



CATALOGO WATERWORKS
WATERWORKS CATALOGUE

WB3.B50.0 / IT - EN

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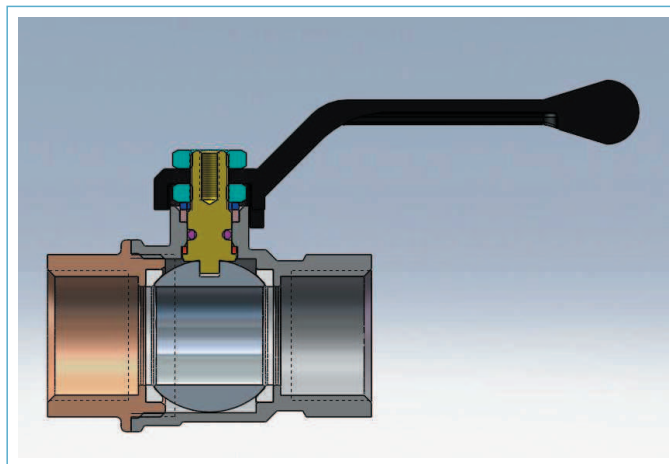
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**VALVOLE A SFERA IN OTTONE
PASSAGGIO TOTALE**

**BRASS BALL VALVES
FULL FLOW**

CORPO 
 MANICOTTO 
 GUARNIZIONE SEDESFERA 
 SFERA 
 PERNO 
 GUARNIZIONE INFERIORE 
 GUARNIZIONE SUPERIORE 
 O-RING 
 RONDELLA 
 DADO 
 LEVA 



BODY 
 COUPLING 
 BALL SEAT SEAL 
 BALL 
 STEM 
 LOWER SEAL 
 UPPER SEAL 
 O-RING 
 WASHER 
 NUT 
 LEVER 


CORPO VALVOLA

OTTONE CW617N STAMPATO, SABBIATO E NICHELATO

SFERA

OTTONE CW617N, STAMPATA E CROMATA A SPESSORE

ATTACCHI

FILETTO ISO 7/1 (A RICHIESTA NPT O BSPT)

ORGANI DI COMANDO

LEVA O FARFALLA IN ALLUMINIO UNI-EN1706 VERNICIATA IN EPOSSIDICO

LEVA IN ACCIAIO UNI-EN10025 RIVESTITA IN PVC

GUARNIZIONI SFERA

2 SEDI IN PTFE

ASTA DI COMANDO

OTTONE CW614N MONTATA DALL'INTERNO (ANTISCOPPIO)

GUARNIZIONI ASTA

1 ANELLO PTFE + 1 O-RING NBR

TEMPERATURE DI ESERCIZIO

-20°C + 120°C

LIMITI DI PRESSIONE

DA PN 64 A PN 20 BAR - WOG 600 - WSP 150


BODY

BRASS CW617N FORGED, SANDBLASTED AND NICKEL-PLATED

BALL

CW617N FORGED AND HARD CHROMED

THREADS

ISO 7/1 (NPT OR BSPT UPON REQUEST)

LEVERS

UNI-EN 1706 ALUMINIUM EPOXY ENAMELLED

UNI-EN 10025 STEEL, PVC-COATED

BALL SEALS

2 PTFE

SPINDLE

BRASS CW614N (ANTI BLOW OUT PROOF)

SPINDLE SEALS

1 PTFE + 1 O-RING NBR

TEMPERATURE RANGE

-20°C + 120°C

WORKUNG PRESSURE

FROM PN 64 TO PN 20 BAR

  **FEMMINA / FEMMINA**, con cappuccio piombabile
 **FEMALE / FEMALE** with lockable square cap

ART. 268


MISURE/SIZE	DN	PN	CODE	268
1/2"	15	64		0268 04
3/4"	20	40		0268 06
1"	25	40		0268 08
1" 1/4	32	25		0268 10
1" 1/2	40	25		0268 12
2"	50	25		0268 16

  **MASCHIO / FEMMINA** con cappuccio piombabile
 **MALE / FEMALE** with lockable square cap

ART. 269


MISURE/SIZE	DN	PN	CODE	269
1/2"	15	64		0269 04
3/4"	20	40		0269 06
1"	25	40		0269 08
1" 1/4	32	25		0269 10
1" 1/2	40	25		0269 12
2"	50	25		0269 16

 **FEMMINA / FEMMINA** - leva alluminio
 **FEMALE / FEMALE** - aluminium handle

ART. 300



MISURE/SIZE	DN	PN		300		302	303	303Q
1/4"	8	64	CODE	0300 02	0301 02	0302 02		
3/8"	10	64		0300 03	0301 03	0302 03		
1/2"	15	64		0300 04	0301 04	0302 04	0302 04	0303 018
3/4"	20	40		0300 06	0301 06	0302 06	0302 06	0303 020
1"	25	40		0300 08	0301 08	0302 08	0302 08	0303 022
1" 1/4	32	25		0300 10	0301 10	0302 10	0302 10	0303 024
1" 1/2	40	25		0300 12	0301 12		0302 12	0303 026
2"	50	25		0300 16	0301 16		0302 16	0303 028
2" 1/2	50	25		0300 18	0301 18			
3"	50	25		0300 20	0301 20			
4"	50	25		0300 22	0301 22			

 **MASCHIO / FEMMINA** - leva alluminio
 **MALE / FEMALE** - aluminium handle

ART. 305



MISURE/SIZE	DN	PN		305		307	308	308Q
1/4"	8	64	CODE	0305 02	0306 02	0307 02		
3/8"	10	64		0305 03	0306 03	0307 03		
1/2"	15	64		0305 04	0306 04	0307 04	0308 04	0308 018
3/4"	20	40		0305 06	0306 06	0307 06	0308 06	0308 020
1"	25	40		0305 08	0306 08	0307 08	0308 08	0308 022
1" 1/4	32	25		0305 10	0306 10	0307 10	0308 10	0308 024
1" 1/2	40	25		0305 12	0306 12		0308 12	0308 026
2"	50	25		0305 16	0306 16		0308 16	0308 028

ART. 301



ART. 302



ART. 303



ART. 303Q



ART. 306



ART. 307



ART. 308



ART. 308Q



 **MASCHIO / MASCHIO** - leva alluminio
 **MALE / MALE** - aluminium handle

ART. 325



MISURE / SIZE	DN	PN		325	326	327	309	309Q
1/4"	8	64						
3/8"	10	64						
1/2"	15	64		0325 04	0326 04	0327 04	0309 04	0309 018
3/4"	20	40		0325 06	0326 06	0327 06	0309 06	0309 020
1"	25	40		0325 08	0326 08	0327 08	0309 08	0309 022
1" 1/4	32	25		0325 10	0326 10		0309 10	0309 024
1" 1/2	40	25		0325 12	0326 12		0309 12	0309 026
2"	50	25		0325 14	0326 14		0309 16	0309 028

ART. 326



ART. 327



ART. 309

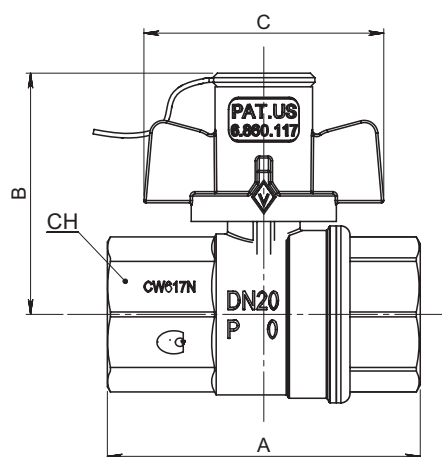


ART. 309Q



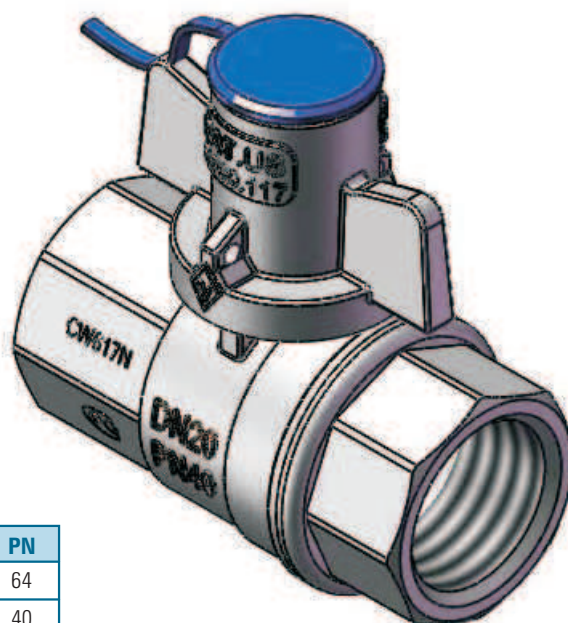
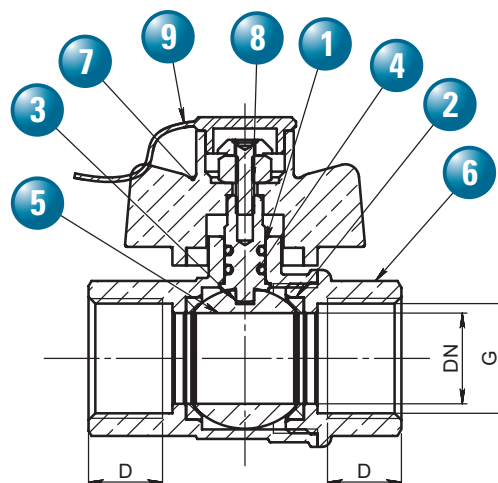


VALVOLE A SFERA CON SISTEMA ANTIFRODE



BALL VALVES WITH ANTI-THEFT HANDLE,

1.2



DN	G	A	B	C	D	CH	KV	PN
15	1/2"	61	50	53	15	27	16.3	64
20	3/4"	69	55	53	16.3	32	29.5	40
25	1"	83	58	68	19	40	43	40
32	1" 1/4	98	60	68	21.4	50	89	25

N.	Denominazione	Part name	Materiale	Trattamento	Qty.
1	Corpo	Body	CW617N	Nichelatura	1
2	Sede sfera	Ball seat	PTFE	-	2
3	Perno	Stem	CW614N	-	1
4	O-Ring	O-Ring	NBR70Sh	-	2
5	Sfera	Ball	CW617N	Ni + Cr	1
6	Manicotto	Coupling	CW617N	Nichelatura	1
7	Farfalla antifrode	Anti-theft T-handle	CW617N	Nichelatura	1
8	Vite antifrode	Anti-theft screw	Acciaio 8.8	-	1
9	Tappo	Blank plug	Polietilene	-	1



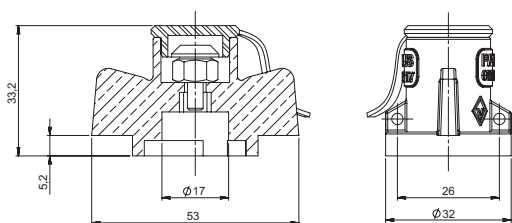
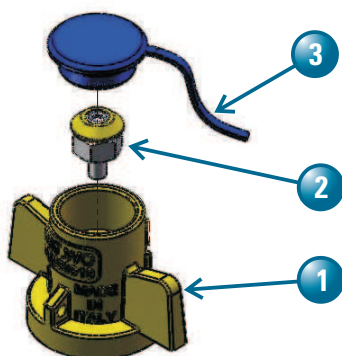
SISTEMA ANTIFRODE



ANTI-THEFT SYSTEM OPTION

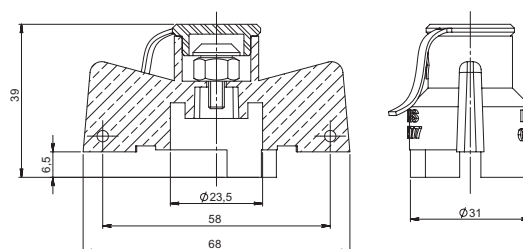
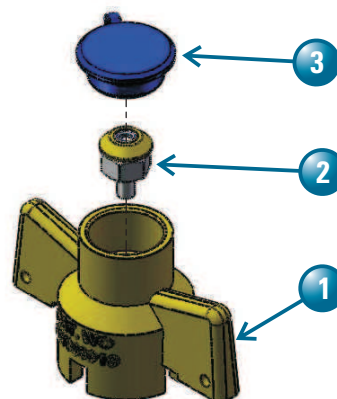


MIS. 0



POS.	Denom.	Part name	Materiale	Qnt.
1	Corpo	Body	CW617N	1
2	Vite Antifrode	Anti-theft screw	CW614N	1
3	Tappo	Blank plug	Polietilene	1

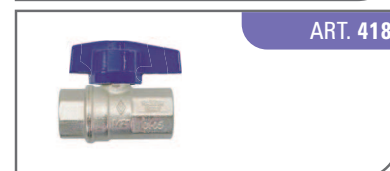
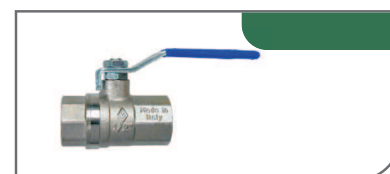
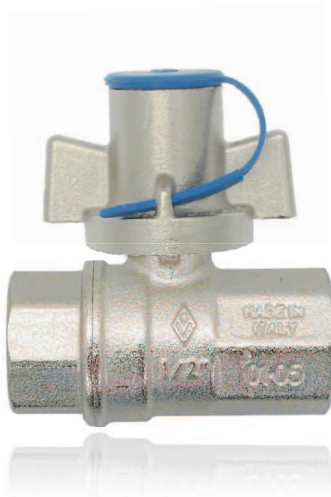
MIS. 2



POS.	Denom.	Part name	Materiale	Qnt.
1	Corpo	Body	CW617N	1
2	Vite Antifrode	Anti-theft screw	CW614N	1
3	Tappo	Blank plug	Polietilene	1

  **CHIUSURA TOTALE FEMMINA / FEMMINA** - Valvola a sfera in ottone nichelato con sistema antifrode a chiusura totale - Modello pesante
 **FEMALE/FEMALE TYPE** - Total shutting-off ball valve version, nickel-plated brass, anti-theft handle, heavy pattern

ART. 417

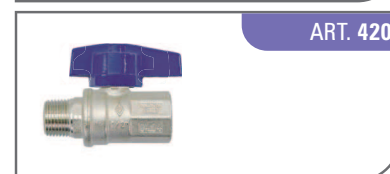
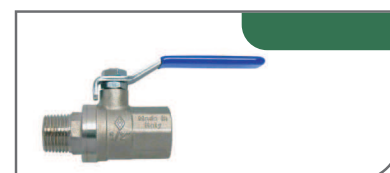


ART. 418

MISURE/SIZE	DN	PN		417		418
1/2"	15	64	CODE	417 02	040104	418 02
3/4"	20	40		417 03	040106	418 03
1"	25	40		417 04	040108	418 04
1" 1/4	32	25		417 05	040110	418 05
1" 1/2	40	25		417 06	040112	418 06
2"	50	25		417 07	040116	418 07

  **CHIUSURA TOTALE MASCHIO / FEMMINA** - Valvola a sfera in ottone nichelato con sistema antifrode a chiusura totale - Modello pesante
 **MALE / MALE TYPE** - Total shutting-off ball valve version, nickel-plated brass, anti-theft handle, heavy pattern

ART. 419



ART. 420

MISURE/SIZE	DN	PN		419	406	420
1/2"	15	64	CODE	419 02	040604	420 02
3/4"	20	40		419 03	040606	420 03
1"	25	40		419 04	040608	420 04
1" 1/4	32	25			040610	
1" 1/2	40	25			040612	
2"	50	25			040616	

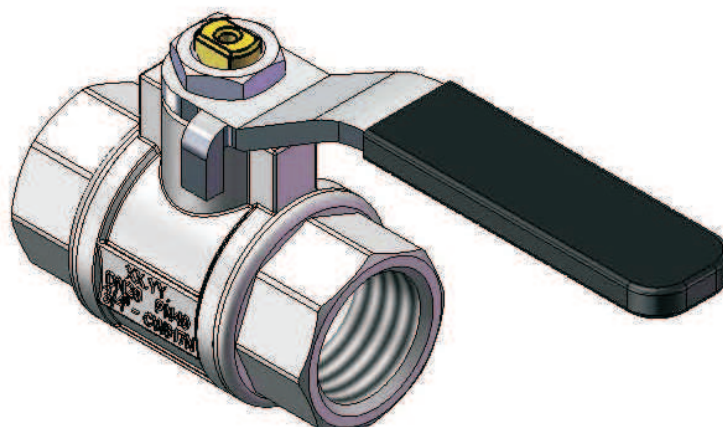
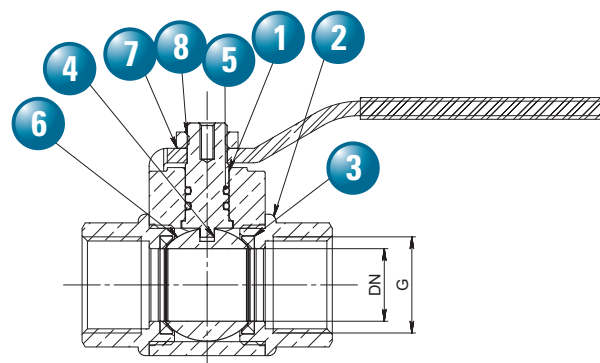
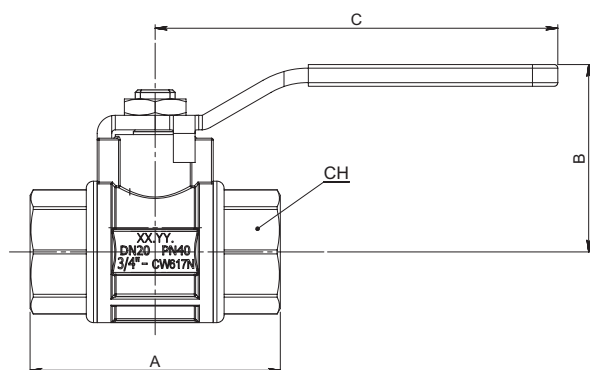


VALVOLE EXTRA PESANTI NICHELATE



NICHE-PLATED EXTRA HEAVY BALL VALVES

1.3



DN	G	A	B	C	D	CH	PN
15	1/2"	63	45	112	15	27	64
20	3/4"	69	52	112	16	32	40
25	1"	82.5	60	145	19	40	40
32	1" 1/4	98	65	145	21.4	50	25
40	1" 1/2	107	72	170	21.4	55	25
50	2"	128	78	170	25.7	69	25

N.	Denominazione	Part name	Materiale	Trattamento	Qty.
1	Corpo	Body	CW617N	Nichelatura	1
2	Manicotto	End connection	CW617N	Nichelatura	2
3	Sedesfera	Ball seat	PTFE	-	2
4	Perno	Stem	CW614N	-	1
5	O-Ring	O-Ring	NBR70Sh	Grafitate	2
6	Sfera	Ball	CW617N	Ni + Cr	1
7	Leva	Handle	Acciaio P10	Plastificazione	1
8	Dado	Nut	CW614N	Zincatura	1



Doppio fermo meccanico di spessore 10 mm
Resistenza massima allo sforzo 400Nm



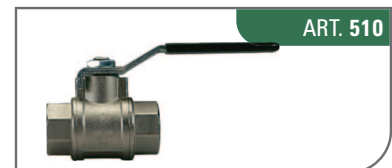
Double mechanical stop 10 mm thickness
Max strenght at torsional stress 400 Nm

  **FEMMINA / FEMMINA** - Valvola a sfera con quadro da 28 mm, modello pesante
  **FEMALE / FEMALE** - 28 mm square head ball valve, yellow brass, heavy pattern

ART. 514



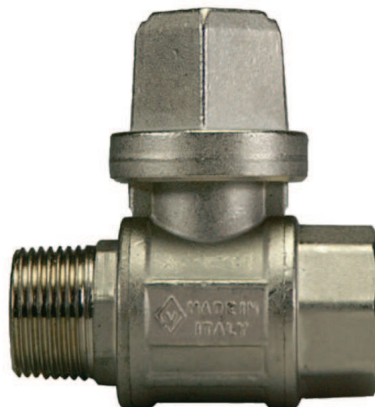
MISURA / SIZE	DN	PN		514	510	517
1/2"	15	64	CODE	0514 04	0510 04	0517 04
3/4"	20	64		0514 06	0510 06	0517 06
1"	25	40		0514 08	0510 08	0517 08
1" 1/4	32	40		0514 10	0510 10	0517 10
1" 1/2	40	40		0514 12	0510 12	0517 12
2"	50	40		0514 16	0510 16	0517 16
2" 1/2	60	40		0514 18	0510 18	0517 18
3"	80	40		0514 20	0510 20	0517 20
4"	90	40		0514 22	0510 22	0517 22



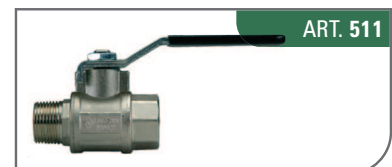
Resistenza massima allo sforzo 400Nm
Max strenght at torsional stress 400Nm

  **MASCHIO / FEMMINA** - Valvola a sfera con quadro da 28 mm, modello pesante
  **MALE / FEMALE** - 28 mm square head ball valve, yellow brass, heavy pattern

ART. 515



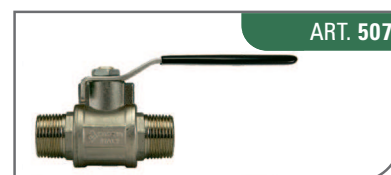
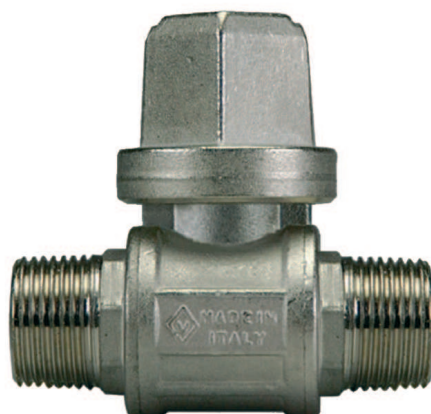
MISURA / SIZE	DN	PN		515	511	518
1/2"	15	64	CODE	0515 04	0511 04	0518 04
3/4"	20	64		0515 06	0511 06	0518 06
1"	25	40		0515 08	0511 08	0518 08
1" 1/4	32	40		0515 10	0511 10	0518 10
1" 1/2	40	40		0515 12	0511 12	0518 12
2"	50	40		0515 16	0511 16	0518 16



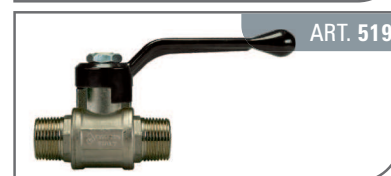
Resistenza massima allo sforzo 400Nm
Max strenght at torsional stress 400Nm

 **MASCHIO / MASCHIO** - Valvola a sfera con quadro da 28 mm, modello pesante
 **MALE / MALE** - 28 mm square head ball valve, yellow brass, heavy pattern

ART. 509



ART. 507



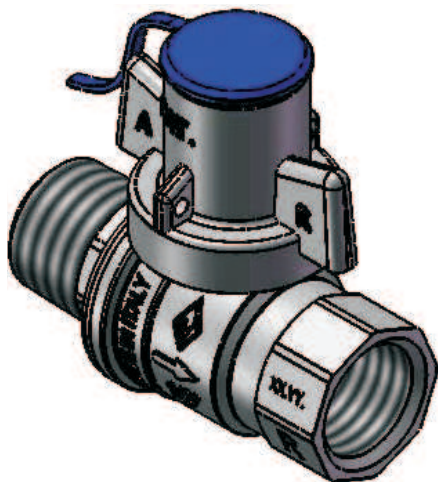
ART. 519

MISURA / SIZE	DN	PN		509	507	519
1/2"	15	64	CODE	0509 04	0507 04	0519 04
3/4"	20	64		0509 06	0507 06	0519 06
1"	25	40		0509 08	0507 08	0519 08
1" 1/4	32	40		0509 10	0507 10	0519 10
1" 1/2	40	40		0509 12	0507 12	0519 12
2"	50	40		0509 16	0507 16	0519 16

