EN 12164 CW 614 N UNI EN 12164	DA BARRA, NICHELATO MACHINED, NICKEL-PLATED
9	LEVA 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 PAINTED
10	DADO AUTO-BLOCCANTE SELF-LOCKING NUT	ACCIAIO 8G 8G STEEL	ZINCATO ZINC-PLATED

CARATTERISTICHE

Serie standard, passaggio totale, filetti corti.
Tenuta perfetta a bassa e alta pressione.
Lunga durata senza manutenzione.

CHARACTERISTICS

Standard series, full bore, short threads.
Perfect tightness at low and high pressure.
Long life with no maintenance.

FILETTATURE

Estremità filettate UNI ISO 228/1.

END CONNECTIONS

Threaded ends UNI ISO 228/1.

IMPIEGHI

Le valvole a sfera **BASIC** sono adatte per l'uso con acqua calda e fredda, aria compressa, olii e idrocarburi in generale.
Per utilizzi speciali vedere le tabelle di compatibilità chimica.

USES

The **BASIC** ball valves are suitable for hot and cold water, compressed air, oils and hydrocarbons in general.
For special uses please see the chemical resistance tables.

PRESSIONE DI ESERCIZIO

Da PN 80 (1/4") a PN 16 (4").
Vedere diagramma pressione/temperatura.

WORKING PRESSURE

From PN 80 (size 1/4") to PN 16 (size 4").
See pressure/temperature diagram.

LIMITI DI TEMPERATURA

Da -20°C a +140°C.
Vedere diagramma pressione/temperatura.

TEMPERATURE LIMITS

From -20°C to +140°C.
See pressure/temperature diagram.

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.

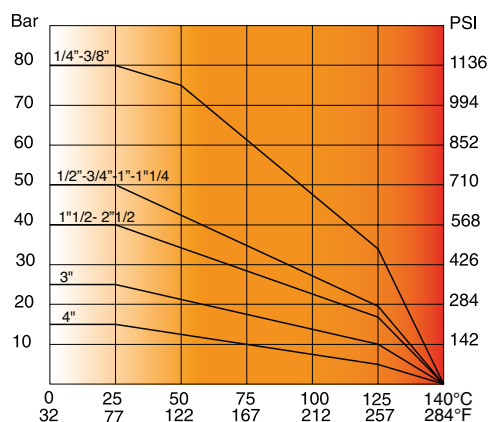


Diagramma pressione/temperatura
(prova eseguita con acqua)
Pressure/temperature diagram
(tested with water)

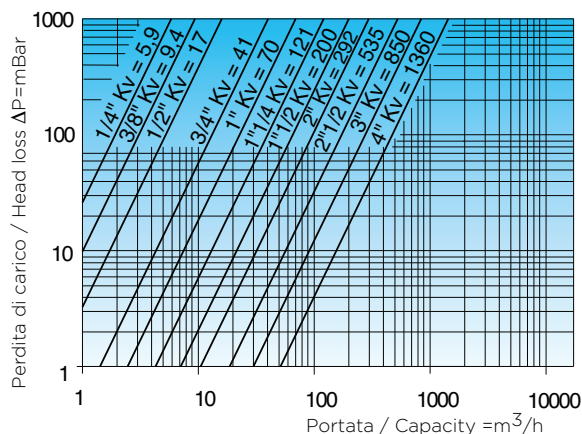
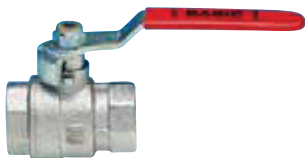


Diagramma perdite di carico
Head loss diagram

BASIC

Valvola a sfera a passaggio totale serie universale
Full bore ball valve universal series

