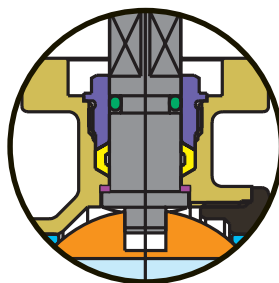


BALL O MATIC 2 WAY | 3 WAY

VALVOLA A SFERA A 2 VIE O 3 VIE SERIE PESANTE PER ATTUATORE |
2 WAY OR 3 WAY BALL VALVE HEAVY SERIES FOR ACTUATOR



TRIPLA TENUTA SUPERIORE E
PERNO ANTISCOPPIO
TRIPLE SEALING
BLOW OUT-PROOF STEM



- Guarnizione PTFE
- Stem packing PTFE
- O-Ring
- Anello antifrizione
- Thrust washer
- Perno Antiscoppio
- Blow out-proof stem



BALL O MATIC 2 VIE | 3 VIE

La serie BALL O MATIC è stata progettata per adempiere alle applicazioni più estreme ed esigenti. La valvola è realizzata con perno "antiscoppio" tripla tenuta sullo stelo composta da una guarnizione principale in PTFE, un O-ring ed un anello antifrizione. La flangia ISO 5211 garantisce la piena compatibilità con gli attuatori standard del mercato. Le valvole BOM sono adatte per acqua fredda e calda, aria compressa, oli, idrocarburi e fluidi non corrosivi. La valvola è disponibile con misure da 1/4" a 2" 1/2.

BALL O MATIC 2 WAY | 3 WAY

The BALL O MATIC series has been designed to fulfil the most extreme and demanding applications. The valve is made with a triple-sealed "explosion-proof" pin on the stem consisting of a main PTFE gasket, an O-ring and an anti-friction ring. The ISO 5211 flange guarantees full compatibility with standard market actuators. BOM valves are suitable for cold and hot water, compressed air, oils, hydrocarbons and non-corrosive fluids. The valve is available in sizes from 1/4" to 2" 1/2.

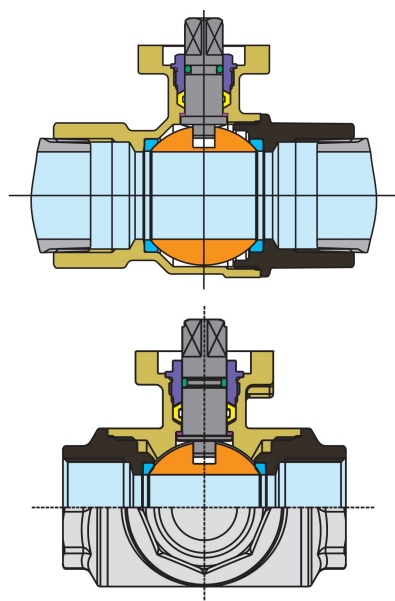
BALL O MATIC 2 WAY | 3 WAY

SPECIFICA MATERIALI MATERIAL SPECIFICATION

PARTICOLARI COMPONENT

MATERIALI MATERIAL

DESCRIZIONE DESCRIPTION



CORPO BODY	CW 617 N UNI EN 12165	STAMPATO DA BARRA, NICHELATO Forged, Nickel-Plated
MANICOTTO END ADAPTER	CW 617 N UNI EN 12165	STAMPATO DA BARRA, NICHELATO Forged, Nickel-Plated
SFERA BALL	CW 614 N UNI EN 12164	DA BARRA, NICHEL-CROMATA Machined, Chrome-Plated
SEDI LATERALI BALL GASKETS	PTFE	VERGINE Virgin
PERNO STEM	CW 614 N UNI EN 12164	DA BARRA, NICHELATO Machined, Chrome-Plated
O-RINGS	ELASTOMERO Elastomer	- -
PREMI GUARNIZIONE GLAND	CW 614 N UNI EN 12164	DA BARRA Machined
ANELLO ANTIFRIZIONE THRUST WASHER	PTFE	VERGINE Virgin
GUARNIZIONE DI TENUTA SUP. STEM PACKING	PTFE	VERGINE Virgin

FILETTATURE

Estremità filettate UNI EN 10226.

IMPIEGHI

Le valvole **BALL O MATIC** sono adatte per acqua fredda e calda, aria compressa, oli, idrocarburi e fluidi non corrosivi. Per usi speciali vedere la tabella delle resistenze chimiche.

PRESSIONE DI ESERCIZIO

Da PN40 (1/4") a PN25 (2"1/2 PN25) vedere diagramma.

LIMITI DI TEMPERATURA

Da -20 a + 130 °C.
Vedere diagramma pressione / temperatura.

END CONNECTIONS

Ends are UNI EN 10226 threaded.