Resistenza massima allo sforzo 400Nm
 Max strenght at torsional stress 400Nm



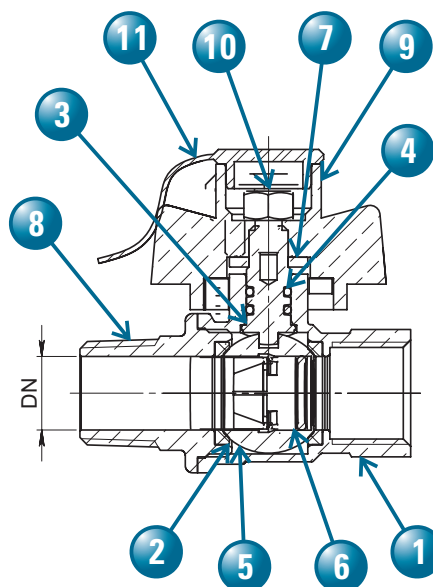
VALVOLE A SFERA DIRITTE CON CHECK ANTIRITORNO E A FLUSSO GARANTITO



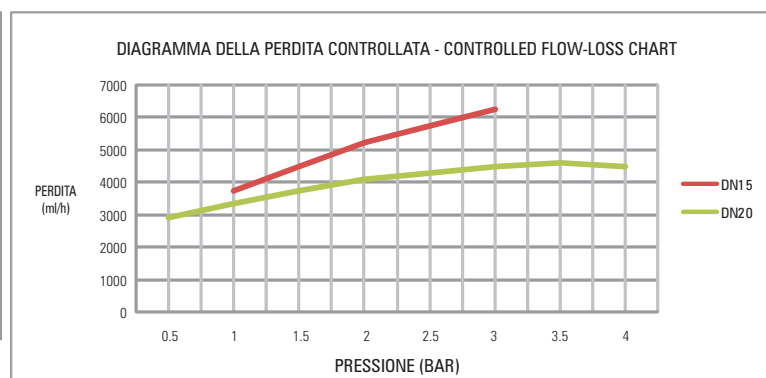
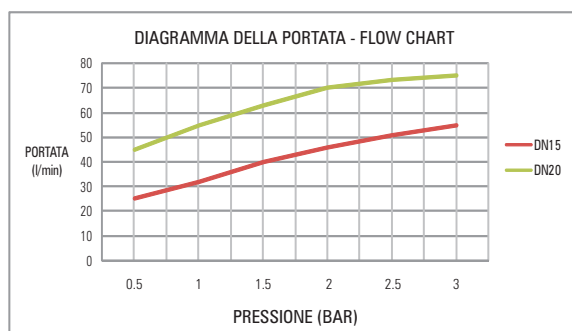
DN	G	A	B	C	D	PN
15	1/2"	67.5	49.5	48	16	20
20	3/4"	75	53	48	16.5	20



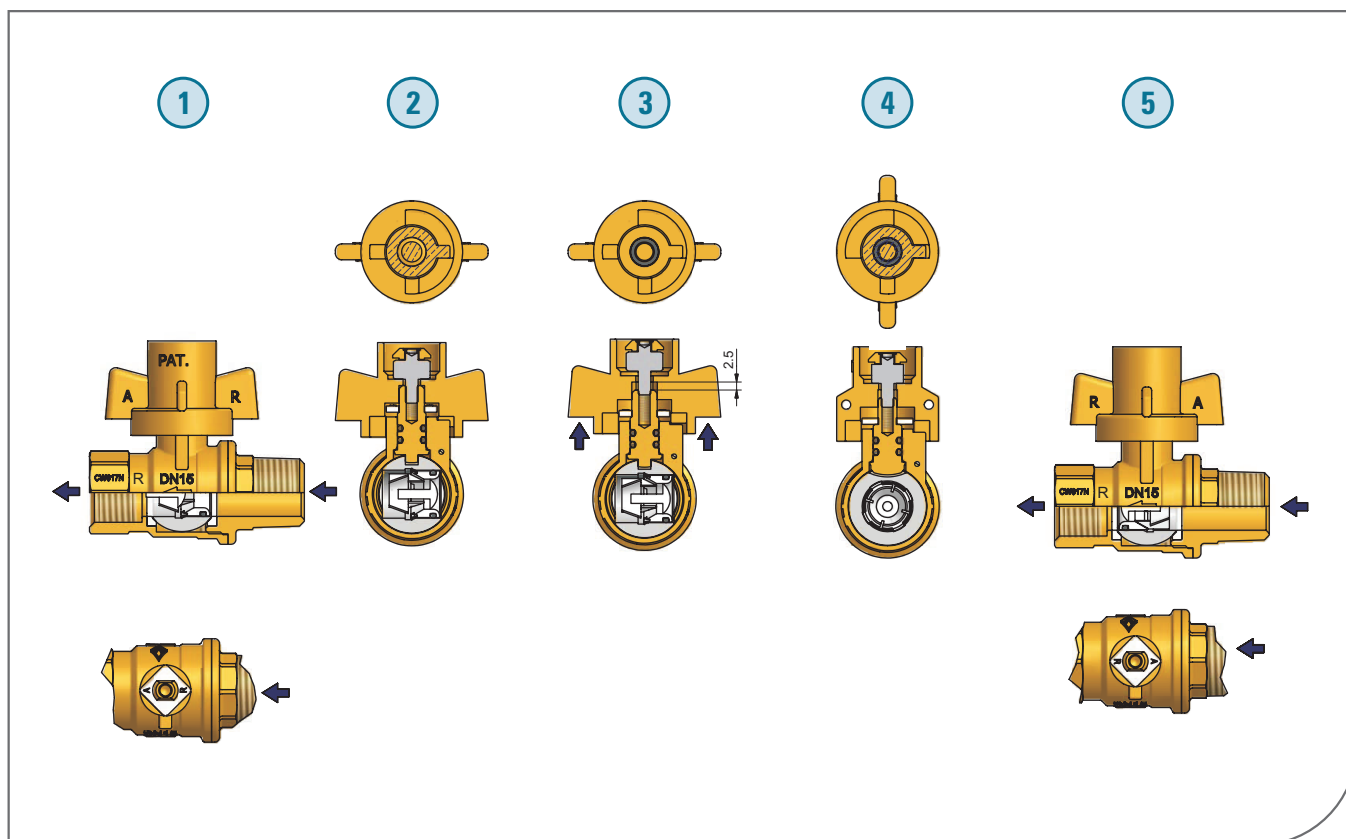
STRAIGHT BALL VALVES WITH NON RETURN CHECK-VALVE AND FOR MINIMUM GUARANTEED FLOW



N.	Denominazione	Part name	Materiale	Trattamento	Qnt.
1	Corpo	Body	CW617N	Nichelatura	1
2	Sede sfera	Ball seat	P.T.F.E.	-	2
3	Perno	Stem	CW614N	-	1
4	O-Ring	O-ring	NBR70Sh	-	2
5	Sfera	Ball	CW614N	Cromatura	1
6	Valvola non-ritorno	Non return valve	POM + EPDM	-	1
7	Indicatore di flusso	Flow indicator	Nylon	-	1
8	Manicotto	Coupling	CW617N	Nichelatura	1
9	Farfalla antifrode	Anti-theft T-Handle	CW617N	Nichelatura	1
10	Vite antifrode	Anti-theft screw	Acciaio 8.8	-	1
11	Tappo	Blank plug	Polietilene	-	1



 SISTEMA FLUSSO MINIMO GARANTITO
 SYSTEM FOR MINIMUM GUARANTEED FLOW OPTION



1. POSIZIONE LEVA APERTA
2. POSIZIONE LEVA CHIUSA
3. SVITARE LA VITE
4. RUOTARE LA FARFALLA DI 90° IN SENSO ORARIO
5. POSIZIONE DELLA VALVOLA CON FLUSSO MINIMO GARANTITO

La valvola a flusso minimo garantito, soddisfa le richieste del **MANIFESTO INTERNAZIONALE DELL'ACQUA** che definisce l'acqua come bene primario e, di conseguenza, obbligatorio.

Peculiarità primaria di tale valvola è la possibilità di chiusura a flusso minimo garantito.

Quando l'utente finale non rispetta i pagamenti delle bollette, la municipalizzata può richiedere la sospensione dell'erogazione dell'acqua ma non può cessarla del tutto; con il sistema indicato, il flusso viene chiuso non totalmente ma, viene permesso all'utente il prelievo per la quantità minima obbligatoria.



1. HEAD POSITION WITH OPENED VALVE
2. HEAD POSITION WITH CLOSED VALVE
3. UNSCREW THE ANTI-THEFT SCREW
4. TURN THE HEAD 90° CLOCKWISE
5. HEAD POSITION WITH MINIMUM GUARANTEED FLOW OPTION ACTIVATED

The minimum guaranteed flow option valve satisfy the requests from the **"INTERNATIONAL WATER'S NOTICE"**, who define water like a primary good and, consequently, a compulsory good.

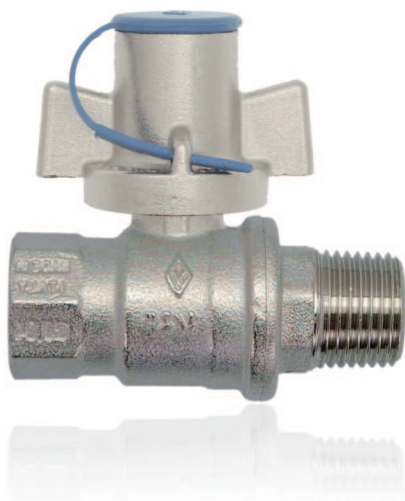
The main character of this valve is the possibility to be shutted-off but holding the chance of a minimum guaranteed flow in outlet.

If and when the end-user should not respect terms of payment on invoices regarding his own consumption, the municipal management can ask for the suspension about water's supply but without closing it at all; with our described system the flow cannot be totally closed and the end-user is allowed to get the minimum and compulsory daily water's quantity.

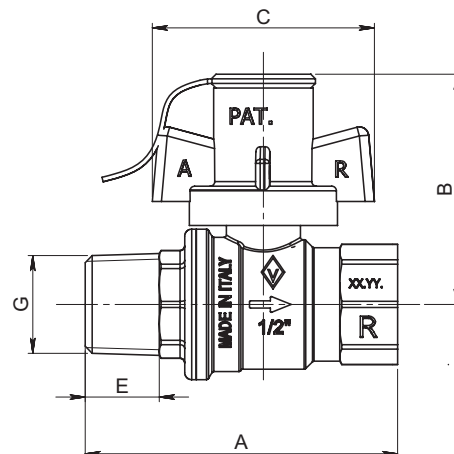
  **FLUSSO GARANTITO MASCHIO / FEMMINA** - Valvola a sfera in ottone nichelato a flusso minimo garantito con valvola di ritegno e sistema antifrode

 **FEMALE / MALE TYPE** - Minimum guaranteed flow ball valve version, nickel-plated brass, anti-theft handle and check-valve inside ball

ART. 8500FG



MISURE/SIZE	DN	PN	CODE	8500FG
1/2"	15	40		8500FG 02
3/4"	20	25		8500FG 03
1"	25	25		8500FG 04

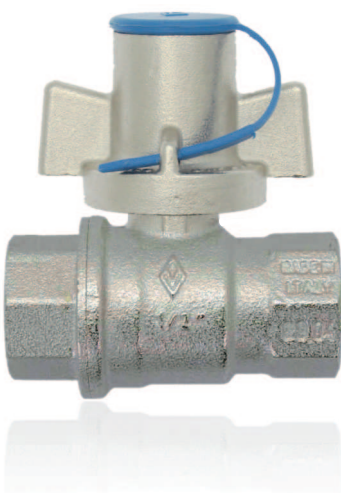


DN	G	A	B	C	E	PN
15	1/2"	67.5	49.5	48	16	20
20	3/4"	75	53	48	16.5	20

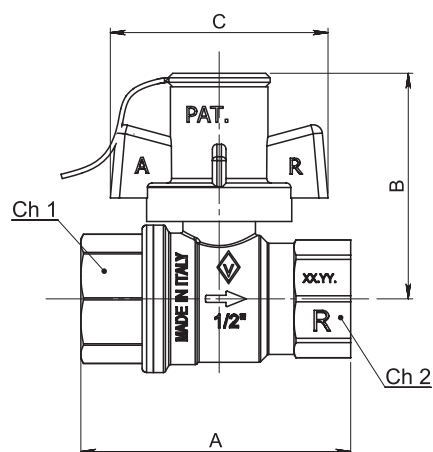
  **FLUSSO GARANTITO FEMMINA / FEMMINA** - Valvola a sfera in ottone nichelato a flusso minimo garantito con valvola di ritegno e sistema antifrode

 **FEMALE / FEMALE TYPE** - Minimum guaranteed flow ball valve version, nickel-plated brass, anti-theft handle and check-valve inside ball

ART. 8501FG



MISURE/SIZE	DN	PN	CODE	8501FG
1/2"	15	40		8501FG 02
3/4"	20	25		8501FG 03
1"	25	25		8501FG 04



DN	CH1	CH2	G	A	B	C	E	PN
15	27	25	1/2"	61	49.5	48	16	20
20	32	31	3/4"	67.5	53	48	16.5	20

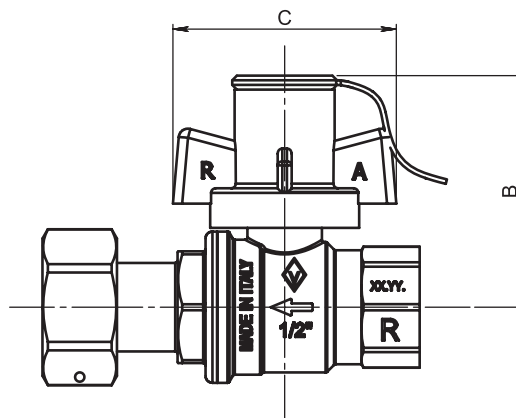
  **FLUSSO GARANTITO FEMMINA / DADO MOBILE** - Valvola a sfera in ottone nichelato a flusso minimo garantito con valvola di ritegno e sistema antifrode

 **FEMALE / SWIVEL NUT Type** - Minimum guaranteed flow ball valve version, nickel-plated brass, anti-theft handle and check-valve inside ball

ART. 8502FG



MISURE / SIZE	DN	PN	CODE	8502FG
1/2" x 3/4"	15	40		8502FG 02
3/4" x 3/4"	20	25		8502FG 03
3/4" x 1"	20	25		8502FG 04
1" x 1 1/4"	20	25		8502FG 04

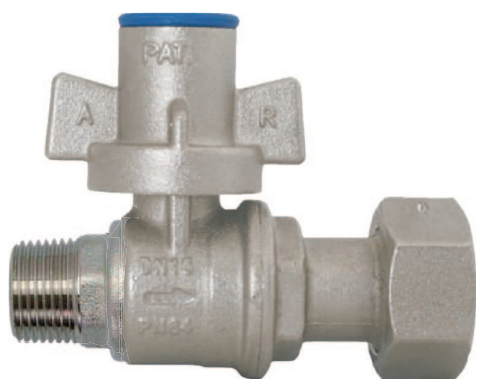


DN	G1	G2	A	B	C	E	F	PN
15	1/2"	3/4"	73	49.5	48	12.5	15	20
20	3/4"	1"	79	53	48	15	15.5	20

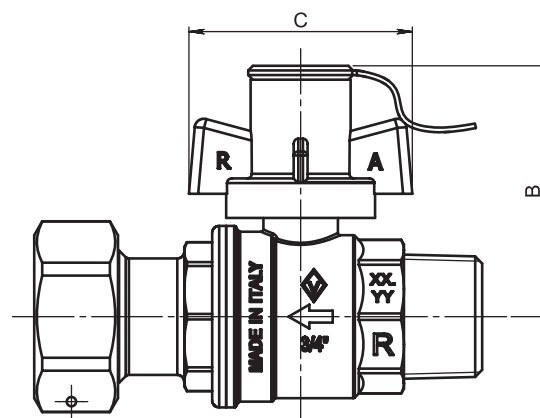
  **FLUSSO GARANTITO MASCHIO / DADO MOBILE** - Valvola a sfera in ottone nichelato a flusso minimo garantito con valvola di ritegno e sistema antifrode

 **MALE / SWIVEL NUT Type** - Minimum guaranteed flow ball valve version, nickel-plated brass, anti-theft handle and check-valve inside ball

ART. 8503FG



MISURE / SIZE	DN	PN	CODE	8503FG
1/2" x 3/4"	15	40		8503FG 02
3/4" x 3/4"	20	25		8503FG 03
3/4" x 1"	20	25		8503FG 04
1" x 1 1/4"	20	25		8503FG 04

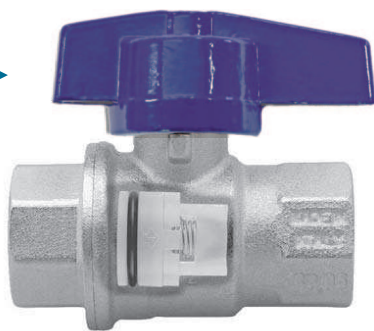


DN	G1	G2	A	B	C	E	F	PN
15	1/2"	3/4"	80	49.5	48	12.5	14.5	20
20	3/4"	3/4"	83	53	48	15	16.8	20
20	3/4"	1"	85	53	48	15	16.8	20

 **FEMMINA / FEMMINA** - Valvola a sfera in ottone nichelato con valvola di ritegno all'interno della sfera

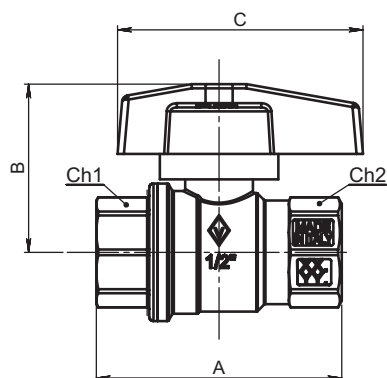
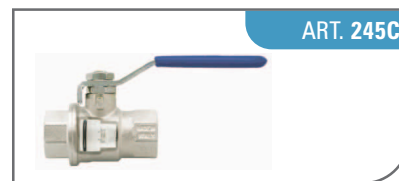
 **FEMALE / FEMALE TYPE** - Nickel-plated brass ball valve, with non-return valve inside ball

ART. 241C



MISURE / SIZE	DN	PN	PN CHECK		241C	245C
1/2"	15	40	16	CODE	241C 02	245C 02
3/4"	20	40	16		241C 03	245C 03
1"	25	40	16			245C 04
1 1/4"	32	40	16			245C 05
1 1/2"	40	40	16			245C 06
2"	50	20	16			245C 07
2 1/2"	50	20	16			245C 08
3"	50	20	16			245C 09

ART. 245C

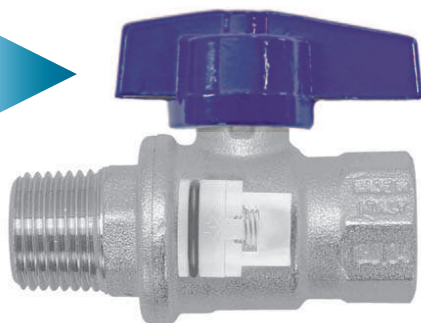


DN	CH1	CH2	G	A	B	C	D	PN
15	25	25	1/2"	58	40	58	15	16
20	31	31	3/4"	66	43	58	16.3	16
25	38	38	1"	80	50	58	19	16

 **MASCHIO / FEMMINA** - Valvola a sfera in ottone nichelato con valvola di ritegno all'interno della sfera

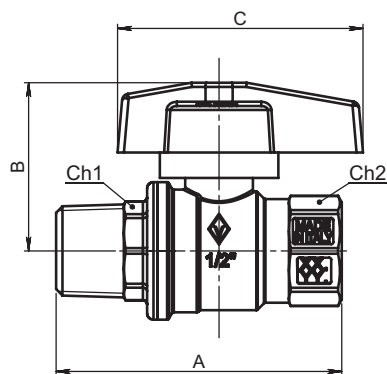
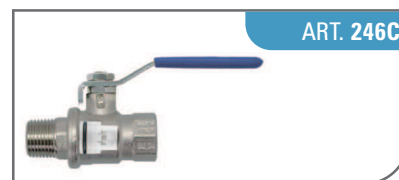
 **MALE / FEMALE TYPE** - Nickel-plated brass ball valve, with non-return valve inside ball

ART. 243C



MISURE / SIZE	DN	PN	PN CHECK		243C	246C
1/2"	15	40	16	CODE	243C 02	246C 02
3/4"	20	40	16		243C 03	246C 03
1"	25	40	16			246C 04
1 1/4"	32	40	16			246C 05
1 1/2"	40	40	16			246C 06
2"	50	20	16			246C 07
2 1/2"	50	20	16			246C 08
3"	50	20	16			246C 09

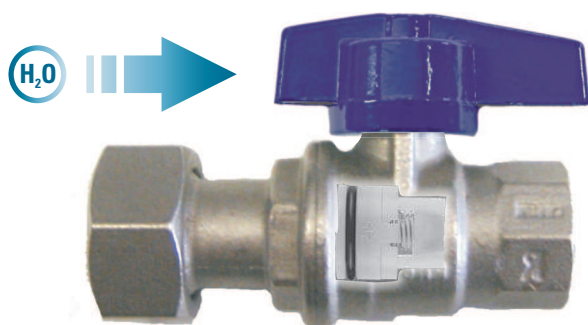
ART. 246C



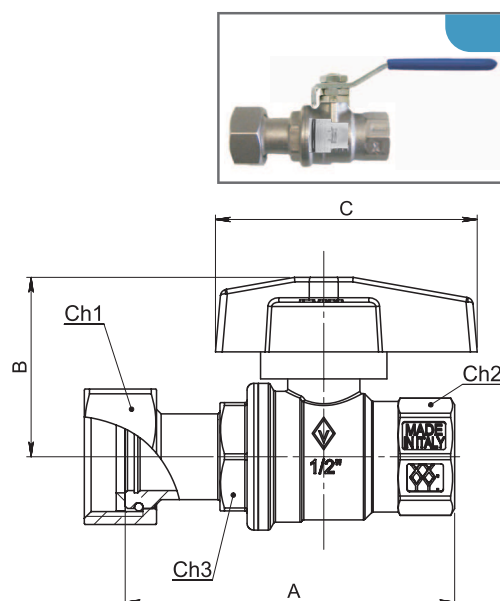
DN	CH1	CH2	G	A	B	C	D	E	PN
15	22	25	1/2"	58	40	58	15	16	16
20	28	31	3/4"	66	43	58	16.3	16.5	16
25	35	38	1"	80	50	58	19	20.5	16