Art. S.0211 BASIC

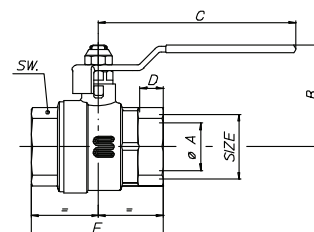


Su richiesta disponibile filettatura NPT.
Available on request NPT threads.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
øA pass./bore	10	10	15	20	25	32	40	50	65	80	100
B mm	38	38	39,5	47,5	51,5	62	71	85,5	98,5	112,5	135,5
C mm	90	90	90	105	105	120	140	170	170	250	250
D mm	11	11,4	9,5	11	12,5	13,5	15,5	17,5	19,5	21	24,3
E mm	47,5	49,5	49	59	70	81	94	112	134	156	189
SW mm	17	21	25	31	38	47	54	66	83	97	124

Valvola a sfera passaggio totale con leva acciaio, femmina/femmina, nichelata.

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



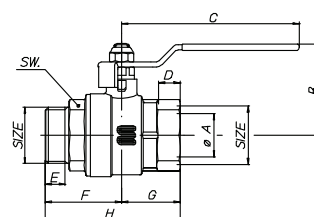
Art. S.0212 BASIC



SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"					
øA pass./bore	15	20	25	32	40	50					
B mm	39,5	47,5	51,5	62	71	85,5					
C mm	90	105	105	120	140	170					
D mm	9,5	11	12,5	13,5	15,5	17,5					
E mm	9,7	10,7	11,7	13,2	14,7	16,7					
F mm	34,75	40,5	44,5	47,5	54,5	65					
G mm	24,5	29,5	35	40,5	47	56					
H mm	59,5	70	79,5	88	101,5	121					
SW mm	25	31	38	47	54	66					

Valvola a sfera passaggio totale con leva acciaio, maschio/femmina, nichelata.

Full bore valve with steel handle, male/female, nickel-plated.



Art. S.0214 BASIC

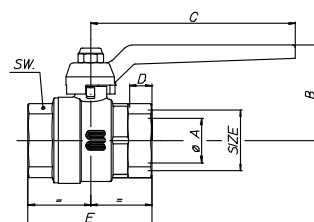


Su richiesta disponibile filettatura NPT.
Available on request NPT threads.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
øA pass./bore	10	10	15	20	25	32	40	50	65	80	100
B mm	38,5	38,5	40	49,5	53,5	64	74,5	90	105,5	119,5	142
C mm	80	80	80	115	115	130	150	170	170	235	235
D mm	11	11,4	9,5	11	12,5	13,5	15,5	17,5	19,5	21	24
E mm	47,5	49,5	49	59	70	81	94	112	134	156	189
SW mm	17	21	25	31	38	47	54	66	83	97	124

Valvola a sfera passaggio totale con leva alluminio, femmina/femmina, nichelata.

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



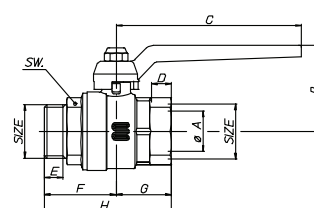
Art. S.0215 BASIC



SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"					
øA pass./bore	15	20	25	32	40	50					
B mm	40	49,5	53,5	64	74,5	90					
C mm	80	115	115	130	150	170					
D mm	9,5	11	12,5	13,5	15,5	17,5					
E mm	9,7	10,7	11,7	13,2	14,7	16,7					
F mm	34,75	40,5	44,5	47,7	54,5	65					
G mm	24,75	29,5	35	40,5	47,5	56					
H mm	59,5	70	79,5	91,5	102	121					
SW mm	25	31	38	47	54	66					

Valvola a sfera passaggio totale con leva alluminio, maschio/femmina, nichelata.

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



Valvola a sfera a passaggio totale serie universale
Full bore ball valve universal series

BASIC

Art. S.0217 BASIC

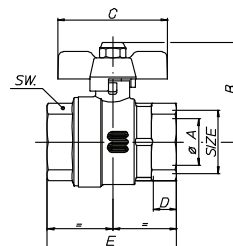


Su richiesta disponibile filettatura NPT.
Available on request NPT threads.