APPLICATIONS

BALL O MATIC valves are suitable for applications with hot and cold water, compressed air, oils, hydrocarbons and non-corrosive fluids. For any special uses please see the table of chemical resistance.

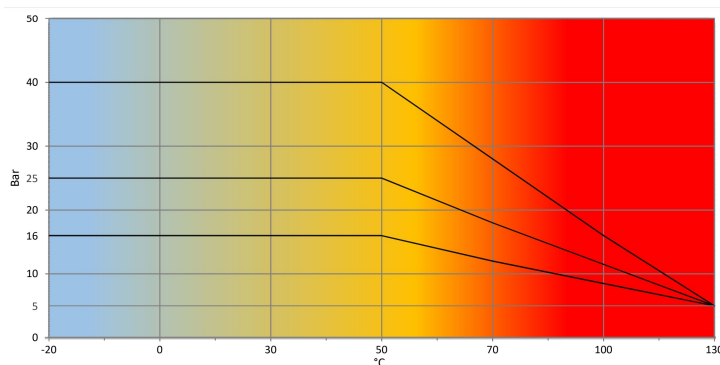
PRESSURE LIMITS

From PN40 (1/4") up to PN25 (2"1/2 PN25), see diagram.

TEMPERATURE LIMITS

From -20 to + 130 °C.
See pressure/temperature diagram.

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



BALL O MATIC 3 WAY

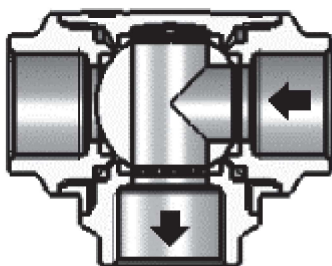
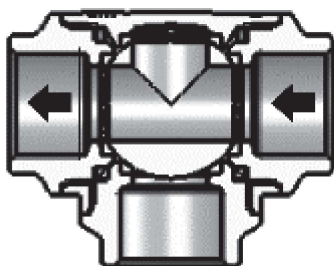
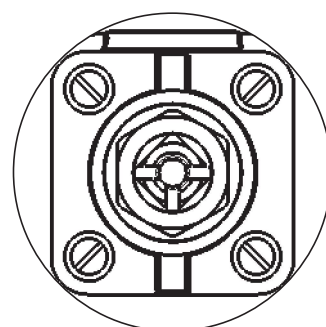
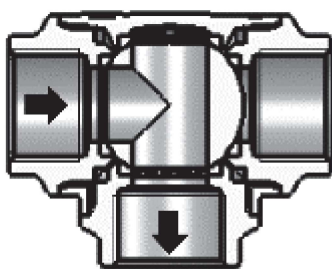
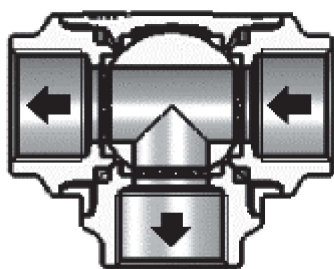
MISURA SIZE	PN MAX (bar)	Coppia di spunto Max (Nm) Max breaking torque (Nm)	Kv (con acqua) Kv (with water)
1/4"	40	6	-
3/8"	40	6	-
1/2"	40	7	5,4
3/4"	40	8	8,6
1"	40	11	15,6
1"1/4	40	16	30,3
1"1/2	25	25	52,6
2"	25	30	73

I valori sono medi/indicativi e si riferiscono ad una valvola nuova, come rilasciata da ENOLGAS dopo sette giorni di fermo, alla temperatura di 25°. Prevedere opportuni margini di sicurezza funzionali all'utilizzo in caso di accoppiamento delle valvole con attuatori diversi.

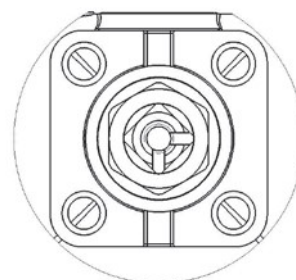
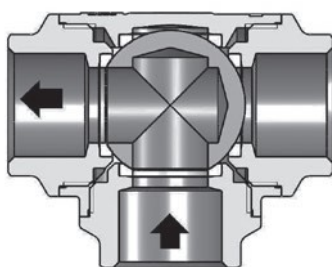
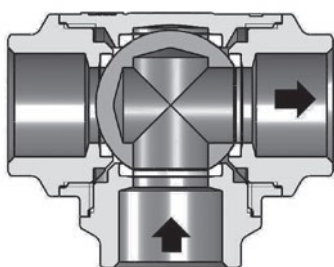
The above mentioned values are indicative (statistic average) and refer to a valve new, as released by ENOLGAS after seven days standstill, at the temperature of 25°. Please consider eventual safety margin in case you might use the valve with different actuators.