 **DADO MOBILE / FEMMINA** - Valvola a sfera in ottone nichelato con valvola di ritegno all'interno della sfera

 **SWIVEL NUT / FEMALE TYPE** - Nickel-plated brass ball valve, with non-return valve inside ball

ART. 244


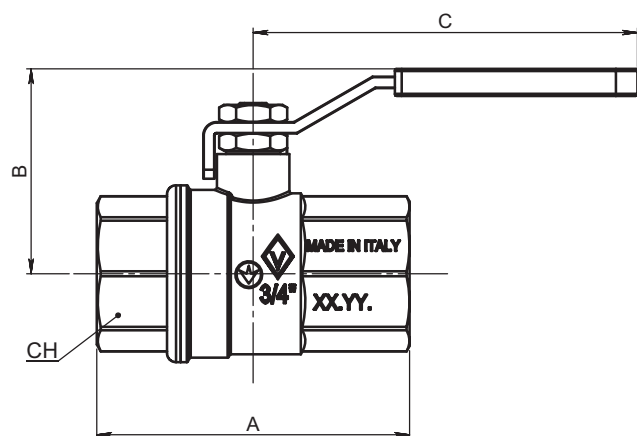
MISURE / SIZE	DN	PN	PN CHECK		244C	247C
1/2" x 3/4"	15	40	16	CODE	244C 02	247C 02
3/4" x 3/4"	20	40	16		244C 03	247C 03
3/4" x 1"	25	40	16			247C 04
1" x 1"	32	40	16			247C 05
1" x 1" 1/4	40	40	16			247C 06


ART. 247

DN	G1	G2	A	B	C	D	D1	CH1	CH2	CH3	PN
15	1/2"	3/4"	58	40	58	15	13	30	25	24	16
20	3/4"	3/4"	77	43	58	16.3	13	30	31	24	16
20	3/4"	1"	79	43	58	16.3	15	37	31	30	16

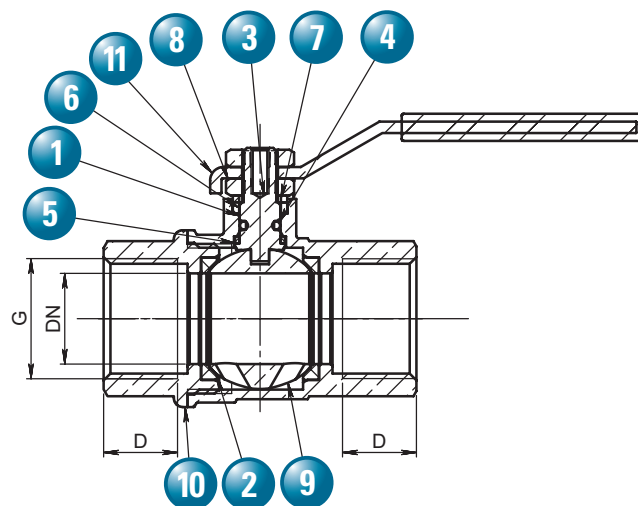


VALVOLE A SFERA ANTI LEGIONELLA E ANTIGELO PER ACQUA POTABILE

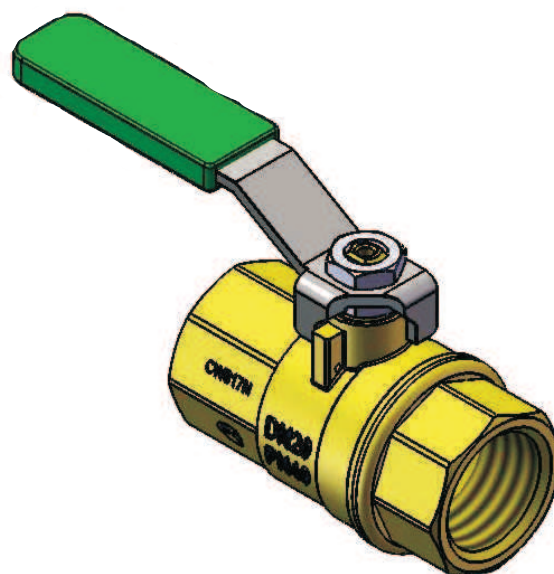


ANTI-LEGIONELLA BACTERIUM BALL VALVE, FOR POTABLE WATER EMPLOY

1.4



DN	G	CH	A	B	C	KV	PN
8	1/4"	19	50	38	83	5.4	64
10	3/8"	22	50	38	83	6	64
15	1/2"	27	61	41	83	16.3	64
20	3/4"	32	69	44	83	29.5	40
25	1"	40	82.5	53	117	43	40
32	1" 1/4	50	98	59	117	89	25
40	1" 1/2	55	107.5	76	160	230	25
50	2"	69	128	83	160	265	25
63	2" 1/2	84	151	98	190	518	20
76	3"	99	174	127	225	820	20
90	4"	122	202	139	225	1180	20
100	4"	124	216	170	270	1390	20



N.	Denominazione	Part name	Materiale	Trattamento	Qty.
1	Corpo	Body	CW617N	-	1
2	Sede sfera	Ball seat	P.T.F.E. "EtiFlon FE1000"	-	2
3	Perno	Stem	CW614N	-	1
4	O-Ring	O-ring	EPDM perossido 70Sh "01/U70 EP"	-	1
5	Guarnizione inf.	Lower seal	P.T.F.E.	-	1
6	Guarnizione sup.	Upper seal	P.T.F.E.	-	1
7	Rondella	Brass ring	CW614N	-	1
8	Dado	Nut	UNI 5771	Zincatura	2
9	Sfera	Ball	CW617N	Ni + Cr	1
10	Manicotto	Coupling	CW617N	-	1
11	Leva	Handle	UNI EN 10025	Plastificazione	1



VALVOLE ECOGREEN (ANTI LEGIONELLA E ANTIGELO)

La **legionella** è un'infezione batterica provocata da varie specie di batteri del gruppo *Legionella pneumophila*, che comprende circa 35 specie di microrganismi e di cui circa la metà è

stato dimostrato essere associata a patologie. Sono note due distinte forme cliniche:

- > **una forma grave**, comunemente detta "morbo dei Legionari", si manifesta come polmonite, ha un periodo di incubazione tra 2 e 10 giorni, colpisce il 5% dei soggetti esposti a epidemia, richiede ricovero in ospedale e tra i soggetti colpiti la mortalità si aggira attorno al 15%;
- > **una forma leggera**, detta "febbre di Pontiac", si manifesta entro 48 - 72 ore dall'esposizione, ha sintomi simili alla comune influenza e non richiede terapia antibiotica né ospedalizzazione.

La forma più grave, che è quella oggetto di attenzione, prende il nome da un episodio avvenuto nel 1976 a Philadelphia (USA). Durante un raduno di ex combattenti nella guerra del Vietnam presso un albergo della città, si ammalarono circa 221 persone su 2000 e 34 morirono. Accurate indagini epidemiologiche portarono all'isolamento di una forma batterica, successivamente chiamata *Legionella pneumophila*, che le indagini mostrano essersi sviluppata nella torre di raffreddamento dell'impianto di condizionamento aria dell'albergo e di qui aspirata nella distribuzione aerea dell'edificio. Si stima che nei soli Stati Uniti si verifichino annualmente circa 11.000 episodi di legionellosi. Un'elevata percentuale di individui posseggono anticorpi naturali contro la *Legionella*: da ciò si deduce che l'esposizione all'agente infettivo e l'eventuale infezione dovrebbero essere fenomeni piuttosto frequenti.

Il batterio è naturalmente presente nei corsi d'acqua e nei laghi. La presenza è favorita da una temperatura del corpo idrico compresa tra 25 e 45 °C, dalla presenza di altre forme di microrganismi e di nutrienti per il batterio e da un ambiente acido. Qualsiasi ambiente, anche artificiale, che possa fornire tali condizioni è un potenziale fattore di amplificazione. Il riscaldamento dell'acqua a temperature superiori a 55-60 °C uccide il batterio, come pure la clorazione continua per alcune ore o la presenza di raggi ultravioletti. Negli impianti tecnici si è appurato che risultano nicchie idonee.

La diffusione del batterio avviene allorché esso si trovi in gocce di diametro inferiore a 5µ (5 millesimi di millimetro), chiamate aerosol: in particolare quelle di diametro inferiore a 2µ vengono inalate nelle vie polmonari profonde (bronchi ed alveoli). Particelle di diametro maggiore sono arrestate nelle vie respiratorie superiori. Il batterio si ospita nei macrofagi (cellule del sistema immunitario in grado di inglobare e digerire sostanze estranee e microrganismi) presenti negli alveoli polmonari: l'uomo rappresenta quindi un ospite secondario accidentale. La simbiosi tra *Legionella* e macrofagi annulla quindi una delle più importanti difese del sistema immunitario, scatenando la malattia in particolare in soggetti con determinati fattori di rischio o ipersensibilità individuale (ad esempio in pazienti ospedalizzati in particolare se sottoposti a trattamenti immunosoppressivi, fumatori, soggetti con predisposizione genetica, persone anziane).

Il problema *Legionella* è quindi particolarmente importante per le seguenti utenze:

- > ospedali, cliniche, case di cura e di riposo e strutture sanitarie in genere;
- > alberghi, caserme, campeggi, strutture ricettive in genere;
- > impianti per attività sportive o scolastiche con docce utilizzate dai praticanti;
- > impianti centralizzati di acqua calda sanitaria (es. condomini) od edifici ad uso terziario con presenza di refrigeratori d'acqua condensati ad acqua di torre o simili.

Costituiscono trattamenti preventivi alla presenza del batterio nelle reti idriche:

- > evitare la presenza di tubazioni con tratti terminali chiusi (in particolare in rifacimenti di impianti o ristrutturazioni);
- > portare l'eventuale rete di ricircolo il più possibile sino in prossimità delle utenze;
- > portare periodicamente la temperatura dell'acqua calda distribuita a valori superiori a 55-60 °C.



ECOGREEN VALVES (ANTI-LEGIONELLA AND ANTI-FREEZE)

Legionella is a bacterial infection caused by various species of bacteria belonging to the *Legionella pneumophila* group, including about 35 species of micro-organisms, the half of which it has been proved to be the causative agent of human diseases. Legionellosis takes two distinct forms:

- > **a severe form**, commonly known as "Legionnaires' disease", which assumes the form of pneumonia, has an incubation period between 2 and 10 days, affects 5% of individuals exposed to infection outbreak, requires hospitalisation and has a fatality rate of approx. 15%;
- > **a lesser form**, also known as "Pontiac fever", incubation takes up 48-72 hours as from the exposure, symptoms are flu-like, no antibiotics nor hospitalisation are required.

The severe form, which deserves our attention, acquired its name after an event which occurred in 1976 in Philadelphia (USA). During a convention of Vietnam war veterans in a hotel in Philadelphia, the disease sickened about 221 persons among 2000 people attending the convention, causing 34 deaths. Accurate epidemiological surveys led to the isolation of a bacterium, *Legionella pneumophila*, and the surveys proved that it had developed in the cooling tower of the air conditioning system of the hotel and then disseminated by the aeration system of the building. According to estimates, in the United States Legionellosis affects approx. 11,000 individuals a year. Most of individuals have natural antibodies to *Legionella*: it can be therefore inferred that the exposure to the infectious agent and the eventual infection should be rather frequent events.

Legionella lives in the natural environment in watercourses and in lakes. The presence of the bacterium is fostered by a temperature of water ranging between 25° and 45°C, by the presence of other micro-organisms and nutrients and by acid media. Any environment, also artificial, assuring these conditions is a potential amplification factor. Water heating at temperatures above 55-60°C kills the bacterium, and also continuous chlorination over a few hours or the presence of UV rays.

Legionella transmission is via aerosol, that is to say mist droplets with a diameter smaller than 5µ (5 thousands of millimetre): in particular, droplets with a diameter smaller than 2µ are inhaled by the respiratory system (bronchi and alveoli). Droplets with larger diameter remain in the upper respiratory tract. The bacterium is hosted by macrophages (cells of the immune system capable of accumulating and digesting foreign matters and micro-organisms) resident in pulmonary alveoli: individuals are therefore only a secondary accidental host. The symbiosis between *Legionella* and macrophages therefore annuls one among the most important defences of the immune system, thus causing disease outburst especially in individuals with compromised immune system or with individual hypersensitivity (e.g. hospital patients, in particular those submitted to immunosuppressive treatments, smokers, individuals with genetic predisposition, the elderly).

Following facilities should pay particular attention to *Legionella* threat:

- > hospitals, clinics, nursing homes, old people's home, and any other health care structures in general;
- > hotels, barracks, camping places and host infrastructures in general;
- > sports facilities or school infrastructures with shower areas;
- > centralized domestic hot-water systems (e.g. apartment blocks) or public buildings with water cooling systems, cooling towers or similar installations.

Measures for preventing the presence of the bacterium in water systems:

- > avoid the presence of pipelines with closed end-lengths (in particular in plant restorations or renovations);
- > eventual water re-circulation network should be placed as much close as possible to the facilities;
- > at regular intervals, increase hot water temperature of the network to values above 55-60°C.



VALVOLE A SFERA ANTI LEGIONELLA E ANTIGELO PER ACQUA POTABILE

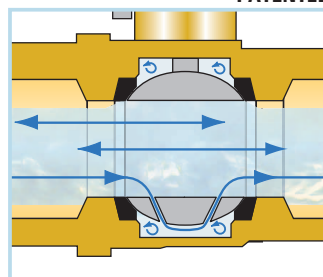
TECNOLOGIA - Triplice sicurezza sull'asta di manovra (O-ring e PTFE). L'asta viene montata dall'interno a prova di scoppio e le sedi in PTFE di alta qualità garantiscono una lunga durata e ottime caratteristiche di tenuta. La sfera trattata termicamente con finitura TEA® (Ternary Eco Alloy) garantisce una lunghissima resistenza nel tempo e impedisce il rilascio di nichel nell'acqua. Le percentuali di rilascio di nichel infatti sono molto al di sotto dei limiti stabiliti dall'Organizzazione Mondiale della Sanità.

FINITURA TEA® - La finitura TEA® (Ternary Eco Alloy) è un deposito ternario altamente stabile che sostituisce la cromatura / nichelatura galvanica. È molto resistente all'abrasione e alla corrosione.

PROTEZIONE ANTIGELO - La sfera forata mantiene in comunicazione la camera tra corpo e sfera con la tubazione principale evitando che un possibile gelo dell'acqua possa creare delle pressioni così forti sulle pareti del corpo da provocarne la rottura.

ANTI-LEGIONELLA - I fori della sfera permettono di evitare il ristagno dell'acqua quando la valvola è in posizione chiusa. In questo modo i batteri che possono essere presenti nell'acqua non rimangono all'interno dell'impianto per molto tempo, come invece può succedere con le valvole tradizionali.

Valvola a sfera per acqua potabile, conforme alla norma E-DIN 3433. All'interno, i 2 canali di scarico evitano il ristagno dell'acqua.



Il brevetto **BUGATTI ECOGREEN** permette di mantenere in costante comunicazione l'acqua che naturalmente riempie l'intercapedine formata da corpo e sfera, in modo da non creare sedimenti che potrebbero aiutare la formazione dei batteri della legionella.

Tale intercapedine mantiene sempre in costante movimento l'acqua all'interno della valvola e di conseguenza evita la possibilità che si formi ghiaccio quando la temperatura all'esterno scende sotto i 4 gradi centigradi.



ANTI-LEGIONELLA BACTERIUM BALL VALVE, FOR POTABLE WATER EMPLOY

TECHNOLOGY - Threefold safety on the spindle (O-ring and PTFE). The spindle, assembled from inside, is blown-out proof. The high quality of PTFE is guarantee of long endurance and excellent seal. The heating and the TEA® (Ternary Eco Alloy) treatments on the brass ball give long resistance and, moreover, respect the environment, preventing nickel release into water. These processes also prevent nickel from releasing in water.

TEA FINISH® - The TEA® finish (Ternary Eco Alloy) is a highly stable ternary deposit, that replaces the chromium plating / nickel plating. It's very resistant to abrasion and corrosion.

FROST-PROOF - The main piping is always in communication with the room between ball and body of the valve, thanks to the pierced ball. The holes in the ball avoid the frosted water making pressure, which could break the valve.

ANTI-LEGIONELLA - Legionella Pneumophila is a bacterium, which multiplies in damp and heated places or in the stagnant water. On the contrary of what could happen in traditional valves, here bacteria don't remain in the valve, because the pierced ball avoids water stagnating when the valve is closed.

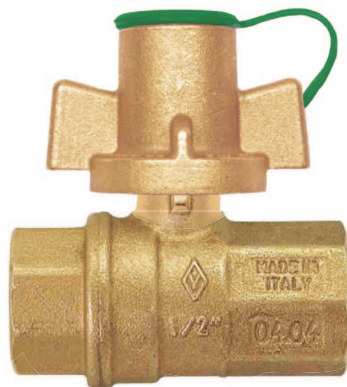


Brass ball valve for potable water, according to E-DIN 3433 norm. 2 internal drains avoid water stagnation.

BUGATTI ECOGREEN patent allows the constant communication between further waters that normally fills the hollow space between body and ball, not leaving sediment creations possible in this place: this ones could help legionella bacterium birth.

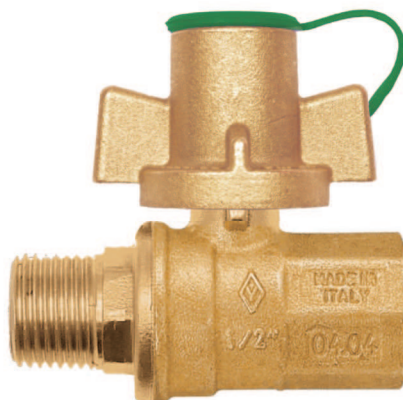
The hollow space drives water through a constant movement in the body valve, it's consequently helpful to avoid icing inside the valve when outside temperature falls under 4°C: the main benefit is that body crashes usually happening in this situations can be avoided.

  **FEMMINA / FEMMINA** - Valvola a sfera in ottone anti-legionella per acqua potabile a passaggio totale con sistema antifrode - Modello pesante
 **FEMALE / FEMALE** - Anti-legionella ball valve for potable water, yellow brass, anti-theft handle, full size, heavy pattern

ART. 417G**ECOGREEN****ART. 418G****ART. 401G**

MISURE / SIZE	DN	PN		417G	418G	401G
1/2"	15	64	CODE	417G 02	418G 02	401G 02
3/4"	20	40		417G 03	418G 03	401G 03
1"	25	40		417G 04	418G 04	401G 04
1" 1/4	32	25		-	-	401G 05
1" 1/2	40	25		-	-	401G 06
2"	50	25		-	-	401G 07
2" 1/2	63	20		-	-	401G 08
3"	76	20		-	-	401G 09
4"	100	20		-	-	401G 10

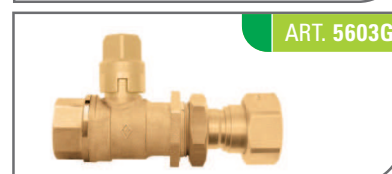
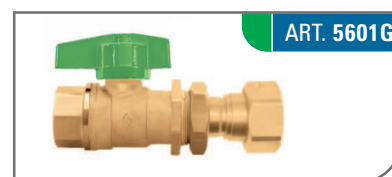
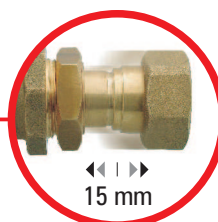
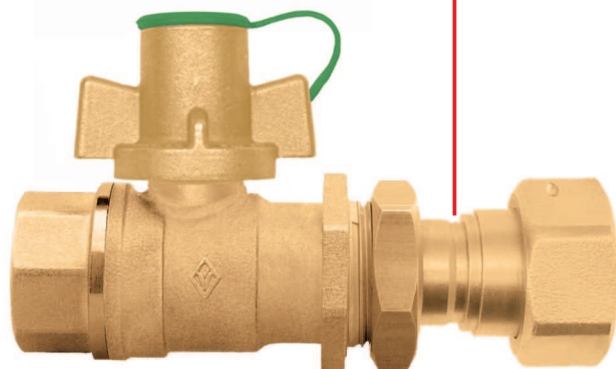
  **MASCHIO / FEMMINA** - Valvola a sfera in ottone anti-legionella per acqua potabile a passaggio totale con sistema antifrode - Modello pesante
 **MALE / FEMALE** - Anti-legionella ball valve for potable water, yellow brass, anti-theft handle, full size, heavy pattern

ART. 419G**ECOGREEN****ART. 420G****ART. 406G**

MISURE / SIZE	DN	PN		419G	420G	406G
1/2"	15	64	CODE	419G 02	420G 02	406G 02
3/4"	20	40		419G 03	420G 03	406G 03
1"	25	40		419G 04	420G 04	406G 04
1" 1/4	32	25		-	-	406G 05
1" 1/2	40	25		-	-	406G 06
2"	50	25		-	-	406G 07
2" 1/2	63	20		-	-	406G 08
3"	76	20		-	-	406G 09
4"	100	20		-	-	406G 10

  **FEMMINA / DADO MOBILE** - Valvola a sfera in ottone anti-legionella per acqua potabile, telescopica, con sistema antifrode e attacco zanca

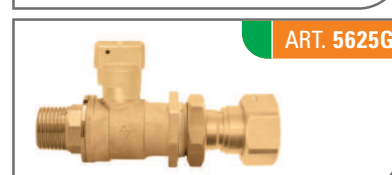
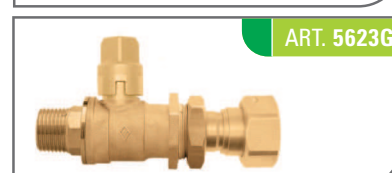
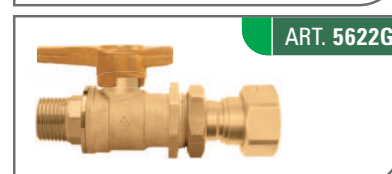
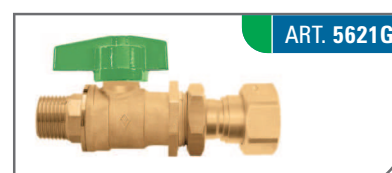
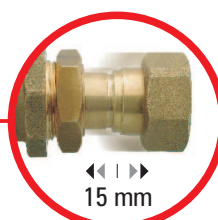
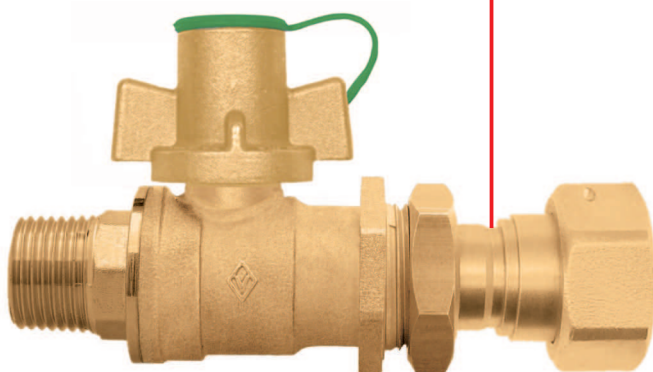
 **FEMALE / SWIVEL NUT** - Anti-legionella ball valve for potable water, yellow brass, anti-theft handle, telescopic extension and frame clamp

ART. 5604G**ECOGREEN**

MISURE / SIZE	DN	PN		5604G	5601G	5602G	5603G	5605G
1/2" x 3/4"	15	40	CODE	5604G 02	5601G 02	5602G 02	5603G 02	5605G 02
3/4" x 3/4"	15	40		5604G 03	5601G 03	5602G 03	5603G 03	5605G 03
3/4" x 1"	20	40		5604G 04	5601G 04	5602G 04	5603G 04	5605G 04
1" x 1"	20	40		5604G 05	5601G 05	5602G 05	5603G 05	5605G 05

  **MASCHIO / DADO MOBILE** - Valvola a sfera in ottone anti-legionella per acqua potabile, telescopica, con sistema antifrode e attacco zanca