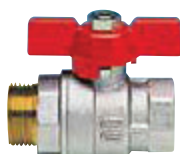
SIZE	1/4"	3/8"	1/2"	3/4"	1"					
øA pass./bore	10	10	15	20	25					
B mm	34,5	34,5	38	47	51					
C mm	52	52	52	65	65					
D mm	11	11,4	9,5	11	12,5					
E mm	47,5	49,5	49	59	70					
SW mm	17	21	25	31	38					

Valvola a sfera passaggio totale con farfalla, femmina/femmina, nichelata.

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



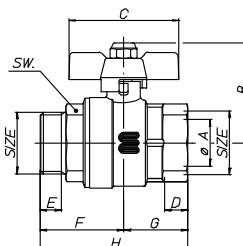
Art. S.0218 BASIC



SIZE	1/2"	3/4"	1"							
øA pass./bore	15	20	25							
B mm	38	47	51							
C mm	52	65	65							
D mm	9,5	11	12,5							
E mm	9,7	10,7	11,7							
F mm	34,75	40,5	44,5							
G mm	24,75	29,5	35							
H mm	59,5	70	79,5							
SW mm	25	31	38							

Valvola a sfera passaggio totale con farfalla, maschio/femmina, nichelata.

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



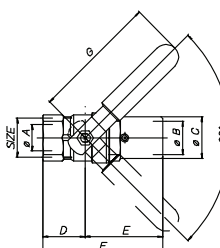
Art. S.0229 BASIC



SIZE	3/4"									
øA pass./bore	17,5									
øB mm	22,3									
øC mm	29,5									
D mm	30									
E mm	55									
F mm	85									
G mm	90									

Valvola a sfera femmina/manicotto cilindrico liscio con leva acciaio, nichelata.

Female ball valve for deep fryers, with red steel lever, nickel-plated.



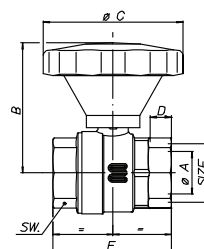
Art. S.0460 BASIC•BRAVO



SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"		
øA pass./bore	10	10	15	20	25	32	40	50		
B mm	67	67	68	74	78	114,5	121	130		
øC mm	82	82	82	82	82	128	128	128		
D mm	7	8,5	9,5	11	12,5	13,5	15,5	17,5		
E mm	38	43	49	59	70	81	94	112		
SW mm	17	21	25	31	38	47	54	66		

Valvola a sfera a passaggio totale con manopola di riduzione BRAVO, femmina/femmina, nichelata.

Full bore ball valve with BRAVO gear handle, female/female, nickel-plated.



BASIC

Valvola a sfera a passaggio totale serie universale
Full bore ball valve universal series

Art. S.3251 BASIC

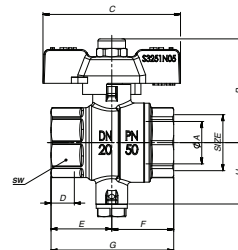
ERC



SIZE	3/4"	1"							
A mm	20	25							
B mm	49	53,5							
C mm	65	65							
D mm	11	12,5							
E mm	28,7	34,5							
F mm	29,3	35							
G mm	58	69,5							
H mm	29	33							
SW mm	31	38							

Valvola a sfera passaggio totale, femmina/femmina con attacco sonda (M10), nichelata.

Full bore ball valve, female/female, with gage port, nickel-plated.



Art. S.0226 BASIC

eurofins ACS

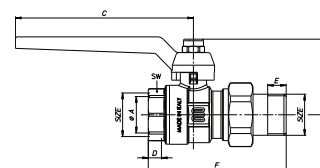
ERC



SIZE	1/2"	3/4"	1"	1 1/4"					
A mm	15	20	25	32					
B mm	41	50,5	54,5	61					
C mm	80	115	115	115					
D mm	9,5	11	12,5	13,5					
E mm	10	12	14	15					
F mm	77	89	110	124,5					
SW mm	25	31	38	47					

Valvola a sfera per collettori femmina/codola maschio **completa con O-ring** con leva alluminio rossa, nichelata.