POSIZIONE SFERA E PERNO / BALL AND STEM POSITION

S1070 SFERA / BALL "T"



S1071 SFERA / BALL "L"



BALL O MATIC 3 WAY

S1070

BALL O MATIC T-PORT



S1071

BALL O MATIC L-PORT



CODICE CODE	EURO	ISO FLANGE	MISURA SIZE	PN Bar	Pcs. Box/Crt
S1070N32 - S1071N32	38,87	F03	1/4" (DN 8)	40	6/30
S1070N33 - S1071N33	38,87	F03	3/8" (DN 10)	40	6/30
S1070N34 - S1071N34	40,23	F03	1/2" (DN 15)	40	6/30
S1070N35 - S1071N35	54,89	F03	3/4" (DN 20)	40	6/24
S1070N36 - S1071N36	70,32	F03/F04	1" (DN 25)	40	6/12
S1070N37 - S1071N37	182,90	F04/F05	1 1/4" (DN 32)	40	2/4
S1070N38 - S1071N38	205,33	F04/F05	1 1/2" (DN 40)	25	2/4
S1070N39 - S1071N39	271,86	F05	2" (DN 50)	25	1/2

S1070 - Valvola a sfera 3 Vie, passaggio totale con sfera a "T".

S1071 - Valvola a sfera 3 Vie, passaggio totale con sfera a "L".

S1070 - 3-way ball valve, full bore with T-port.

S1071 - 3-way ball valve, full bore with L-port.

S1072

LEVA / LEVER



CODICE CODE	EURO	MISURA SIZE	Pcs. Box/Crt
S1072A04	8,11	1/4"...1"	1/5
S1072A07	8,11	1 1/4"-1 1/2"	1/5
S1072A09	34,53	2"	1/5

Leva in acciaio posizionabile a 360°. (Indicatore a T).

Steel lever, it can be positioned at 360°C.(T indicator)

S1073

BALL O MATIC 3 VIE
3-WAY T-PORT



S1074

BALL O MATIC 3 VIE
3-WAY L-PORT



CODICE CODE	EURO	MISURA SIZE	PN Bar	Pcs. Box/Crt
S1073N32 - S1074N32	46,79	1/4" (DN 8)	40	6/24
S1073N33 - S1074N33	46,79	3/8" (DN 10)	40	6/30
S1073N34 - S1074N34	48,44	1/2" (DN 15)	40	6/30
S1073N35 - S1074N35	63,11	3/4" (DN 20)	40	6/24
S1073N36 - S1074N36	78,52	1" (DN 25)	40	4/12
S1073N37 - S1074N37	192,47	1 1/4" (DN 32)	40	2/6
S1073N38 - S1074N38	214,90	1 1/2" (DN 40)	25	2/4
S1073N39 - S1074N39	292,52	2" (DN 50)	25	1/4

Valvola a sfera a 3 vie con leva in acciaio posizionabile a 360°

con sfera a "T" (S1073) o a "L" (S1074).

Ball valve full bore with steel lever that can be positioned at 360°

with T-port (S1073) or L-port (S1074).

S4051N - S4161N S4061N - S4151N

BALL O MATIC

CARATTERISTICHE ATTUATORE

S4051	T	230V	50HZ	2 punti	1 MICRO	bidirezionale
S4061	T	24V	50HZ	2 punti	1 MICRO	bidirezionale
S4151	L	230V	50HZ	2 punti	1 MICRO	bidirezionale
S4161	L	24V	50HZ	2 punti	1 MICRO	bidirezionale

FEATURES OF THE ACTUATOR

S4051	T-port	230V	50HZ	SPST	1 MICRO	two-way
S4061	T-port	24V	50HZ	SPST	1 MICRO	two-way
S4151	L-port	230V	50HZ	SPST	1 MICRO	two-way
S4161	L-port	24V	50HZ	SPST	1 MICRO	two-way



CODICE CODE	EURO	MISURA SIZE
S4051N32 - S4061N32 - S4151N32 - S4161N32	207,40	1/4"
S4051N33 - S4061N33 - S4151N33 - S4161N33	207,40	3/8"
S4051N34 - S4061N34 - S4151N34 - S4161N34	213,63	1/2"
S4051N35 - S4061N35 - S4151N35 - S4161N35	226,81	3/4"
S4051N36 - S4061N36 - S4151N36 - S4161N36	344,74	1"
S4051N37 - S4061N37 - S4151N37 - S4161N37	558,03	1 1/4"
S4051N38 - S4061N38 - S4151N38 - S4161N38	592,29	1 1/2"
S4051N39 - S4061N39 - S4151N39 - S4161N39	650,68	2"

Valvola a sfera a 3 vie con sfera a "T" con attuatore elettrico ON-OFF (S4051 230V - S4061 24V) o a "L" (S4151 230V - S4161 24V).

3-way ball valve with T-port with electrical actuator ON-OFF (S4051 230V - S4061 24V) to L-port (S4151 230V - S4161 24V).