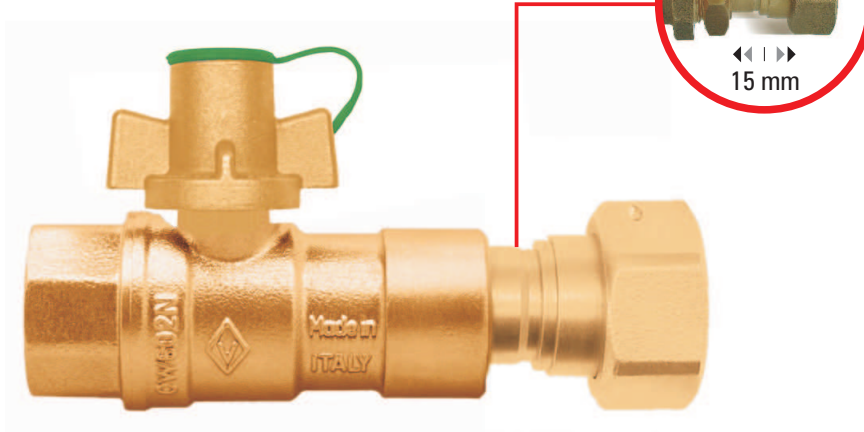
 **MALE / SWIVEL NUT** - Anti-legionella ball valve for potable water, yellow brass, anti-theft handle, telescopic extension and frame clamp

ART. 5624G**ECOGREEN**

MISURE / SIZE	DN	PN		5624G	5621G	5622G	5623G	5625G
1/2" x 3/4"	15	40	CODE	5624G 02	5621G 02	5622G 02	5623G 02	5625G 02
3/4" x 3/4"	15	40		5624G 03	5621G 03	5622G 03	5623G 03	5625G 03
3/4" x 1"	20	40		5624G 04	5621G 04	5622G 04	5623G 04	5625G 04
1" x 1"	20	40		5624G 05	5621G 05	5622G 05	5623G 05	5625G 05

  **FEMMINA / DADO MOBILE** - Valvola a sfera in ottone anti-legionella per acqua potabile, telescopica, con sistema antifrode

 **FEMALE / SWIVEL NUT** - Anti-legionella ball valve for potable water, yellow brass, anti-theft handle, telescopic extension and frame clamp

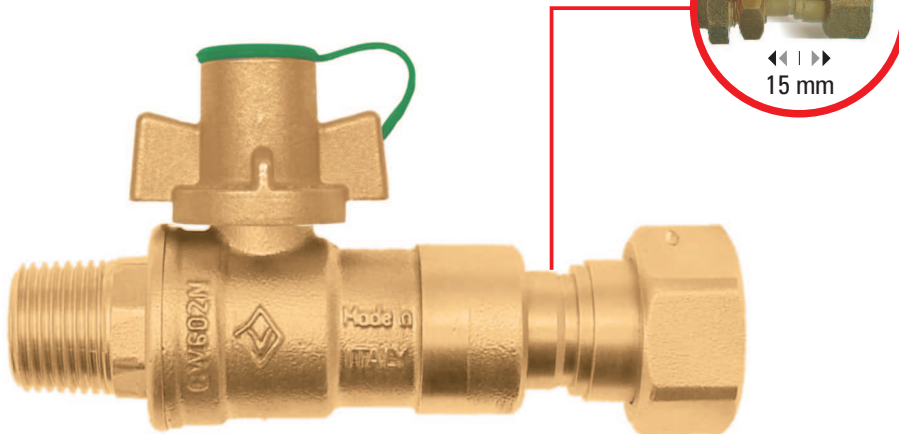
ART. 5604GZ**ECOGREEN**

MISURE / SIZE	DN	PN		5604GZ	5601GZ	5602GZ	5603GZ	5605GZ
1/2" x 3/4"	15	40	CODE	5604GZ 02	5601GZ 02	5602GZ 02	5603GZ 02	5605GZ 02
3/4" x 3/4"	15	40		5604GZ 03	5601GZ 03	5602GZ 03	5603GZ 03	5605GZ 03
3/4" x 1"	20	40		5604GZ 04	5601GZ 04	5602GZ 04	5603GZ 04	5605GZ 04
1" x 1"	20	40		5604GZ 05	5601GZ 05	5602GZ 05	5603GZ 05	5605GZ 05

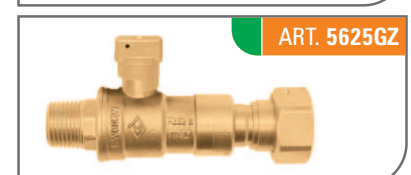
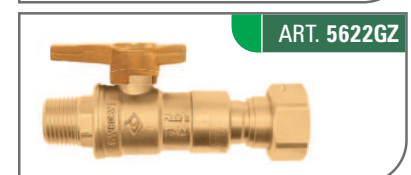
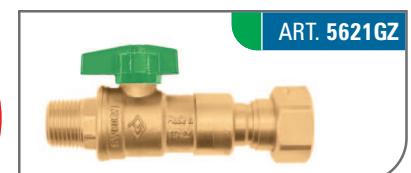


  **MASCHIO / DADO MOBILE** - Valvola a sfera in ottone anti-legionella per acqua potabile, telescopica, con sistema antifrode

 **MALE / SWIVEL NUT** - Anti-legionella ball valve for potable water, yellow brass, anti-theft handle, telescopic extension and frame clamp

ART. 5624GZ**ECOGREEN**

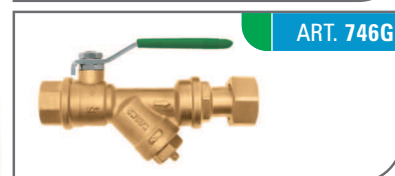
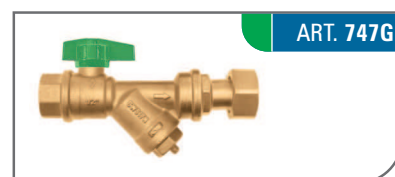
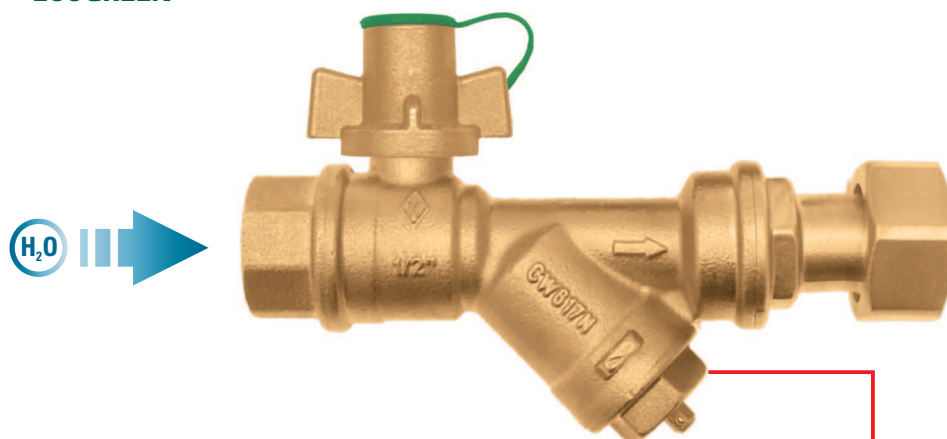
MISURE / SIZE	DN	PN		5624GZ	5621GZ	5622GZ	5623GZ	5625GZ
1/2" x 3/4"	15	40	CODE	5624GZ 02	5621GZ 02	5622GZ 02	5623GZ 02	5625GZ 02
3/4" x 3/4"	15	40		5624GZ 03	5621GZ 03	5622GZ 03	5623GZ 03	5625GZ 03
3/4" x 1"	20	40		5624GZ 04	5621GZ 04	5622GZ 04	5623GZ 04	5625GZ 04
1" x 1"	20	40		5624GZ 05	5621GZ 05	5622GZ 05	5623GZ 05	5625GZ 05



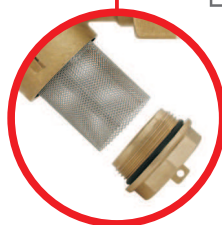
 **FEMMINA / DADO MOBILE** - Valvola a sfera in ottone anti-legionella per acqua potabile, con filtro a Y e sistema antifrode
 **FEMALE / SWIVEL NUT** - Anti-legionella ball valve for potable water, yellow brass, anti-theft handle, y-filter inline

ART. 753G

ECOGREEN



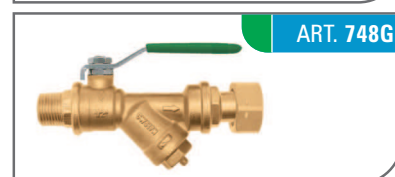
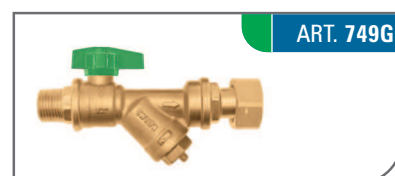
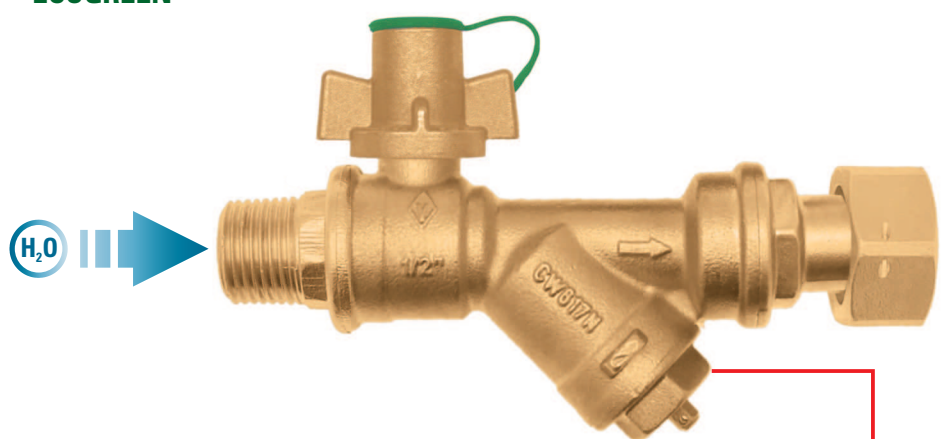
MISURE/SIZE	DN	PN		753G	747G	746G	752G
1/2" x 3/4"	15	16	CODE	753G 02	747G 02	746G 02	752G 02
3/4" x 3/4"	15	16		753G 03	747G 03	746G 03	752G 03
3/4" x 1"	20	16		753G 04	747G 04	746G 04	752G 04
1" x 1"	20	16		753G 05	747G 05	746G 05	752G 05



 **MASCHIO / DADO MOBILE** - Valvola a sfera in ottone anti-legionella per acqua potabile, con filtro a Y e sistema antifrode
 **MALE / SWIVEL NUT** - Anti-legionella ball valve for potable water, yellow brass, anti-theft handle, y-filter inline

ART. 754G

ECOGREEN

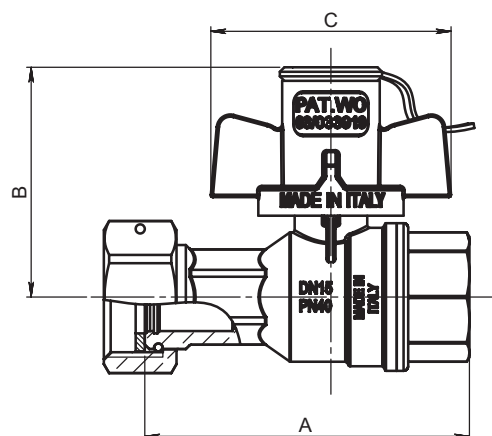


MISURE/SIZE	DN	PN		754G	749G	748G	750G
1/2" x 3/4"	15	16	CODE	754G 02	749G 02	748G 02	750G 02
3/4" x 3/4"	15	16		754G 03	749G 03	748G 03	750G 03
3/4" x 1"	20	16		754G 04	749G 04	748G 04	750G 04
1" x 1"	20	16		754G 05	749G 05	748G 05	750G 05



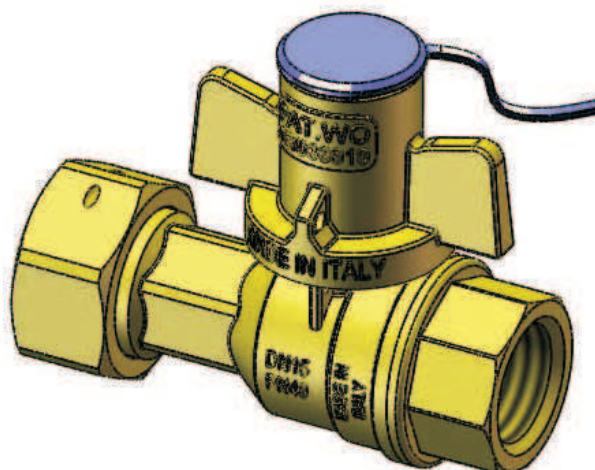
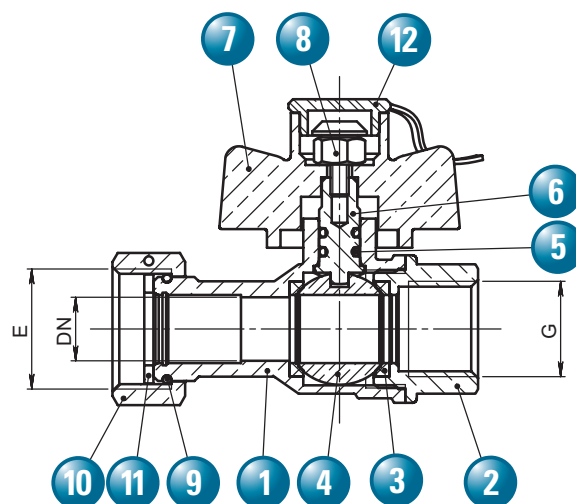


VALVOLE A SFERA DIRITTE ED ANGOLARI CON E SENZA CHECK ANTIRITORNO



STRAIGHT AND ELBOW BALL VALVES, WITH AND WITHOUT NON RETURN VALVE

1.6



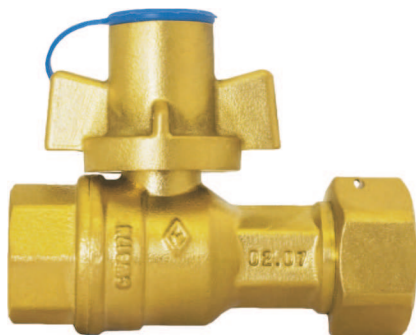
DN	G	A	B	C	E	PN
15	1/2"	71.5	47	48	3/4"	40
20	1/2"	71.5	47	48	7/8"	40
25	3/4"	76	47	48	3/4"	40
32	3/4"	76	47	48	7/8"	40
40	3/4"	82	49.7	68	1"	40
50	1"	88.5	49.7	68	1"	40

N.	Denominazione	Part name	Materiale	Trattamento	Qty.
1	Corpo	Body	CW617N	-	1
2	Manicotto	Coupling	CW617N	-	1
3	Guarnizione sfera	Ball seal	P.T.F.E.	-	2
4	Sfera	Ball	CW617N	Ni + Cr	1
5	O-Ring	O-ring	NBR70sh	-	2
6	Perno	Stem	CW614N	-	1
7	Leva antifrode	Anti-theft handle	CW614N	-	1
8	Vite	Screw	Acciaio 8.8	Dacromet	1
9	Anello elastico	External ring	AISI 302	-	1
10	Dado girevole	Swivel nut	CW614N	-	1
11	Guarnizione	Seal	NBR70sh	-	1
12	Tappo	Blank plug	Polipropilene	-	1

 **FEMMINA / DADO MOBILE** - Valvola a sfera in ottone con sistema antifrode. Modello pesante

 **FEMALE / SWIVEL NUT** - Ball valve with anti-theft handle, yellow brass, heavy pattern

ART. 5204



MISURE / SIZE	DN	PN		5204	5201	5202	5203	5205
1/2" x 3/4"	15	40	CODE	5204 02	5201 02	5202 02	5203 02	5205 02
1/2" x 7/8"	15	40		5204 03	5201 03	5202 03	5203 03	5205 03
3/4" x 3/4"	15	40		5204 04	5201 04	5202 04	5203 04	5205 04
3/4" x 7/8"	15	40		5204 05	5201 05	5202 05	5203 05	5205 05
3/4" x 1"	20	40		5204 06	5201 06	5202 06	5203 06	5205 06
1" x 1"	20	40		5204 07	5201 07	5202 07	5203 07	5205 07
1" x 1 1/4"	25	40		5204 08	5201 08	5202 08	5203 08	5205 08



 **FEMMINA / DADO MOBILE** - Valvola a sfera in ottone con valvola di ritegno. Modello pesante

 **FEMALE / SWIVEL NUT** - Ball valve with non-return valve, yellow brass, heavy pattern

ART. 5206



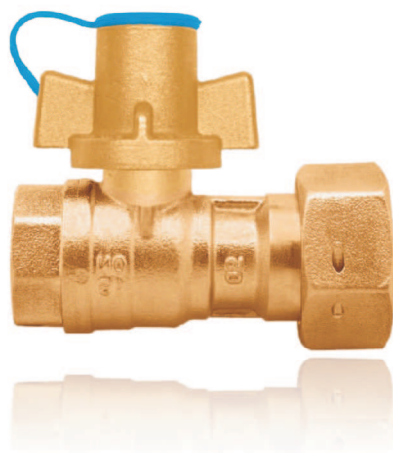
MISURE / SIZE	DN	PN	PN CHECK		5206	5207
1/2" x 3/4"	15	40	16	CODE	5206 02	5207 02
1/2" x 7/8"	15	40	16		5206 03	5207 03
3/4" x 3/4"	15	40	16		5206 04	5207 04
3/4" x 7/8"	15	40	16		5206 05	5207 05
3/4" x 1"	20	40	16		5206 06	5207 06
1" x 1"	20	40	16		5206 07	5207 07
1" x 1 1/4"	25	40	16		5206 08	5207 08



 **FEMMINA / DADO MOBILE** - Valvola a sfera in ottone con sistema antifrode. Modello leggero

 **FEMALE / SWIVEL NUT** - Ball valve with anti-theft handle, yellow brass, light pattern

ART. 5214

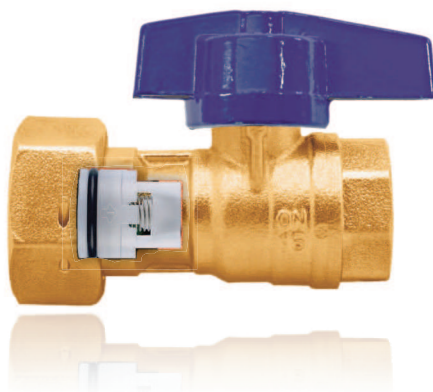


MISURE / SIZE	DN	PN	CODE	5214	5211	5212	5213
1/2" x 3/4"	15	25		5214 02	5211 02	5212 02	5213 02
3/4" x 3/4"	15	25		5214 03	5211 03	5212 03	5213 03

 **FEMMINA / DADO MOBILE** - Valvola a sfera in ottone con valvola di ritegno. Modello leggero

 **FEMALE / SWIVEL NUT** - Ball valve with non-return valve, yellow brass, light pattern

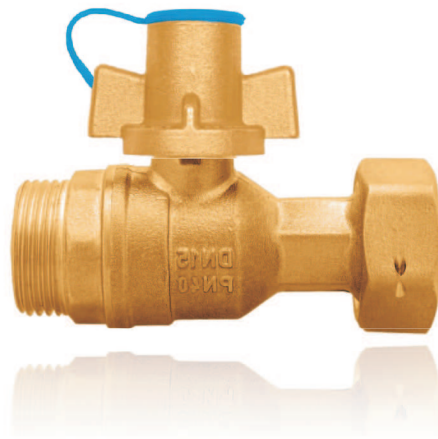
ART. 5216



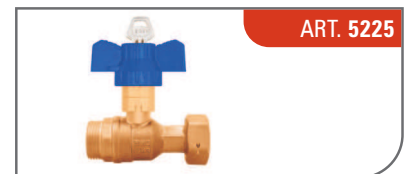
MISURE / SIZE	DN	PN	PN CHECK	CODE	5216	5217
1/2" x 3/4"	15	25	16		5216 02	5217 02
3/4" x 3/4"	15	25	16		5216 03	5217 03

 **MASCHIO / DADO MOBILE** - Valvola a sfera in ottone con sistema antifrode. Modello pesante
 **MALE / SWIVEL NUT** - Brass ball valve with anti-theft handle; heavy pattern

ART. 5224

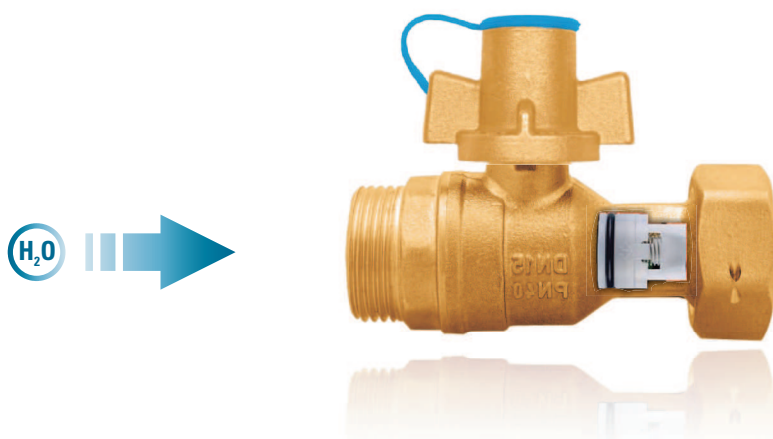


MISURE / SIZE	DN	PN		5224	5221	5222	5223	5225
1/2" x 3/4"	15	40	CODE	5224 02	5221 02	5222 02	5223 02	5225 02
1/2" x 7/8"	15	40		5224 03	5221 03	5222 03	5223 03	5225 03
3/4" x 3/4"	15	40		5224 04	5221 04	5222 04	5223 04	5225 04
3/4" x 7/8"	15	40		5224 05	5221 05	5222 05	5223 05	5225 05
3/4" x 1"	20	40		5224 06	5221 06	5222 06	5223 06	5225 06
1" x 1"	20	40		5224 07	5221 07	5222 07	5223 07	5225 07
1" x 1 1/4"	25	40		5224 08	5221 08	5222 08	5223 08	5225 08

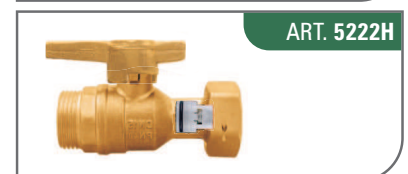


 **MASCHIO / DADO MOBILE** - Valvola a sfera in ottone con sistema antifrode e valvola di ritegno in entrata. Modello pesante
 **MALE / SWIVEL NUT** - Brass ball valve with anti-theft handle and non return valve at inflow; heavy pattern

ART. 5224H



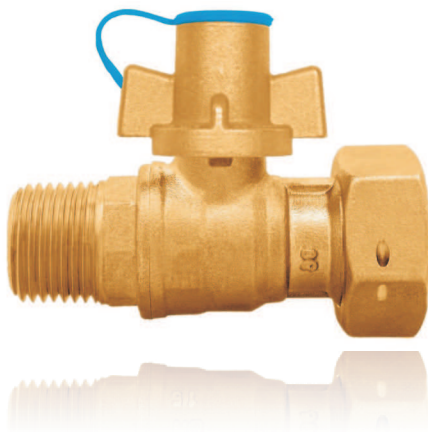
MISURE / SIZE	DN	PN	PN CHECK		5224H	5221H	5222H
1/2" x 3/4"	15	40	16	CODE	5224H 02	5221H 02	5222H 02
1/2" x 7/8"	15	40	16		5224H 03	5221H 03	5222H 03
3/4" x 3/4"	15	40	16		5224H 04	5221H 04	5222H 04
3/4" x 7/8"	15	40	16		5224H 05	5221H 05	5222H 05
3/4" x 1"	20	40	16		5224H 06	5221H 06	5222H 06
1" x 1"	20	40	16		5224H 07	5221H 07	5222H 07
1" x 1 1/4"	25	40	16		5224H 08	5221H 08	5222H 08