Ball valve for manifolds female/male with tail and nut, **complete with O-ring** with aluminium lever, nickel-plated.



Art. S.0227 BASIC

eurofins ACS

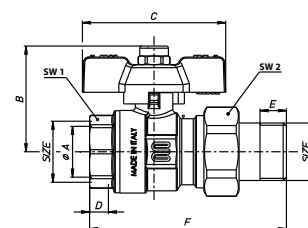
ERC



SIZE	1/2"	3/4"	1"	1 1/4"					
A pass./bore	15	20	25	32					
B mm	39	48	52	59,5					
C mm	52	65	65	65					
D mm	9,5	11	12,5	13,5					
E mm	10	12	14	15					
F mm	77	89	110	124,5					
SW 1 mm	25	31	38	47					
SW 2 mm	31	38	47	52					

Valvola a sfera per collettori femmina/codola **completa con O-ring** con farfalla, nichelata.

Ball valve for manifolds female/male with tail and nut, **complete with O-ring** with T-handle, nickel-plated.



Art. S.3226 BASIC

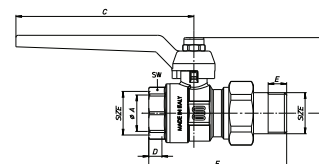
ERC



SIZE	1/2"	3/4"	1"	1 1/4"					
A mm	15	20	25	32					
B mm	41	50,5	54,5	61					
C mm	80	115	115	115					
D mm	9,5	11	12,5	13,5					
E mm	10	12	14	15					
F mm	77	89	110	124,5					
SW mm	25	31	38	47					

Valvola a sfera per collettori femmina/codola maschio **con sede piana** leva alluminio, nichelata.

Ball valve for manifolds female/male with tail and nut, **with flat seat**, aluminium lever, nickel-plated.



Valvola a sfera a passaggio totale serie universale
Full bore ball valve universal series

BASIC

Art. S.3227 BASIC

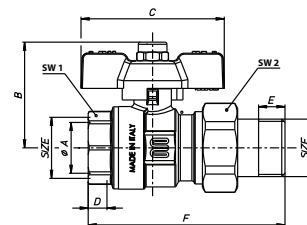
ERC



SIZE	1/2"	3/4"	1"	1 1/4"						
A pass./bore	15	20	25	32						
B mm	39	48	52	59,5						
C mm	52	65	65	65						
D mm	9,5	11	12,5	13,5						
E mm	10	12	14	15						
F mm	77	89	110	124,5						
SW 1 mm	25	31	38	47						
SW 2 mm	31	38	47	52						

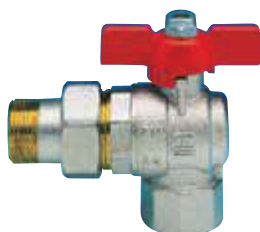
Valvola a sfera per collettori femmina/codola **con sede piana**, farfalla, nichelata.

Ball valve for manifolds female/male with tail and nut, **with flat seat**, T-handle, nickel-plated..



Art. S.0228 BASIC

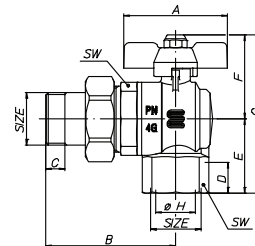
ERC



SIZE	1/2"	3/4"	1"							
A mm	52	65	65							
B mm	60,5	67,5	78							
C mm	10	12	12							
D mm	15	16,3	19,1							
E mm	33	39	46,5							
F mm	40	49	53							
G mm	73	88	99,5							
øH pass./bore	15	20	25							
SW mm	26	32	39							

Valvola a sfera a squadra per collettori femmina/codola maschio con farfalla, nichelata.

Angled ball valve for manifolds female/male with tail and nut, whit T-handle, nickel-plated.