 **MASCHIO / DADO MOBILE** - Valvola a sfera in ottone con sistema antifrode. Modello leggero

 **MALE / SWIVEL NUT** - Ball valve with anti-theft handle, yellow brass, light pattern

ART. 5234

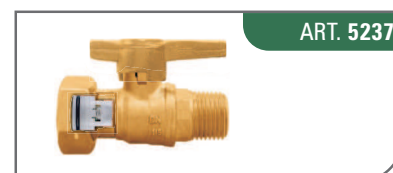
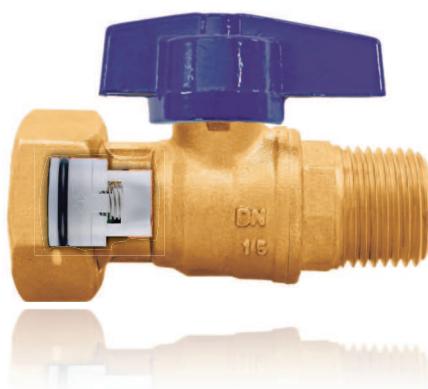


MISURE/SIZE	DN	PN		5234	5231	5232	5233
1/2" x 3/4"	15	25	CODE	5234 02	5231 02	5232 02	5233 02
3/4" x 3/4"	15	25		5234 03	5231 03	5232 03	5233 03

 **MASCHIO / DADO MOBILE** - Valvola a sfera in ottone con valvola di ritegno. Modello leggero

 **MALE / SWIVEL NUT** - Ball valve with non-return valve, yellow brass, light pattern

ART. 5236



MISURE/SIZE	DN	PN	PN CHECK		5236	5237
1/2" x 3/4"	15	25	16	CODE	5236 02	5237 02
3/4" x 3/4"	15	25	16		5236 03	5237 03

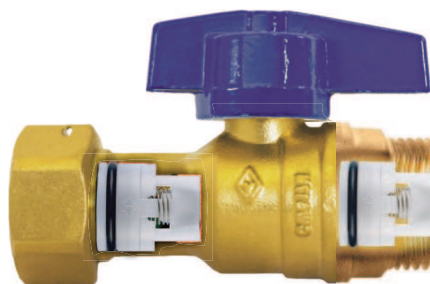
 **MASCHIO / DADO MOBILE** - Valvola a sfera in ottone con valvola di ritegno in uscita. Modello pesante
 **MALE / SWIVEL NUT** - Brass ball valve with non return valve at outflow; heavy pattern

ART. 5226


MISURE / SIZE	DN	PN	PN CHECK		5226	5227
1/2" x 3/4"	15	40	16	CODE	5226 02	5227 02
1/2" x 7/8"	15	40	16		5226 03	5227 03
3/4" x 3/4"	15	40	16		5226 04	5227 04
3/4" x 7/8"	15	40	16		5226 05	5227 05
3/4" x 1"	20	40	16		5226 06	5227 06
1" x 1"	20	40	16		5226 07	5227 07
1" x 1 1/4"	40	16			5226 08	5227 08


ART. 5227

 **MASCHIO / DADO MOBILE** - Valvola a sfera in ottone con valvola di ritegno in uscita. Modello pesante
 **MALE / SWIVEL NUT** - Brass ball valve with non return valve at outflow; heavy pattern

ART. 5228


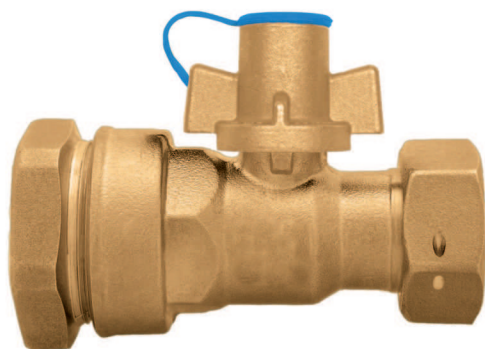
MISURE / SIZE	DN	PN	PN CHECK		5228	5229
3/4" x 3/4"	15	40	16	CODE	5228 02	5229 02
3/4" x 7/8"	15	40	16		5228 03	5229 03
1" x 1"	15	40	16		5228 04	5229 04
1" x 1 1/4"	15	40	16		5228 05	5229 05


ART. 5229

 **PE / DADO MOBILE** - Valvola a sfera in ottone con sistema antifrode. Modello pesante

 **PE / SWIVEL NUT** - Ball valve with anti-theft handle, yellow brass, heavy pattern

ART. 5244



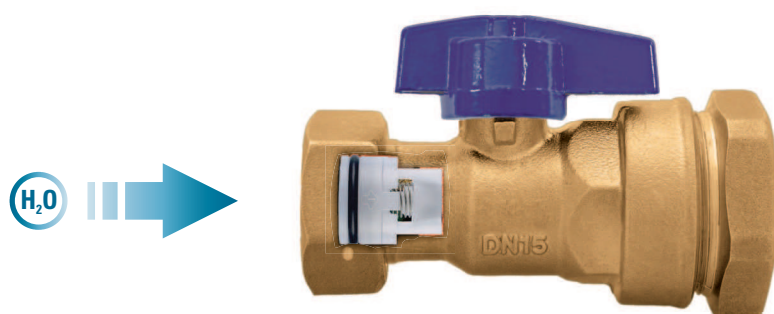
MISURE/SIZE	DN	PN		5244	5241	5242	5243
25 mm x 3/4"	15	40	CODE	5244 02	5241 02	5242 02	5243 02
25 mm x 7/8"	15	40		5244 03	5241 03	5242 03	5243 03
25 mm x 1"	20	40		5244 04	5241 04	5242 04	5243 04
32 mm x 3/4"	20	40		5244 05	5241 05	5242 05	5243 05
32 mm x 1"	20	40		5244 06	5241 06	5242 06	5243 06
32 mm x 1 1/4"	20	40		5244 07	5241 07	5242 07	5243 07



 **PE / DADO MOBILE** - Valvola a sfera in ottone con valvola di ritegno. Modello pesante

 **PE / SWIVEL NUT** - Ball valve with non-return valve, yellow brass, heavy pattern

ART. 5246

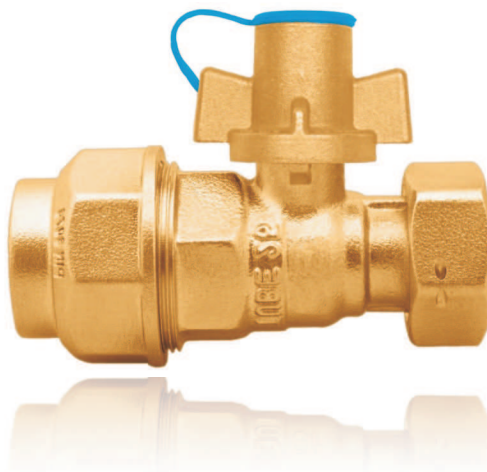


MISURE/SIZE	DN	PN	PN CHECK		5246	5247
25 mm x 3/4"	15	40	16	CODE	5246 02	5247 02
25 mm x 7/8"	15	40	16		5246 03	5247 03
25 mm x 1"	20	40	16		5246 04	5247 04
32 mm x 3/4"	20	40	16		5246 05	5247 05
32 mm x 1"	20	40	16		5246 06	5247 06
32 mm x 1 1/4"					5246 07	5247 07



  **PE / DADO MOBILE** - Valvola a sfera in ottone con sistema antifrode. Modello leggero
  **PE / SWIVEL NUT** - Ball valve with anti-theft handle, yellow brass, light pattern

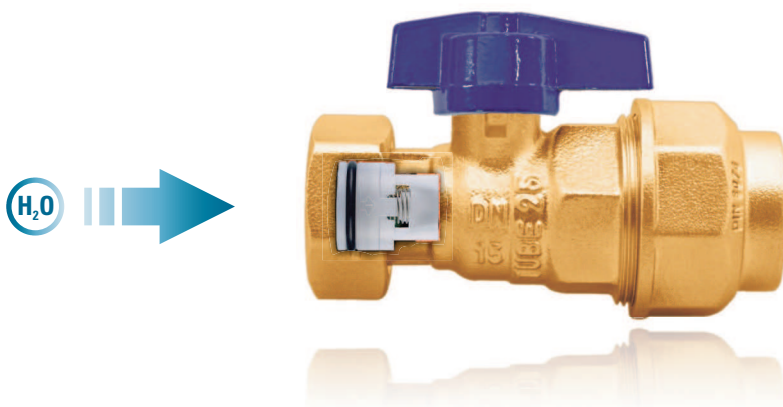
ART. 5254



MISURE/SIZE	DN	PN	CODE	5254	5251	5252	5253
20 mm x 3/4"	15	30		5254 02	5251 02	5252 02	5253 02
25 mm x 3/4"	15	30		5254 03	5251 03	5252 03	5253 03

  **PE / DADO MOBILE** - Valvola a sfera in ottone con valvola di ritegno. Modello leggero
  **PE / SWIVEL NUT** - Ball valve with non-return valve, yellow brass, light pattern

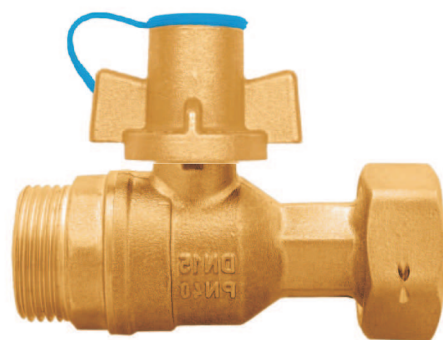
ART. 5256



MISURE/SIZE	DN	PN	PN CHECK	CODE	5256	5257
20 mm x 3/4"	15	30	16		5256 02	5257 02
25 mm x 3/4"	15	30	16		5256 03	5257 03

 **PE PUSH FIT / DADO MOBILE** - Valvola a sfera in ottone con sistema antifrode
 **PE PUSH FIT / SWIVEL NUT** - Ball valve with anti-theft handle, yellow brass

ART. 5274



ART. 5271



ART. 5272

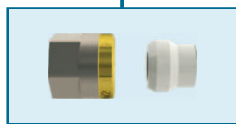


ART. 5273



ART. 4120

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS



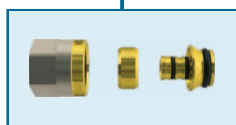
ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS



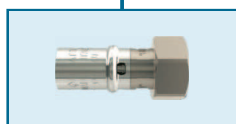
ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS



ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS



ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS



ART. 4105

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS

MISURA / SIZE	MISURA / SIZE
Ø 10 x 1/2"	Ø 14 x 3/4"
Ø 10 x 3/4"	Ø 15 x 1/2"
Ø 12 x 1/2"	Ø 15 x 3/4"
Ø 12 x 3/4"	Ø 16 x 3/4"
Ø 14 x 1/2"	Ø 18 x 3/4"

MISURA / SIZE
Ø 10
Ø 12
Ø 14
Ø 15

MISURA / SIZE	MISURA / SIZE
Ø 12 SP 2 x 1/2"	Ø 16 SP 2 x 3/4"
Ø 12 SP 2 x 3/4"	Ø 17 SP 2 x 3/4"
Ø 14 SP 2 x 1/2"	Ø 18 SP 2 x 3/4"
Ø 14 SP 2 x 3/4"	

MISURA / SIZE	MISURA / SIZE
Ø 14 SP 2 x 1/2"	Ø 17 SP 2 x 3/4"
Ø 14 SP 2 x 3/4"	Ø 18 SP 2 x 3/4"
Ø 16 SP 2 x 1/2"	Ø 20 SP 2 x 3/4"
Ø 16 SP 2 x 3/4"	

MISURA / SIZE	MISURA / SIZE
Ø 16 SP 2 x 1/2"	Ø 20 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"	Ø 20 SP 2 x 3/4"
Ø 18 SP 2 x 1/2"	
Ø 18 SP 2 x 3/4"	

MISURA / SIZE
Ø 16 SP 2.2
Ø 16 SP 2.7
Ø 20 SP 2.8
Ø 20 SP 3.4

MISURE / SIZE	DN	PN	CODE	5274	5271	5272	5273
1/2" x 3/4"	15	25		5274 02	5271 02	5272 02	5273 02
3/4" x 3/4"	15	25		5274 03	5271 03	5272 03	5273 03

 **RAME A COMPRESSIONE / DADO MOBILE** - Valvola a sfera in ottone con sistema antifrode. Modello pesante
 **COPPER COMPRESSION / SWIVEL NUT** - Brass ball valve with anti-theft handle; heavy pattern

ART. 5264



ART. 5261



ART. 4120

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS

ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS

ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS

ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS

ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS

ART. 4105

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS

MISURA / SIZE
Ø 10 x 1/2"
Ø 10 x 3/4"
Ø 12 x 1/2"
Ø 12 x 3/4"
Ø 14 x 1/2"

MISURA / SIZE
Ø 14 x 3/4"
Ø 15 x 1/2"
Ø 15 x 3/4"
Ø 16 x 3/4"
Ø 18 x 3/4"

MISURA / SIZE
Ø 10
Ø 12
Ø 14
Ø 15

MISURA / SIZE
Ø 12 SP 2 x 1/2"
Ø 12 SP 2 x 3/4"
Ø 14 SP 2 x 1/2"
Ø 14 SP 2 x 3/4"

MISURA / SIZE
Ø 16 SP 2 x 3/4"
Ø 17 SP 2 x 3/4"
Ø 18 SP 2 x 3/4"

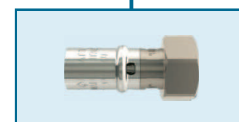
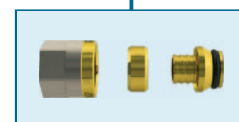
MISURA / SIZE
Ø 14 SP 2 x 1/2"
Ø 14 SP 2 x 3/4"
Ø 16 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"

MISURA / SIZE
Ø 17 SP 2 x 3/4"
Ø 18 SP 2 x 3/4"
Ø 20 SP 2 x 3/4"

MISURA / SIZE
Ø 16 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"
Ø 18 SP 2 x 1/2"
Ø 18 SP 2 x 3/4"

MISURA / SIZE
Ø 20 SP 2 x 1/2"
Ø 20 SP 2 x 3/4"

MISURA / SIZE
Ø 16 SP 2.2
Ø 16 SP 2.7
Ø 20 SP 2.8
Ø 20 SP 3.4

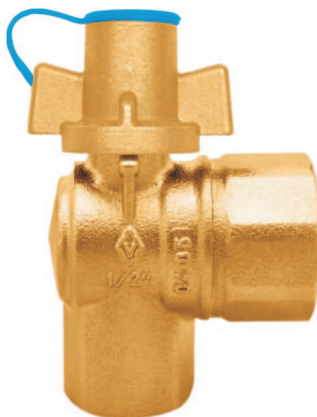


MISURE / SIZE	DN	PN	CODE	5264	5261
1/2" x 3/4"	15	25		5264 02	5261 02
3/4" x 3/4"	15	25		5264 03	5261 03

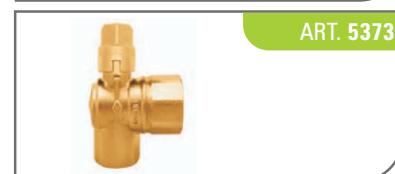
  **FEMMINA / FEMMINA** - Valvola a sfera ad angolo in ottone con sistema antifrode. Modello pesante

 **FEMALE / FEMALE** - Elbow ball valve with anti-theft handle, yellow brass, heavy pattern

ART. 5374



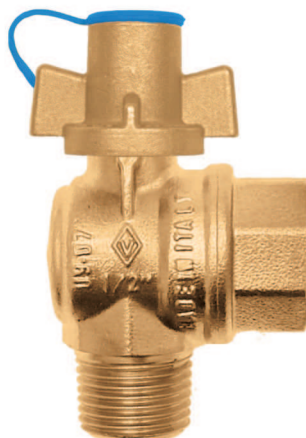
MISURE/SIZE	DN	PN		5374	5371	5372	5373	5375
1/2" x 1/2"	15	40	CODE	5374 02	5371 02	5372 02	5373 02	5375 02
1/2" x 3/4"	15	40		5374 03	5371 03	5372 03	5373 03	5375 03
3/4" x 3/4"	20	40		5374 04	5371 04	5372 04	5373 04	5375 04
3/4" x 1"	20	40		5374 05	5371 05	5372 05	5373 05	5375 05
1" x 1"	25	40		5374 06	5371 06	5372 06	5373 06	5375 06
1" x 1 1/4"	25	40		5374 07	5371 07	5372 07	5373 07	5375 07



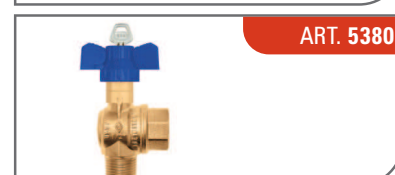
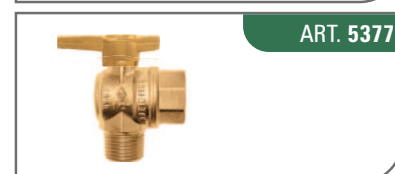
  **MASCHIO / FEMMINA** - Valvola a sfera ad angolo in ottone con sistema antifrode. Modello pesante

 **MALE / FEMALE** - Elbow ball valve with anti-theft handle, yellow brass, heavy pattern

ART. 5379



MISURE/SIZE	DN	PN		5379	5376	5377	5378	5380
1/2" x 1/2"	15	40	CODE	5379 02	5376 02	5377 02	5378 02	5380 02
1/2" x 3/4"	15	40		5379 03	5376 03	5377 03	5378 03	5380 03
3/4" x 3/4"	20	40		5379 04	5376 04	5377 04	5378 04	5380 04
3/4" x 1"	20	40		5379 05	5376 05	5377 05	5378 05	5380 05
1" x 1"	25	40		5379 06	5376 06	5377 06	5378 06	5380 06
1" x 1 1/4"	25	40		5379 07	5376 07	5377 07	5378 07	5380 07



  **FEMMINA / PE** - Valvola a sfera ad angolo in ottone con sistema antifrode. Modello pesante
 **FEMALE / PE** - Elbow ball valve with anti-theft handle, yellow brass, heavy pattern

ART. 5389

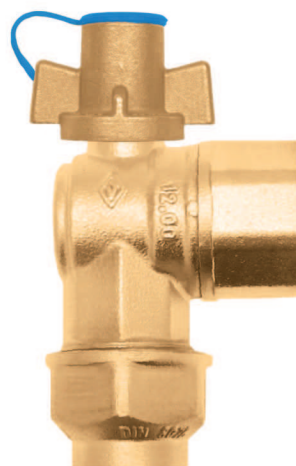


MISURE / SIZE	DN	PN		5389	5386	5387	5388	5390
25 mm x 1/2	15	40	CODE	5389 02	5386 02	5387 02	5388 02	5390 02
25 mm x 3/4	15	40		5389 03	5386 03	5387 03	5388 03	5390 03
32 mm x 3/4	20	40		5389 04	5386 04	5387 04	5388 04	5390 04
32 mm x 1	20	40		5389 05	5386 05	5387 05	5388 05	5390 05



  **FEMMINA / PE** - Valvola a sfera ad angolo in ottone con sistema antifrode. Modello leggero
 **FEMALE / PE** - Elbow ball valve with anti-theft handle, yellow brass, light pattern

ART. 5334

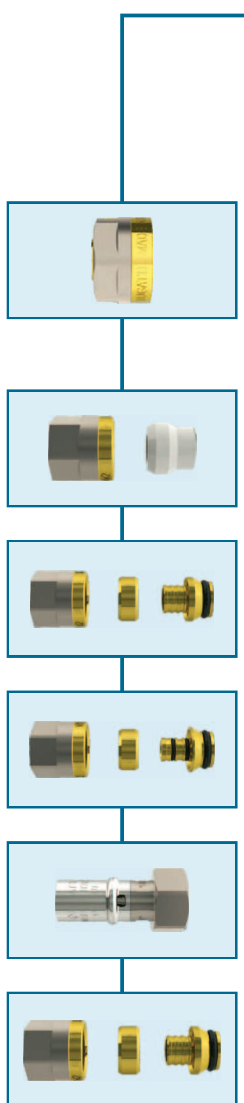
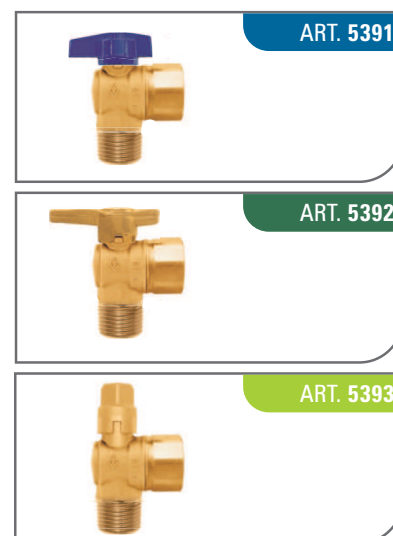
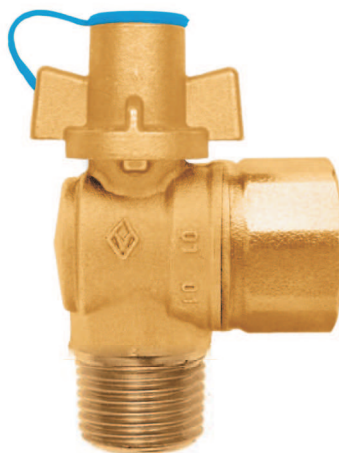


MISURE / SIZE	DN	PN		5334	5331	5332	5333
20 mm x 1/2	15	30	CODE	5334 02	5331 02	5332 02	5333 02
20 mm x 3/4	15	30		5334 03	5331 03	5332 03	5333 03
25 mm x 1/2	15	30		5334 04	5331 04	5332 04	5333 04
25 mm x 3/4	15	30		5334 05	5331 05	5332 05	5333 05



 **FEMMINA / RAME A COMPRESSIONE** - Valvola a sfera ad angolo in ottone con sistema antifrode. Modello pesante
 **FEMALE / COPPER COMPRESSION** - Ball valve with anti-theft handle, yellow brass, heavy pattern

ART. 5394



ART. 4120

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS

ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS

ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS

ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS

ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS

ART. 4105

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS

MISURA / SIZE	MISURA / SIZE
Ø 10 x 1/2"	Ø 14 x 3/4"
Ø 10 x 3/4"	Ø 15 x 1/2"
Ø 12 x 1/2"	Ø 15 x 3/4"
Ø 12 x 3/4"	Ø 16 x 3/4"
Ø 14 x 1/2"	Ø 18 x 3/4"

MISURA / SIZE
Ø 10
Ø 12
Ø 14
Ø 15

MISURA / SIZE	MISURA / SIZE
Ø 12 SP 2 x 1/2"	Ø 16 SP 2 x 3/4"
Ø 12 SP 2 x 3/4"	Ø 17 SP 2 x 3/4"
Ø 14 SP 2 x 1/2"	Ø 18 SP 2 x 3/4"
Ø 14 SP 2 x 3/4"	

MISURA / SIZE	MISURA / SIZE
Ø 14 SP 2 x 1/2"	Ø 17 SP 2 x 3/4"
Ø 14 SP 2 x 3/4"	Ø 18 SP 2 x 3/4"
Ø 16 SP 2 x 1/2"	Ø 20 SP 2 x 3/4"
Ø 16 SP 2 x 3/4"	

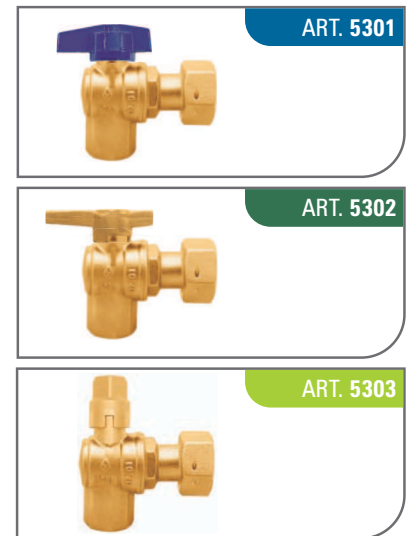
MISURA / SIZE	MISURA / SIZE
Ø 16 SP 2 x 1/2"	Ø 20 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"	Ø 20 SP 2 x 3/4"
Ø 18 SP 2 x 1/2"	
Ø 18 SP 2 x 3/4"	

MISURA / SIZE
Ø 16 SP 2.2
Ø 16 SP 2.7
Ø 20 SP 2.8
Ø 20 SP 3.4

MISURE / SIZE	DN	PN		5394	5391	5392	5393
1/2" x 1/2"	15	40	CODE	5394 02	5391 02	5392 02	5393 02
1/2" x 3/4"	15	40		5394 03	5391 03	5392 03	5393 03
3/4" x 3/4"	20	40		5394 04	5391 04	5392 04	5393 04
3/4" x 1"	20	40		5394 05	5391 05	5392 05	5393 05

  **FEMMINA / DADO MOBILE** - Valvola a sfera ad angolo in ottone con sistema antifrode. Modello pesante
 **FEMALE / SWIVEL NUT** - Elbow ball valve with anti-theft handle, yellow brass, heavy pattern

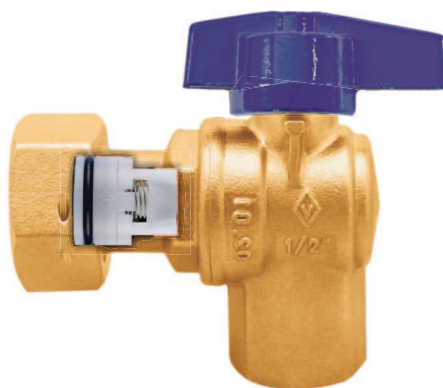
ART. 5304



MISURE/SIZE	DN	PN		5304	5301	5302	5303
1/2" x 3/4"	15	40	CODE	5304 02	5301 02	5302 02	5303 02
1/2" x 7/8"	15	40		5304 03	5301 03	5302 03	5303 03
3/4" x 3/4"	15	40		5304 04	5301 04	5302 04	5303 04
3/4" x 7/8"	15	40		5304 05	5301 05	5302 05	5303 05
3/4" x 1"	20	40		5304 06	5301 06	5302 06	5303 06
1" x 1"	20	40		5304 07	5301 07	5302 07	5303 07
1" x 1 1/4"	25	40		5304 08	5301 08	5302 08	5303 08

  **FEMMINA / DADO MOBILE** - Valvola a sfera ad angolo in ottone con valvola di ritegno. Modello pesante
 **FEMALE / SWIVEL NUT** - Elbow ball valve with non-return valve, yellow brass, heavy pattern

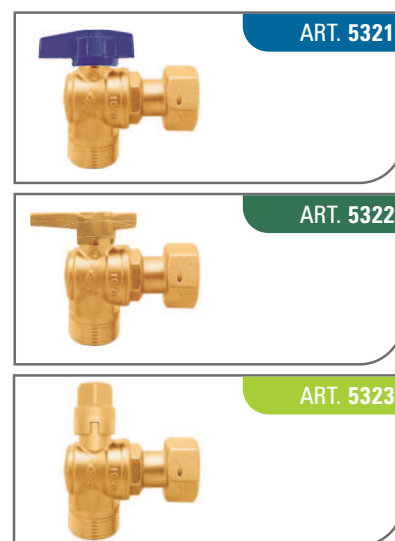
ART. 5306



MISURE/SIZE	DN	PN	PN CHECK		5306	5307
1/2" x 3/4"	15	40	16	CODE	5306 02	5307 02
1/2" x 7/8"	15	40	16		5306 03	5307 03
3/4" x 3/4"	15	40	16		5306 04	5307 04
3/4" x 7/8"	15	40	16		5306 05	5307 05
3/4" x 1"	20	40	16		5306 06	5307 06
1" x 1"	20	40	16		5306 07	5307 07
1" x 1 1/4"	25	40	16		5306 08	5307 08

 **MASCHIO / DADO MOBILE** - Valvola a sfera ad angolo in ottone con sistema antifrode. Modello pesante
 **MALE / SWIVEL NUT** - Elbow ball valve with anti-theft handle, yellow brass, heavy pattern

ART. 5324



MISURE/SIZE	DN	PN		5324	5321	5322	5323
1/2" x 3/4"	15	40	CODE	5324 02	5321 02	5322 02	5323 02
1/2" x 7/8"	15	40		5324 03	5321 03	5322 03	5323 03
3/4" x 3/4"	15	40		5324 04	5321 04	5322 04	5323 04
3/4" x 7/8"	15	40		5324 05	5321 05	5322 05	5323 05
3/4" x 1"	20	40		5324 06	5321 06	5322 06	5323 06
1" x 1"	20	40		5324 07	5321 07	5322 07	5323 07
1" x 1 1/4"	25	40		5324 08	5321 08	5322 08	5323 08

 **MASCHIO / DADO MOBILE** - Valvola a sfera ad angolo in ottone con sistema antifrode e valvola di ritegno in entrata, modello pesante
 **MALE / SWIVEL NUT** - Elbow ball valve with anti-theft handle and non-return valve on inlet, yellow brass, heavy pattern

ART. 5324H



MISURE/SIZE	DN	PN	PN CHECK		5324H	5321H
1/2" x 3/4"	15	40	16	CODE	5324H 02	5321H 02
1/2" x 7/8"	15	40	16		5324H 03	5321H 03
3/4" x 3/4"	15	40	16		5324H 04	5321H 04
3/4" x 7/8"	15	40	16		5324H 05	5321H 05
3/4" x 1"	20	40	16		5324H 06	5321H 06
1" x 1"	20	40	16		5324H 07	5321H 07
1" x 1 1/4"	25	40	16		5324H 08	5321H 08



  **MASCHIO / DADO MOBILE** - Valvola a sfera ad angolo in ottone con valvola di ritegno. Modello pesante

 **MALE / SWIVEL NUT** - Elbow ball valve with non-return valve, yellow brass, heavy pattern

ART. 5326

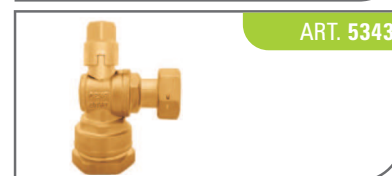
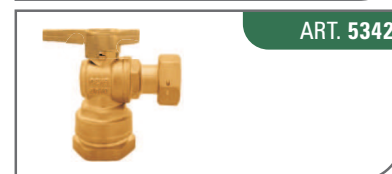


MISURE / SIZE	DN	PN	PN CHECK	CODE	5326	5327
1/2" x 3/4"	15	40	16		5326 02	5327 02
1/2" x 7/8"	15	40	16		5326 03	5327 03
3/4" x 3/4"	15	40	16		5326 04	5327 04
3/4" x 7/8"	15	40	16		5326 05	5327 05
3/4" x 1"	20	40	16		5326 06	5327 06
1" x 1"	20	40	16		5326 07	5327 07
1" x 1 1/4"	25	40	16		5326 08	5327 08

  **PE / DADO MOBILE** - Valvola a sfera ad angolo in ottone con sistema antifrode. Modello pesante

 **PE / SWIVEL NUT** - Elbow ball valve with anti-theft handle, yellow brass, heavy pattern

ART. 5344



MISURE / SIZE	DN	PN		5344	5341	5342	5343
25 mm x 3/4"	15	40	CODE	5344 02	5341 02	5342 02	5343 02
25 mm x 7/8"	20	40		5344 03	5341 03	5342 03	5343 03
32 mm x 3/4"	20	40		5344 04	5341 04	5342 04	5343 04
32 mm x 7/8"	20	40		5344 05	5341 05	5342 05	5343 05
32 mm x 1"	20	40		5344 06	5341 06	5342 06	5343 06
32 mm x 1 1/4"	25	40		5344 07	5341 07	5342 06	5343 07

  **PE / DADO MOBILE** - Valvola a sfera ad angolo in ottone con valvola di ritegno. Modello pesante

 **PE / SWIVEL NUT** - Elbow ball valve with non-return valve, yellow brass, heavy pattern

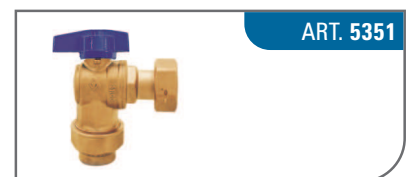
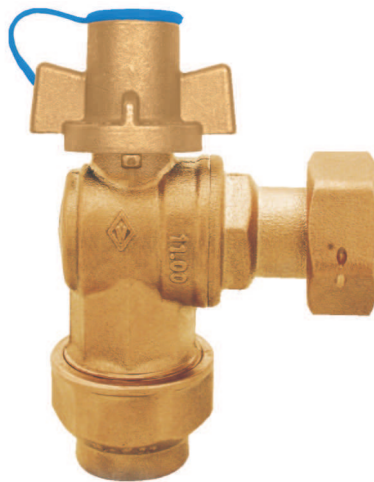
ART. 5346



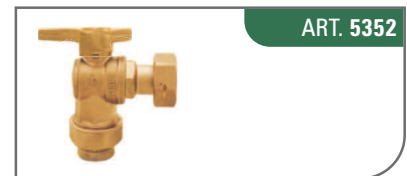
MISURE / SIZE	DN	PN	PN CHECK		5346	5347
25 mm x 3/4"	15	40	16	CODE	5346 02	5347 02
25 mm x 1"	20	40	16		5346 03	5347 03
32 mm x 3/4"	20	40	16		5346 04	5347 04
32 mm x 7/8"	20	40	16		5346 05	5347 05
32 mm x 1"	20	40	16		5346 06	5347 06
32 mm x 1 1/4"	25	40	16		5346 07	5347 07

  **PE / DADO MOBILE** - Valvola a sfera ad angolo in ottone con sistema antifrode. Modello leggero
 **PE / SWIVEL NUT** - Elbow ball valve with anti-theft handle, yellow brass, light pattern

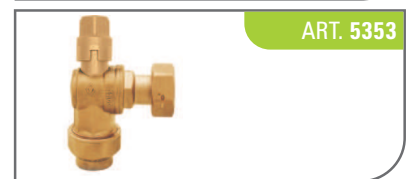
ART. 5354



ART. 5351



ART. 5352



ART. 5353

MISURE/SIZE	DN	PN		5354	5351	5352	5353
20 mm x 3/4"	15	30	CODE	5354 02	5351 02	5352 02	5353 02
20 mm x 7/8"	15	30		5354 03	5351 03	5352 03	5353 03
25 mm x 3/4"	15	30		5354 04	5351 04	5352 04	5353 04
25 mm x 7/8"	15	30		5354 05	5351 05	5352 05	5353 05

  **PE / DADO MOBILE** - Valvola a sfera ad angolo in ottone con valvola di ritegno. Modello leggero
 **PE / SWIVEL NUT** - Elbow ball valve with non-return valve, yellow brass, light pattern

ART. 5356

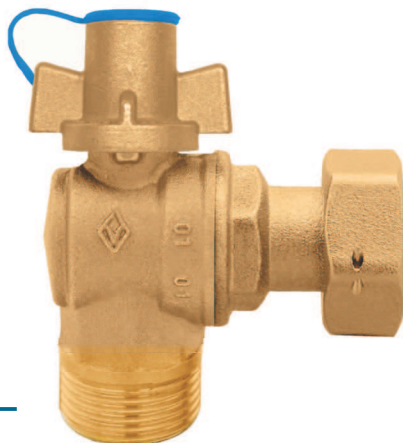


ART. 5357

MISURE/SIZE	DN	PN	PN CHECK		5356	5357
20 mm x 3/4"	15	30	16	CODE	5356 02	5357 02
20 mm x 7/8"	15	30	16		5356 03	5357 03
25 mm x 3/4"	15	30	16		5356 04	5357 04
25 mm x 7/8"	15	30	16		5356 05	5357 05

 **RAME A COMPRESSIONE / DADO MOBILE** - Valvola a sfera ad angolo in ottone con sistema antifrode. Modello pesante
 **COPPER COMPRESSION / SWIVEL NUT** - Elbow ball valve with anti-theft handle, yellow brass, heavy pattern

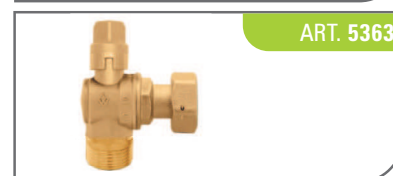
ART. 5364



ART. 5361



ART. 5362



ART. 5363



ART. 4120

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS



ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS



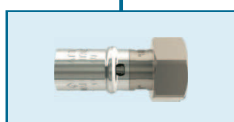
ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS



ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS



ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS



ART. 4105

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS

MISURA / SIZE	MISURA / SIZE
Ø 10 x 1/2"	Ø 14 x 3/4"
Ø 10 x 3/4"	Ø 15 x 1/2"
Ø 12 x 1/2"	Ø 15 x 3/4"
Ø 12 x 3/4"	Ø 16 x 3/4"
Ø 14 x 1/2"	Ø 18 x 3/4"

MISURA / SIZE
Ø 10
Ø 12
Ø 14
Ø 15

MISURA / SIZE	MISURA / SIZE
Ø 12 SP 2 x 1/2"	Ø 16 SP 2 x 3/4"
Ø 12 SP 2 x 3/4"	Ø 17 SP 2 x 3/4"
Ø 14 SP 2 x 1/2"	Ø 18 SP 2 x 3/4"
Ø 14 SP 2 x 3/4"	

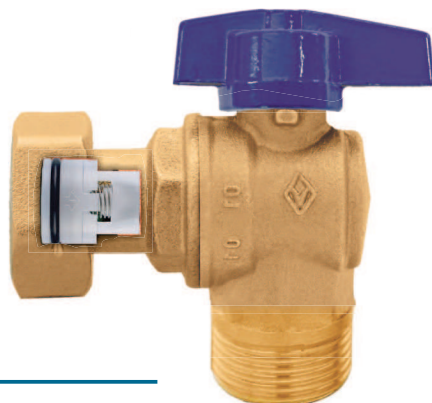
MISURA / SIZE	MISURA / SIZE
Ø 14 SP 2 x 1/2"	Ø 17 SP 2 x 3/4"
Ø 14 SP 2 x 3/4"	Ø 18 SP 2 x 3/4"
Ø 16 SP 2 x 1/2"	Ø 20 SP 2 x 3/4"
Ø 16 SP 2 x 3/4"	

MISURA / SIZE	MISURA / SIZE
Ø 16 SP 2 x 1/2"	Ø 20 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"	Ø 20 SP 2 x 3/4"
Ø 18 SP 2 x 1/2"	
Ø 18 SP 2 x 3/4"	

MISURA / SIZE
Ø 16 SP 2.2
Ø 16 SP 2.7
Ø 20 SP 2.8
Ø 20 SP 3.4

MISURE / SIZE	DN	PN	CODE	5364	5361	5362	5363
1/2" x 3/4"	15	25		5364 02	5361 02	5362 02	5363 02
3/4" x 3/4"	15	25		5364 03	5361 03	5362 03	5363 03

 **RAME A COMPRESSIONE / DADO MOBILE** - Valvola a sfera ad angolo in ottone con valvola di ritegno. Modello pesante
 **COPPER COMPRESSION / SWIVEL NUT** - Elbow ball valve with non-return valve, yellow brass, heavy pattern

ART. 5366**ART. 5367****ART. 4120**

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS

ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS

ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS

ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS

ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS

ART. 4105

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS

MISURA / SIZE	MISURA / SIZE
Ø 10 x 1/2"	Ø 14 x 3/4"
Ø 10 x 3/4"	Ø 15 x 1/2"
Ø 12 x 1/2"	Ø 15 x 3/4"
Ø 12 x 3/4"	Ø 16 x 3/4"
Ø 14 x 1/2"	Ø 18 x 3/4"

MISURA / SIZE
Ø 10
Ø 12
Ø 14
Ø 15

MISURA / SIZE	MISURA / SIZE
Ø 12 SP 2 x 1/2"	Ø 16 SP 2 x 3/4"
Ø 12 SP 2 x 3/4"	Ø 17 SP 2 x 3/4"
Ø 14 SP 2 x 1/2"	Ø 18 SP 2 x 3/4"
Ø 14 SP 2 x 3/4"	

MISURA / SIZE	MISURA / SIZE
Ø 14 SP 2 x 1/2"	Ø 17 SP 2 x 3/4"
Ø 14 SP 2 x 3/4"	Ø 18 SP 2 x 3/4"
Ø 16 SP 2 x 1/2"	Ø 20 SP 2 x 3/4"
Ø 16 SP 2 x 3/4"	

MISURA / SIZE	MISURA / SIZE
Ø 16 SP 2 x 1/2"	Ø 20 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"	Ø 20 SP 2 x 3/4"
Ø 18 SP 2 x 1/2"	
Ø 18 SP 2 x 3/4"	

MISURA / SIZE
Ø 16 SP 2.2
Ø 16 SP 2.7
Ø 20 SP 2.8
Ø 20 SP 3.4

MISURE / SIZE	DN	PN	CODE	5366	5367
1/2" x 3/4"	15	25		5366 02	5367 02
3/4" x 3/4"	15	25		5366 03	5367 03

 **DADO MOBILE / FLANGIA** - Valvola angolare a sfera in ottone con flangia di montaggio per collettori e sistema antifrode

 **SWIVEL NUT / FLANGE** - Elbow ball valve with anti-theft handle, yellow brass, flange assembly for manifold's mounting

ART. 5314



MISURE / SIZE	DN	PN		5314	5311	5312	5313
16 mm x 3/4"	15	20	CODE	5314 02	5311 02	5312 02	5313 02
20 mm x 3/4"	20	20		5314 03	5311 03	5312 03	5313 03
20 mm x 1"	20	20		5314 04	5311 04	5312 04	5313 04

 **DADO MOBILE / FLANGIA** - Valvola angolare a sfera in ottone con flangia di montaggio per collettori, sistema antifrode e valvola di ritegno in entrata

 **SWIVEL NUT / FLANGE** - elbow ball valve with anti-theft handle, non-return valve on inlet, yellow brass, flange assembly for manifold's mounting

ART. 5314H

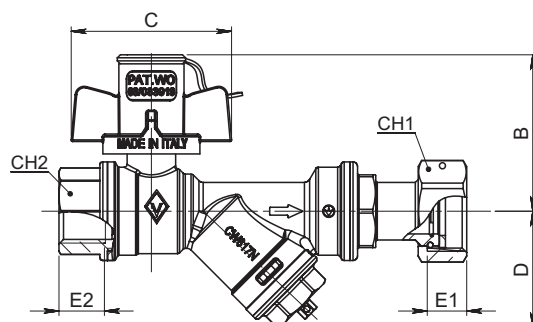


MISURE / SIZE	DN	PN	PN CHECK		5314H	5311H
16 mm x 3/4"	15	20	16	CODE	5314H 02	5311H 02
20 mm x 3/4"	20	20	16		5314H 03	5311H 03
20 mm x 1"	20	20	16		5314H 04	5311H 04

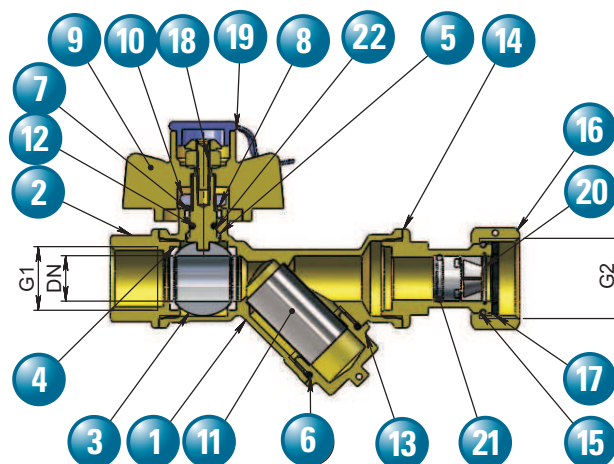




VALVOLE A SFERA CON FILTRO IN ACCIAIO INOX 400 MICRON



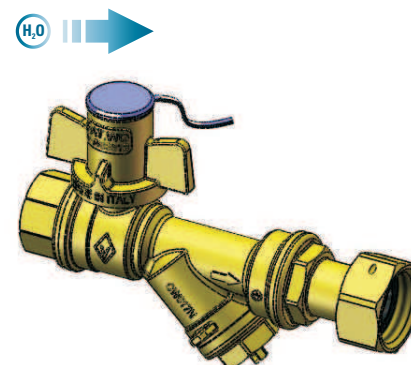
BALL VALVES W/400 MICRON "Y" STAINLESS STEEL FILTER INLINE



1.7

N.	Denominazione	Part name	Materiale	Trattamento	Qty.
1	Corpo	Body	CW617N	-	1
2	Manicotto	Coupling	CW617N	-	1
3	Sfera	Ball	CW617N	Ni + Cr	1
4	Guarnizione sfera	Ball seal	PTFE	-	2
5	Guarnizione inf	Lower seal	PTFE	-	1
6	O-Ring	O-Ring	NBR70sh	-	1
7	Guarnizione sup	Upper seal	PTFE	-	1
8	Rondella	Brass ring	CW617N	-	1
9	Farfalla	T-Handle	CW617N	-	1
10	Dado	Nut	UNI 5771	Zincato	1
11	Filtro Inox	Filter	AISI 304	-	1
12	O-Ring	O-Ring	NBR70sh	-	1
13	Tappo	Plug	CW617N	-	1
14	Manicotto	End connection	CW617N	-	1
15	Anello elastico	External ring	AISI 302	-	1
16	Dado	Nut	CW614N	-	1
17	Guarnizione piatta	Seal	NBR70sh	-	1
18	Vite antifrode	Anti-theft screw	Acciaio 8.8	Dacromet	1
19	Tappo	Plug	Polietilene	-	1
20	Anello elastico	Check ring	AISI 302	-	1
21	Check valve	Check valve	-	-	1
22	Perno	Stem	CW614N	-	1

Direzione del flusso
Flow direction

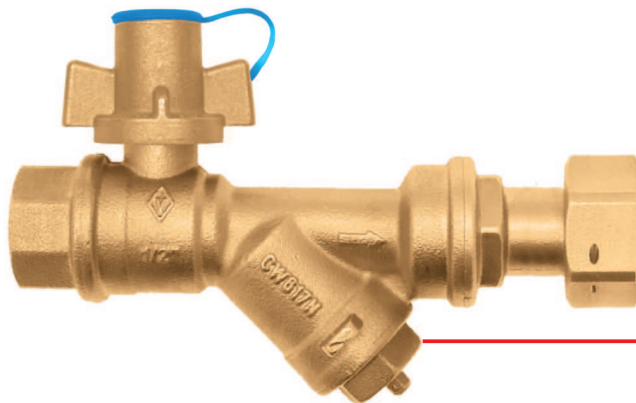


DN	G1	G2	CH1	CH2	A	B	C	D	E1	E2	PN
15	1/2"	3/4"	30	27	126	52	49	38.3	12	15	20
15	1/2"	7/8"	30	27	130	52	49	38.3	13	15	20
15	3/4"	3/4"	30	32	138.5	52	49	38.3	12	16.3	20
15	3/4"	7/8"	30	32	143	52	49	38.3	13	16.3	20
20	3/4"	1"	37	32	150	52	49	45.3	15	16.3	20
20	1"	1"	37	38	150	52	49	45.3	15	19	20