Art. S.3208 BASIC

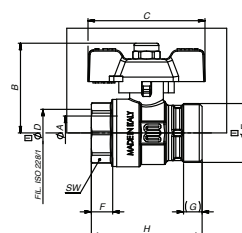
ERC



SIZE	3/4"x1"	1/2"x3/4"								
øA mm	20	15								
B mm	49	39,5								
C mm	65	52								
øD mm	3/4"	1/2"								
øE mm	1"	3/4"								
F mm	11	9,5								
G mm	10,8	8,2								
H mm	59,5	49,5								
SW mm	31	25								

Valvola a sfera **per collettore** senza codola e girello **con sede piana** e farfalla azzurra 1"M x 3/4 F.

Ball valve for manifolds without tail and nut with flat gasket and blue T-handle 1"M x 3/4 F.



Art. S.3209 BASIC

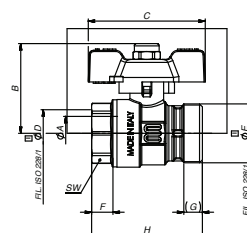
ERC



SIZE	3/4"x1"	1/2"x3/4"								
øA mm	20	15								
B mm	49	39,5								
C mm	65	52								
øD mm	3/4"	1/2"								
øE mm	1"	3/4"								
F mm	11	9,5								
G mm	10,8	8,2								
H mm	59,5	49,5								
SW mm	31	25								

Valvola a sfera **per collettore** senza codola e girello **con sede piana** e farfalla rossa 1"M x 3/4 F.

Ball valve for manifolds without tail and nut with flat gasket and red T-handle 1"M x 3/4 F.



BASIC

Valvola a sfera a passaggio totale serie universale
Full bore ball valve universal series

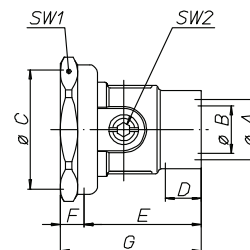
Art. S.0320 MINI•PUMP



SIZE	1"½x¾"	1"½x1"									
øA	3/4"	1"									
øB pass./bore	19	19									
øC	1"½	1"½									
D mm	14,5	15,7									
E mm	47,3	49									
F mm	9,5	9,5									
G mm	56,8	58,5									
SW1 mm	52	52									
SW2 mm	5	5									

Valvola a sfera filettata femmina con flangia per attacco pompe, con girello, sabbiata.

Ball valve, female threaded, for pumps connection, with nut, sand-blasted.



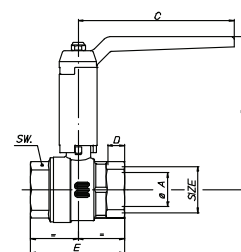
Art. S.0464 BASIC•XT



SIZE	¼"	¾"	½"	¾"	1"	1"¼"	1"½"	2"	2"½"	3"	4"
øA pass./bore	10	10	15	20	25	32	40	50	65	80	100
B mm	96,5	96,5	97,5	107	111	121,5	131	146,5	161	175	190
C mm	80	80	80	115	115	130	150	170	170	235	235
D mm	7	8,5	9,5	11	12,5	13,5	15,5	17,5	19,5	21	24,3
E mm	38,5	43,5	49	59	70	81	94	112	134	156	189
SW mm	17	21	25	31	38	47	54	66	83	97	124

Valvola a sfera a passaggio totale con prolunga XT, femmina/femmina, nichelata.

Full bore ball valve with extended stem, female/female, nickel-plated.



Art. S.3311 BASIC



SIZE	½"	¾"	1"	1"¼"							
øA pass./bore	15	20	25	32							
B mm	9	10,5	12	13							
C mm	60	60	80	80							
D mm	69,5	73,5	77,5	84,5							
E mm	46,5	54	65	76,5							
SW mm	24	30	37	47							

Valvola a sfera passaggio totale, femmina/femmina con prolunga in plastica.

Full bore ball valve with plastic extended stem, female/female, nickel-plated.