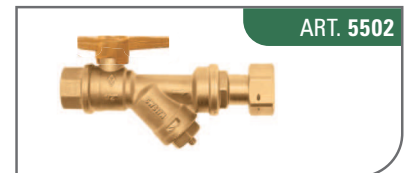
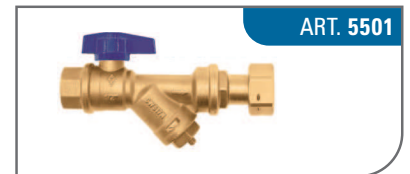
 **FEMMINA / DADO MOBILE** - Valvola a sfera con filtro inox a Y e con sistema antifrode

 **FEMALE / SWIVEL NUT** - Ball valves with "Y" stainless steel filter inline, anti-theft handle, yellow brass

ART. 5504



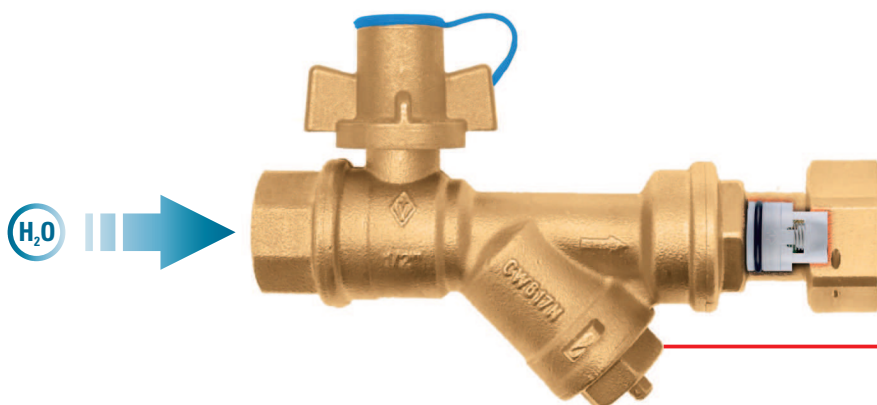
MISURE / SIZE	DN	PN		5504	5501	5502	5503
1/2" x 3/4"	15	20	CODE	5504 02	5501 02	5502 02	5503 02
1/2" x 7/8"	15	20		5504 03	5501 03	5502 03	5503 03
3/4" x 3/4"	15	20		5504 04	5501 04	5502 04	5503 04
3/4" x 7/8"	15	20		5504 05	5501 05	5502 05	5503 05
3/4" x 1"	20	20		5504 06	5501 06	5502 06	5503 06
1" x 1"	20	20		5504 07	5501 07	5502 07	5503 07
1" x 1 1/4"	25	20		5504 08	5501 08	5502 08	5503 08



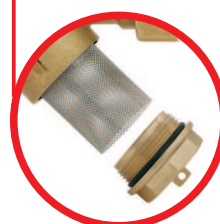
 **FEMMINA / DADO MOBILE** - Valvola a sfera con filtro inox a Y con sistema antifrode e con valvola di ritegno in entrata

 **FEMALE / SWIVEL NUT** - Ball valves with "Y" stainless steel filter inline, anti-theft handle, yellow brass, non-return valve on inlet

ART. 5504H

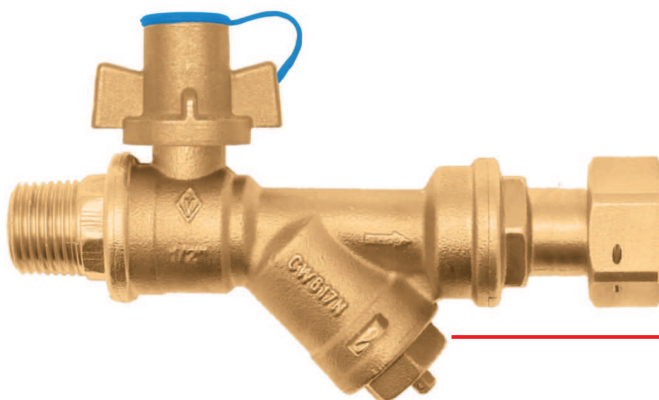


MISURE / SIZE	DN	PN	PN CHEK		5504H	5501H	5502H	5503H
1/2" x 3/4"	15	20	16	CODE	5504H 02	5501H 02	5502H 02	5503H 02
1/2" x 7/8"	15	20	16		5504H 03	5501H 03	5502H 03	5503H 03
3/4" x 3/4"	15	20	16		5504H 04	5501H 04	5502H 04	5503H 04
3/4" x 7/8"	15	20	16		5504H 05	5501H 05	5502H 05	5503H 05
3/4" x 1"	20	20	16		5504H 06	5501H 06	5502H 06	5503H 06
1" x 1"	20	20	16		5504H 07	5501H 07	5502H 07	5503H 07
1" x 1 1/4"	25	20	16		5504H 08	5501H 08	5502H 08	5503H 08

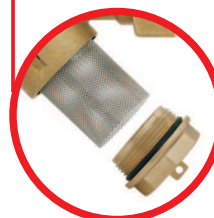
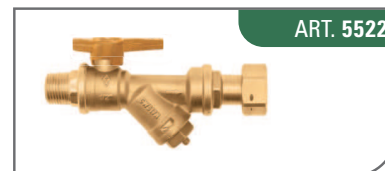


  **MASCHIO / DADO MOBILE** - Valvola a sfera con filtro inox a Y e con sistema antifrode
 **MALE / SWIVEL NUT** - Ball valves with "Y" stainless steel filter inline, anti-theft handle, yellow brass

ART. 5524

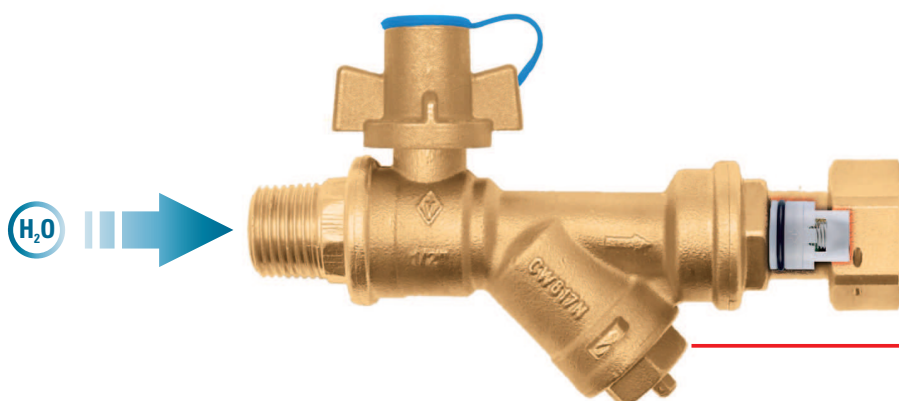


MISURE / SIZE	DN	PN		5524	5521	5522	5523
1/2" x 3/4"	15	20	CODE	5524 02	5521 02	5522 02	5523 02
1/2" x 7/8"	15	20		5524 03	5521 03	5522 03	5523 03
3/4" x 3/4"	15	20		5524 04	5521 04	5522 04	5523 04
3/4" x 7/8"	15	20		5524 05	5521 05	5522 05	5523 05
3/4" x 1"	20	20		5524 06	5521 06	5522 06	5523 06
1" x 1"	20	20		5524 07	5521 07	5522 07	5523 07
1" x 1 1/4"	25	20		5524 08	5521 08	5522 08	5523 08

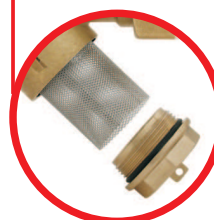


  **MASCHIO / DADO MOBILE** - Valvola a sfera con filtro inox a Y con sistema antifrode e con valvola di ritegno in entrata
 **MALE / SWIVEL NUT** - Ball valves with "Y" stainless steel filter inline, anti-theft handle, yellow brass, non-return valve on inlet

ART. 5524H



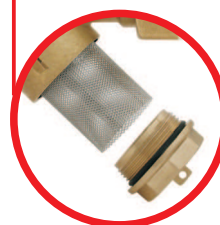
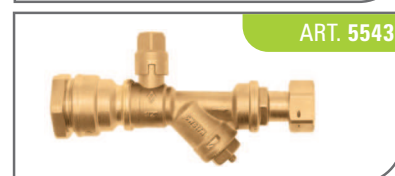
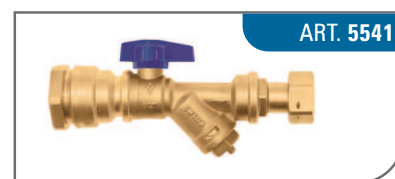
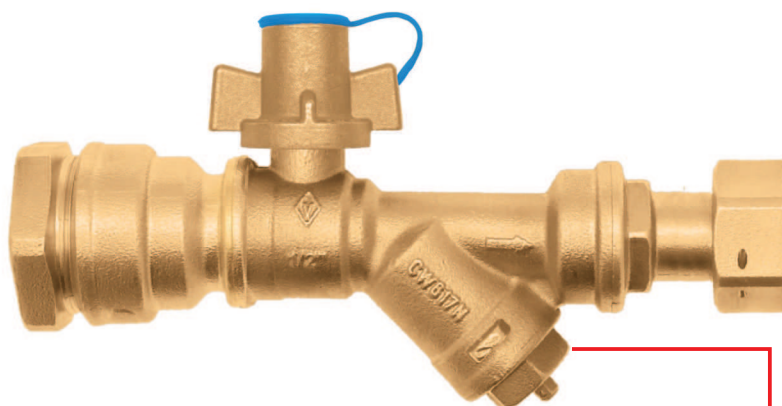
MISURE / SIZE	DN	PN	PN CHEK		5524H	5521H	5522H	5523H
1/2" x 3/4"	15	20	16	CODE	5524H 02	5521H 02	5522H 02	5523H 02
1/2" x 7/8"	15	20	16		5524H 03	5521H 03	5522H 03	5523H 03
3/4" x 3/4"	15	20	16		5524H 04	5521H 04	5522H 04	5523H 04
3/4" x 7/8"	15	20	16		5524H 05	5521H 05	5522H 05	5523H 05
3/4" x 1"	20	20	16		5524H 06	5521H 06	5522H 06	5523H 06
1" x 1"	20	20	16		5524H 07	5521H 07	5522H 07	5523H 07
1" x 1 1/4"	25	20	16		5524H 08	5521H 08	5522H 08	5523H 08



 **PE / DADO MOBILE** - Valvola a sfera con filtro inox a Y e con sistema antifrode

 **PE / SWIVEL NUT** - Ball valves with "Y" stainless steel filter inline, anti-theft handle, yellow brass

ART. 5544

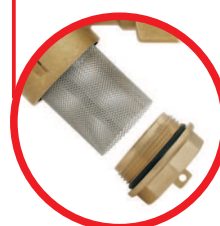
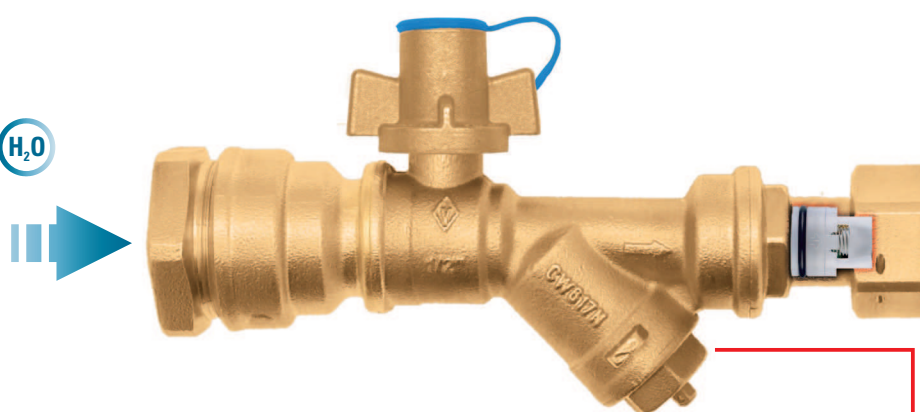


MISURE/SIZE	DN	PN		5544	5541	5542	5543
25 mm x 3/4"	15	20	CODE	5544 02	5541 02	5542 02	5543 02
25 mm x 7/8"	15	20		5544 03	5541 03	5542 03	5543 03
25 mm x 1"	20	20		5544 04	5541 04	5542 04	5543 04
32 mm x 3/4"	20	20		5544 05	5541 05	5542 05	5543 05
32 mm x 1"	20	20		5544 06	5541 06	5542 06	5543 06
32 mm x 1 1/4"	25	20		5544 07	5541 07	5542 07	5543 07

 **PE / DADO MOBILE** - Valvola a sfera con filtro inox a Y, con sistema antifrode e valvola di ritegno in entrata

 **PE / SWIVEL NUT** - Ball valves with "Y" stainless steel filter inline, anti-theft handle, yellow brass, non-return valve on inlet

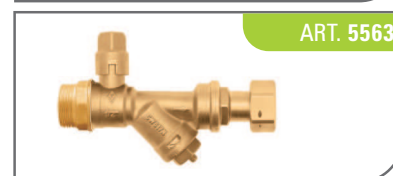
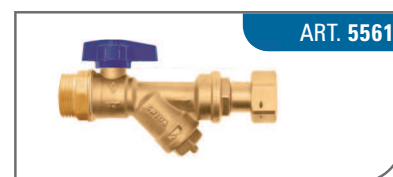
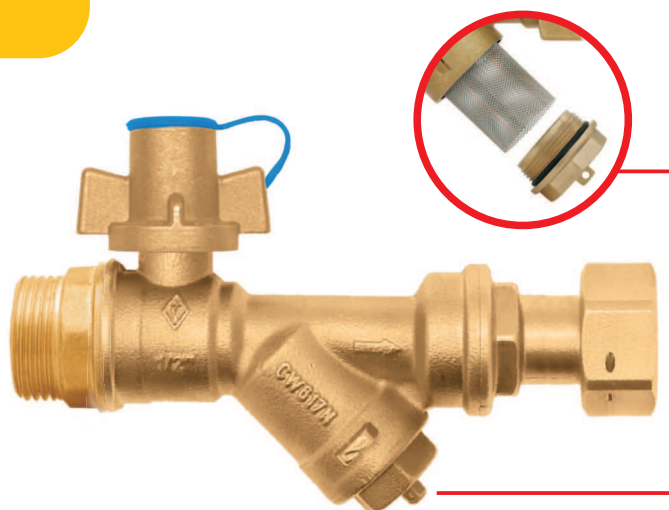
ART. 5544H



MISURE/SIZE	DN	PN	PN CHEK		5544H	5541H	5542H	5543H
25 mm x 3/4"	15	20	16	CODE	5544H 02	5541H 02	5542H 02	5543H 02
25 mm x 7/8"	15	20	16		5544H 03	5541H 03	5542H 03	5543H 03
25 mm x 1"	20	20	16		5544H 04	5541H 04	5542H 04	5543H 04
32 mm x 3/4"	20	20	16		5544H 05	5541H 05	5542H 05	5543H 05
32 mm x 1"	20	20	16		5544H 06	5541H 06	5542H 06	5543H 06
32 mm x 1 1/4"	25	20	16		5544H 07	5541H 07	5542H 07	5543H 07

 **RAME A COMPRESSIONE / DADO MOBILE** - Valvola a sfera con filtro inox a Y e con sistema antifrode
 **COPPER COMPRESSION / SWIVEL NUT** - Ball valves with "Y" stainless steel filter inline, anti-theft handle, yellow brass

ART. 5564



ART. 4120

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS



ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS



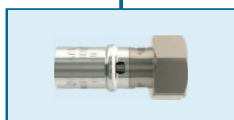
ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS



ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS



ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS



ART. 4105

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS

MISURA / SIZE	MISURA / SIZE
Ø 10 x 1/2"	Ø 14 x 3/4"
Ø 10 x 3/4"	Ø 15 x 1/2"
Ø 12 x 1/2"	Ø 15 x 3/4"
Ø 12 x 3/4"	Ø 16 x 3/4"
Ø 14 x 1/2"	Ø 18 x 3/4"

MISURA / SIZE
Ø 10
Ø 12
Ø 14
Ø 15

MISURA / SIZE	MISURA / SIZE
Ø 12 SP 2 x 1/2"	Ø 16 SP 2 x 3/4"
Ø 12 SP 2 x 3/4"	Ø 17 SP 2 x 3/4"
Ø 14 SP 2 x 1/2"	Ø 18 SP 2 x 3/4"
Ø 14 SP 2 x 3/4"	

MISURA / SIZE	MISURA / SIZE
Ø 14 SP 2 x 1/2"	Ø 17 SP 2 x 3/4"
Ø 14 SP 2 x 3/4"	Ø 18 SP 2 x 3/4"
Ø 16 SP 2 x 1/2"	Ø 20 SP 2 x 3/4"
Ø 16 SP 2 x 3/4"	

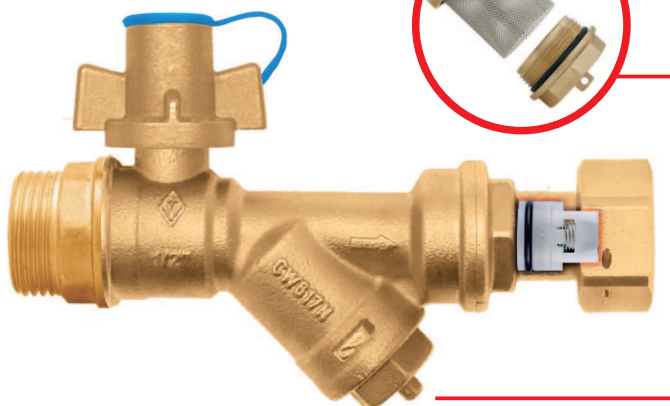
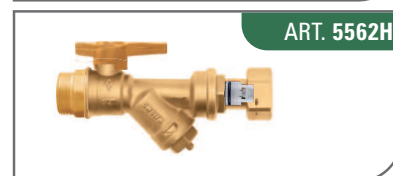
MISURA / SIZE	MISURA / SIZE
Ø 16 SP 2 x 1/2"	Ø 20 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"	Ø 20 SP 2 x 3/4"
Ø 18 SP 2 x 1/2"	
Ø 18 SP 2 x 3/4"	

MISURA / SIZE
Ø 16 SP 2.2
Ø 16 SP 2.7
Ø 20 SP 2.8
Ø 20 SP 3.4

MISURE / SIZE	DN	PN	CODE	5564	5561	5562	5563
1/2" x 3/4"	15	25		5564 02	5561 02	5562 02	5563 02
3/4" x 3/4"	15	25		5564 03	5561 03	5562 03	5563 03

 **RAME A COMPRESSIONE / DADO MOBILE** - Valvola a sfera con filtro inox a Y con sistema antifrode e con valvola di ritegno in entrata

 **COPPER COMPRESSION / SWIVEL NUT** - Ball valves with "Y" stainless steel filter inline, anti-theft handle, yellow brass, non-return valve on inlet

ART. 5564H**ART. 5561H****ART. 5562H****ART. 5563H****ART. 4120**

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS

**ART. 4125**

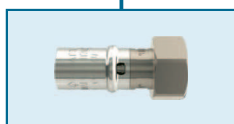
RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS

**ART. 4110**

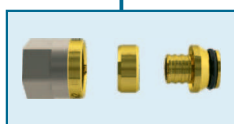
PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS

**ART. 4100**

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS

**ART. 4405**

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS

**ART. 4105**

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS

MISURA / SIZE	MISURA / SIZE
Ø 10 x 1/2"	Ø 14 x 3/4"
Ø 10 x 3/4"	Ø 15 x 1/2"
Ø 12 x 1/2"	Ø 15 x 3/4"
Ø 12 x 3/4"	Ø 16 x 3/4"
Ø 14 x 1/2"	Ø 18 x 3/4"

MISURA / SIZE
Ø 10
Ø 12
Ø 14
Ø 15

MISURA / SIZE	MISURA / SIZE
Ø 12 SP 2 x 1/2"	Ø 16 SP 2 x 3/4"
Ø 12 SP 2 x 3/4"	Ø 17 SP 2 x 3/4"
Ø 14 SP 2 x 1/2"	Ø 18 SP 2 x 3/4"
Ø 14 SP 2 x 3/4"	

MISURA / SIZE	MISURA / SIZE
Ø 14 SP 2 x 1/2"	Ø 17 SP 2 x 3/4"
Ø 14 SP 2 x 3/4"	Ø 18 SP 2 x 3/4"
Ø 16 SP 2 x 1/2"	Ø 20 SP 2 x 3/4"
Ø 16 SP 2 x 3/4"	

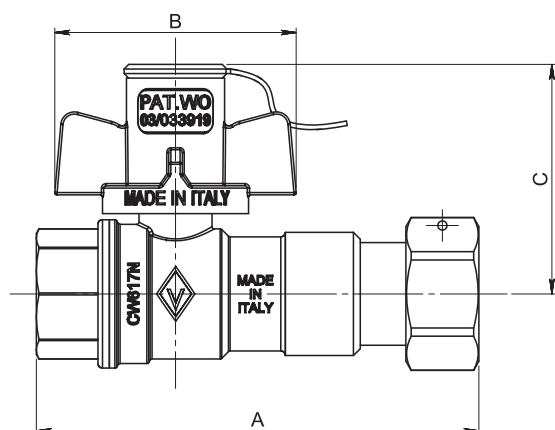
MISURA / SIZE	MISURA / SIZE
Ø 16 SP 2 x 1/2"	Ø 20 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"	Ø 20 SP 2 x 3/4"
Ø 18 SP 2 x 1/2"	
Ø 18 SP 2 x 3/4"	

MISURA / SIZE
Ø 16 SP 2.2
Ø 16 SP 2.7
Ø 20 SP 2.8
Ø 20 SP 3.4

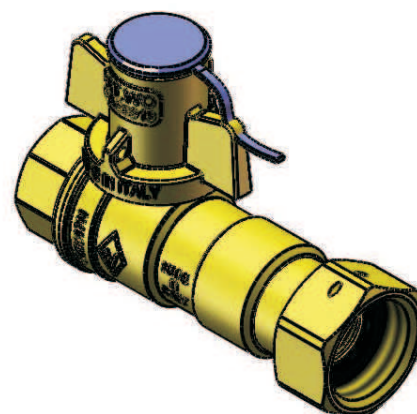
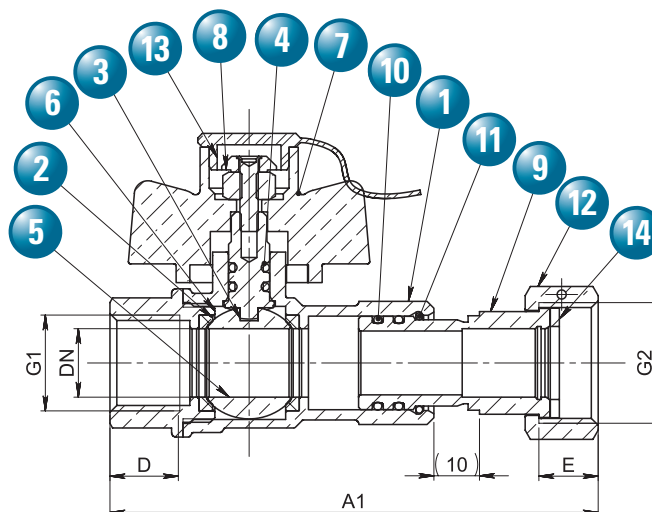
MISURE / SIZE	DN	PN	CODE	5564H	5561H	5562H	5563H
1/2" x 3/4"	15	25		5564H 02	5561H 02	5562H 02	5563H 02
3/4" x 3/4"	15	25		5564H 03	5561H 03	5562H 03	5563H 03



VALVOLE A SFERA DIRITTE CON ESTENSIBILE ED ATTACCO ZANCA



STRAIGHT BALL VALVES WITH TELESCOPIC EXTENSION AND FRAME CLAMP

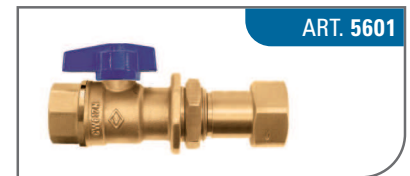
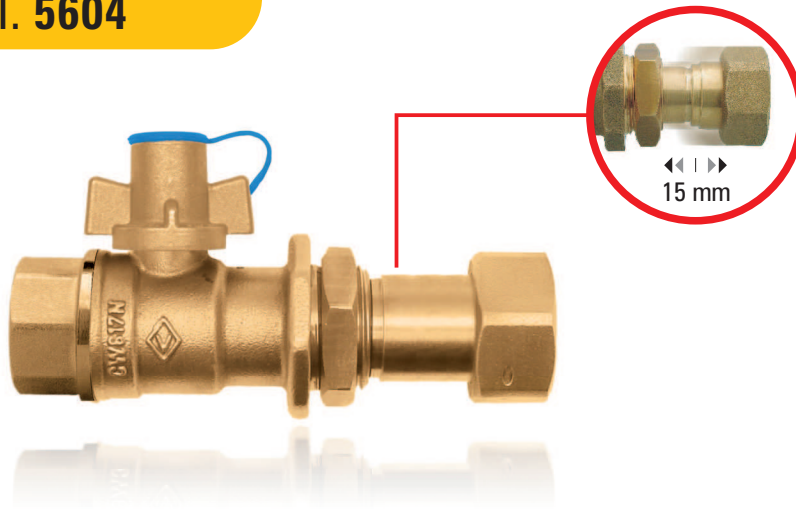


DN	G1	G2	A	B	C	D	E	PN
15	1/2"	3/4"	92	48	48	15	13	40
20	3/4"	1"	103	48	51	16.3	15	40
25	1"	1 1/4"	120	48	62	19	19	40

N.	Denominazione	Part name	Materiale	Trattamento	Qty.
1	Corpo	Body	CW617N	-	1
2	Sede sfera	Ball seat	PTFE	-	2
3	Perno	Stem	CW614N	-	1
4	O-Ring	O-Ring	NBR70Sh	-	2
5	Sfera	Ball	CW617N	Ni + Cr	1
6	Manicotto	Coupling	CW617N	-	1
7	Farfalla antifrode	Anti-theft T-handle	CW617N	-	1
8	Vite antifrode	Anti-theft screw	UNI 5725	-	1
9	Estensibile	Telescopic	CW614N	-	1
10	O-Ring	O-Ring	EPDM 70 Sh	Approv. KTW	2
11	Anello elastico	External ring	AISI 302	-	1
12	Dado mobile	Swivel nut	CW617N	-	1
13	Tappo	Cup	Politene	-	1
14	Guarnizione	Seal	NBR70Sh	-	1

  **FEMMINA / DADO MOBILE** - Valvola a sfera in ottone, telescopica, con sistema antifrode e attacco zanca
 **FEMALE / SWIVEL NUT** - Ball valve with anti-theft handle, telescopic extension and frame clamp, yellow brass

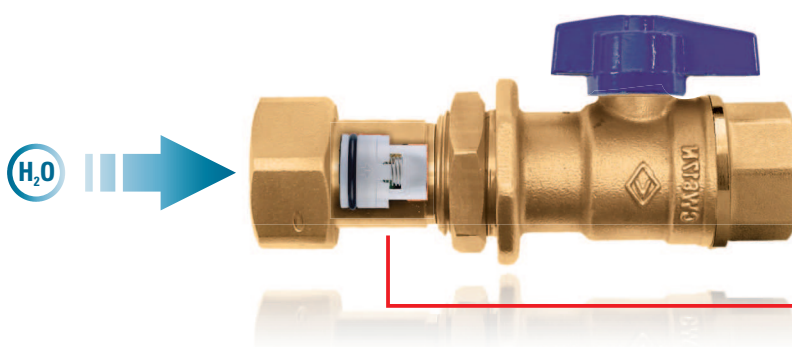
ART. 5604



MISURE / SIZE	DN	PN		5604	5601	5602	5603
1/2" x 3/4"	15	40	CODE	5604 02	5601 02	5602 02	5603 02
1/2" x 7/8"	15	40		5604 03	5601 03	5602 03	5603 03
3/4" x 3/4"	15	40		5604 04	5601 04	5602 04	5603 04
3/4" x 7/8"	15	40		5604 05	5601 05	5602 05	5603 05
3/4" x 1"	20	40		5604 06	5601 06	5602 06	5603 06
1" x 1"	20	40		5604 07	5601 07	5602 07	5603 07
1" x 1 1/4"	25	40		5604 08	5601 08	5602 08	5603 08

  **FEMMINA / DADO MOBILE** - Valvola a sfera in ottone, telescopica, con valvola di ritegno in uscita e attacco zanca
 **FEMALE / SWIVEL NUT** - Ball valve with telescopic extension, frame clamp, yellow brass, non-return valve on outlet

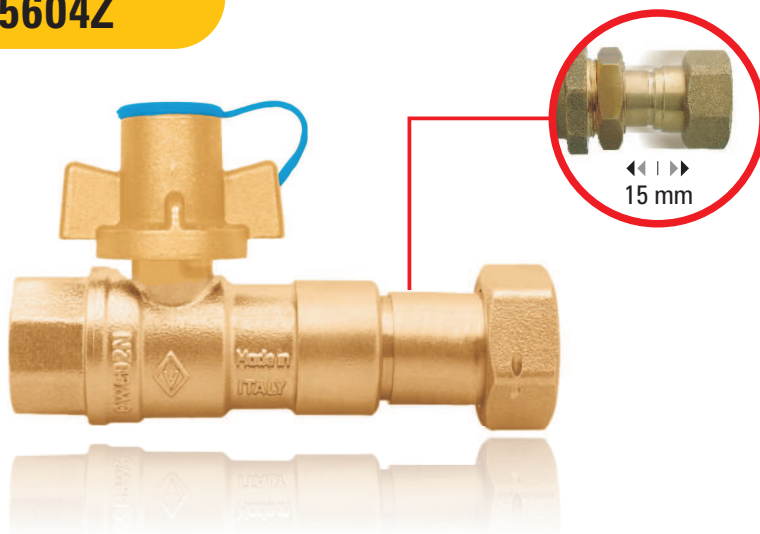
ART. 5607



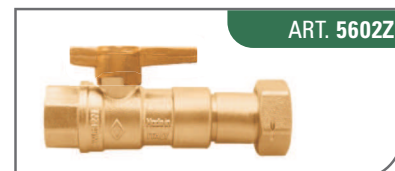
MISURE / SIZE	DN	PN	PN CHECK		5607	5608
1/2" x 3/4"	15	40	16	CODE	5607 02	5608 02
1/2" x 7/8"	15	40	16		5607 03	5608 03
3/4" x 3/4"	15	40	16		5607 04	5608 04
3/4" x 7/8"	15	40	16		5607 05	5608 05
3/4" x 1"	20	40	16		5607 06	5608 06
1" x 1"	20	40	16		5607 07	5608 07
1" x 1 1/4"	25	40	16		5607 08	5608 08

 **FEMMINA / DADO MOBILE** - Valvola a sfera in ottone, telescopica, con sistema antifrode
 **FEMALE / SWIVEL NUT** - Ball valve with anti-theft handle, telescopic extension, yellow brass

ART. 5604Z

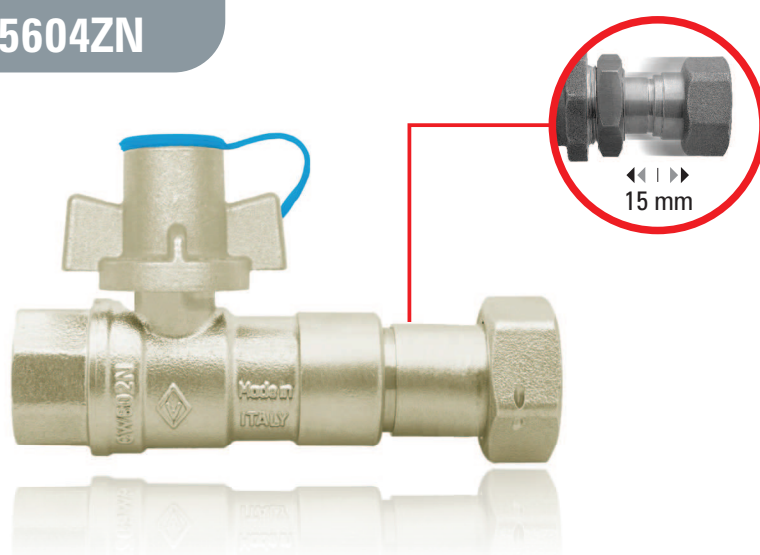


MISURE/SIZE	DN	PN		5604Z	5601Z	5602Z	5603Z	5605Z
1/2" x 3/4"	15	40	CODE	5604Z 02	5601Z 02	5602Z 02	5603Z 02	5605Z 02
3/4" x 3/4"	15	40		5604Z 03	5601Z 03	5602Z 03	5603Z 03	5605Z 03
3/4" x 1"	20	40		5604Z 04	5601Z 04	5602Z 04	5603Z 04	5605Z 04
1" x 1"	20	40		5604Z 05	5601Z 05	5602Z 05	5603Z 05	5605Z 05
1" x 1 1/4"	25	40		5604Z 06	5601Z 06	5602Z 06	5603Z 06	5605Z 06



 **FEMMINA / DADO MOBILE** - Valvola a sfera in ottone nichelato, telescopica, con sistema antifrode
 **FEMALE / SWIVEL NUT** - Ball valve with anti-theft handle, telescopic extension, nickel-plated brass

ART. 5604ZN

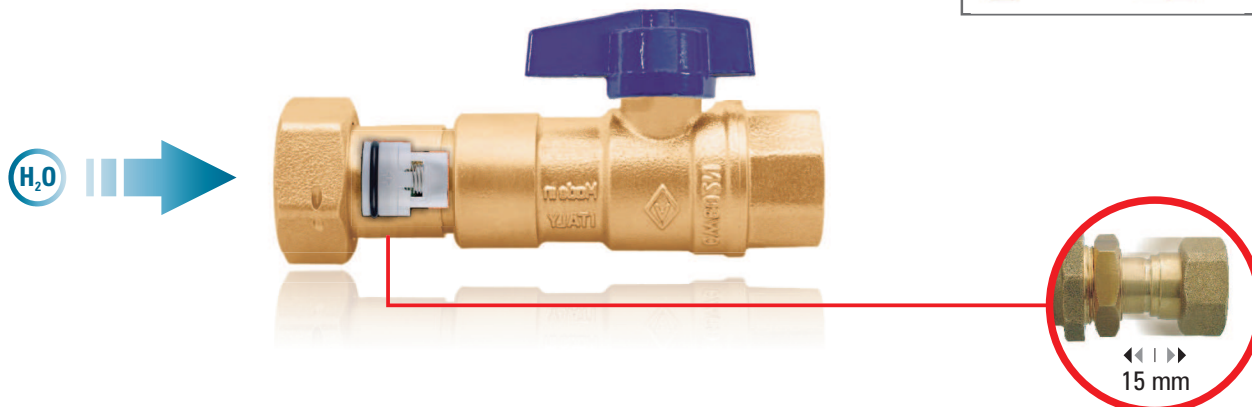


MISURE/SIZE	DN	PN		5604ZN	5601ZN	5602ZN	5603ZN	5605ZN
1/2" x 3/4"	15	40	CODE	5604ZN 02	5601ZN 02	5602ZN 02	5603ZN 02	5605ZN 02
3/4" x 3/4"	15	40		5604ZN 03	5601ZN 03	5602ZN 03	5603ZN 03	5605ZN 03
3/4" x 1"	20	40		5604ZN 04	5601ZN 04	5602ZN 04	5603ZN 04	5605ZN 04
1" x 1"	20	40		5604ZN 05	5601ZN 05	5602ZN 05	5603ZN 05	5605ZN 05
1" x 1 1/4"	25	40		5604ZN 06	5601ZN 06	5602ZN 06	5603ZN 06	5605ZN 06



  **FEMMINA / DADO MOBILE** - Valvola a sfera in ottone, telescopica con valvola di ritegno in uscita

 **FEMALE / SWIVEL NUT** - Ball valve with telescopic extension, yellow brass, non-return valve on outlet

ART. 5607Z


MISURE/SIZE	DN	PN	PN CHECK	CODE	5607Z	5608Z
1/2" x 3/4"	15	40	16		5607Z 02	5608Z 02
3/4" x 3/4"	15	40	16		5607Z 03	5608Z 03
3/4" x 1"	20	40	16		5607Z 04	5608Z 04
1" x 1"	20	40	16		5607Z 05	5608Z 05
1" x 1 1/4"	25	40	16		5607Z 06	5608Z 06

  **FEMMINA / DADO MOBILE** - Valvola a sfera in ottone nichelato, telescopica con valvola di ritegno in uscita

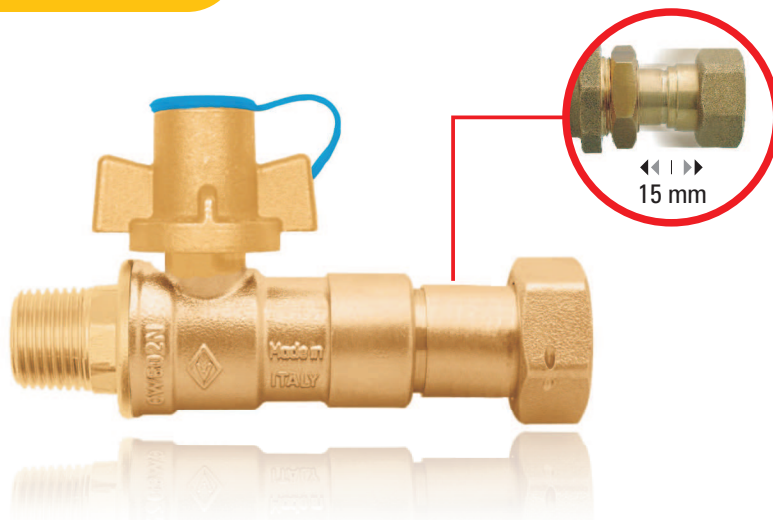
 **FEMALE / SWIVEL NUT** - Ball valve with telescopic extension, nickel-plated brass, non-return valve on outlet

ART. 5607ZN


MISURE/SIZE	DN	PN	PN CHECK	CODE	5607ZN	5608ZN
1/2" x 3/4"	15	40	16		5607ZN 02	5608ZN 02
3/4" x 3/4"	15	40	16		5607ZN 03	5608ZN 03
3/4" x 1"	20	40	16		5607ZN 04	5608ZN 04
1" x 1"	20	40	16		5607ZN 05	5608ZN 05
1" x 1 1/4"	25	40	16		5607ZN 06	5608ZN 06

 **MASCHIO / DADO MOBILE** - Valvola a sfera in ottone, telescopica, con sistema antifrode
 **MALE / SWIVEL NUT** - Ball valve with anti-theft handle, telescopic extension, yellow brass

ART. 5624Z

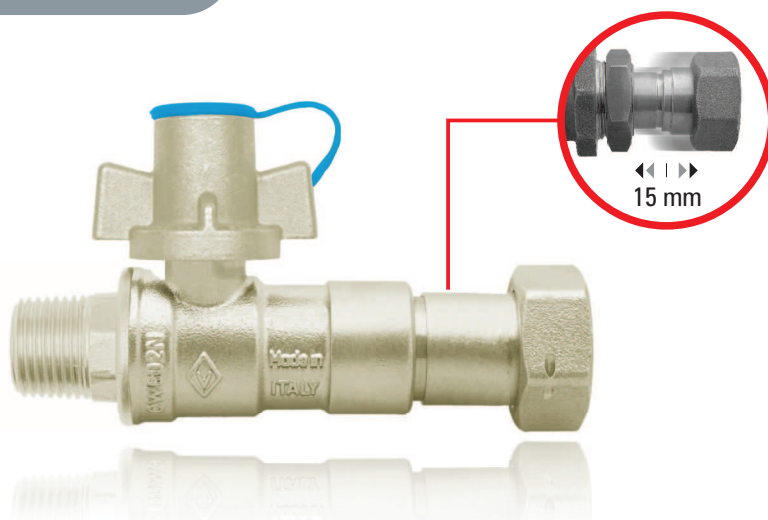


MISURE/SIZE	DN	PN		5624Z	5621Z	5622Z	5623Z	5625Z
1/2" x 3/4"	15	40	CODE	5624Z 02	5621Z 02	5622Z 02	5623Z 02	5625Z 02
3/4" x 3/4"	15	40		5624Z 03	5621Z 03	5622Z 03	5623Z 03	5625Z 03
3/4" x 1"	20	40		5624Z 04	5621Z 04	5622Z 04	5623Z 04	5625Z 04
1" x 1"	20	40		5624Z 05	5621Z 05	5622Z 05	5623Z 05	5625Z 05
1" x 1 1/4"	25	40		5624Z 06	5621Z 06	5622Z 06	5623Z 06	5625Z 06



 **MASCHIO / DADO MOBILE** - Valvola a sfera in ottone nichelato, telescopica, con sistema antifrode
 **MALE / SWIVEL NUT** - Ball valve with anti-theft handle, telescopic extension, nickel-plated brass

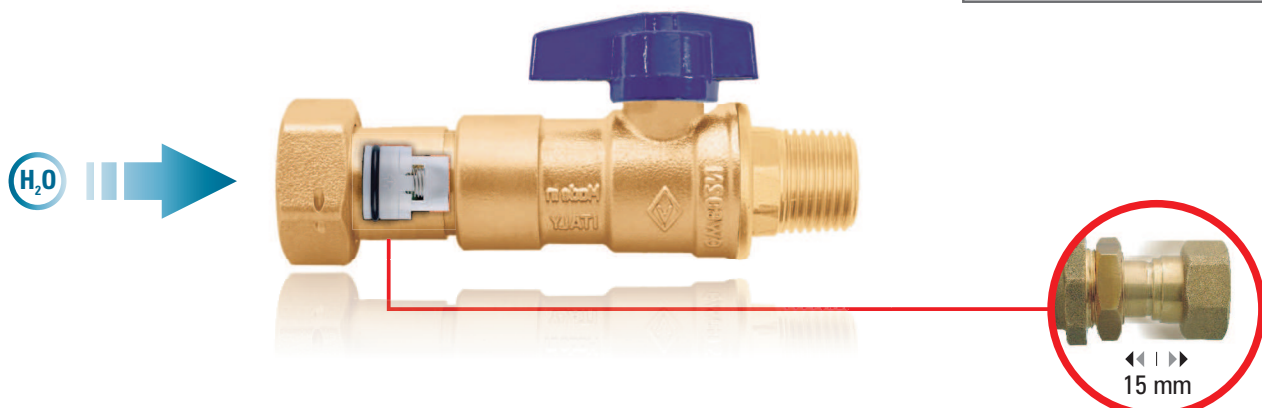
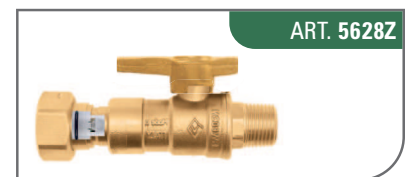
ART. 5624ZN



MISURE/SIZE	DN	PN		5624ZN	5621ZN	5622ZN	5623ZN	5625ZN
1/2" x 3/4"	15	40	CODE	5624ZN 02	5621ZN 02	5622ZN 02	5623ZN 02	5625ZN 02
3/4" x 3/4"	15	40		5624ZN 03	5621ZN 03	5622ZN 03	5623ZN 03	5625ZN 03
3/4" x 1"	20	40		5624ZN 04	5621ZN 04	5622ZN 04	5623ZN 04	5625ZN 04
1" x 1"	20	40		5624ZN 05	5621ZN 05	5622ZN 05	5623ZN 05	5625ZN 05
1" x 1 1/4"	25	40		5624ZN 06	5621ZN 06	5622ZN 06	5623ZN 06	5625ZN 06

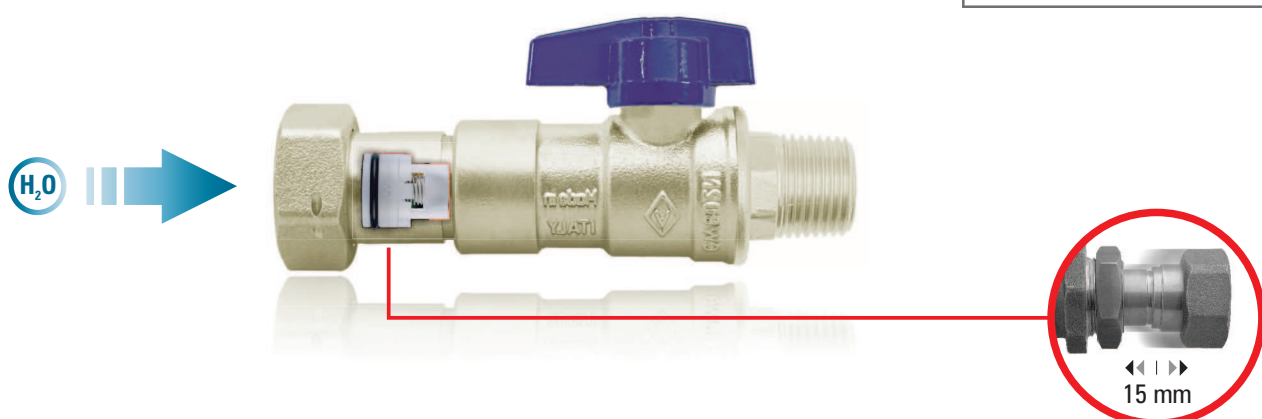
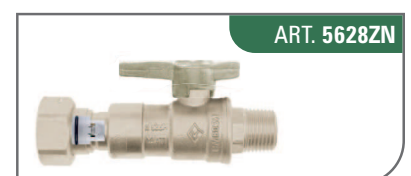


  **MASCHIO / DADO MOBILE** - Valvola a sfera in ottone, telescopica, con valvola di ritegno in uscita
 **MALE / SWIVEL NUT** - Ball valve with telescopic extension, yellow brass, non-return valve on outlet

ART. 5627Z

MISURE/SIZE	DN	PN	PN CHECK	CODE	5627Z	5628Z
1/2" x 3/4"	15	40	16		5627Z 02	5628Z 02
3/4" x 3/4"	15	40	16		5627Z 03	5628Z 03
3/4" x 1"	20	40	16		5627Z 04	5628Z 04
1" x 1"	20	40	16		5627Z 05	5628Z 05
1" x 1 1/4"	25	40	16		5627Z 06	5628Z 06

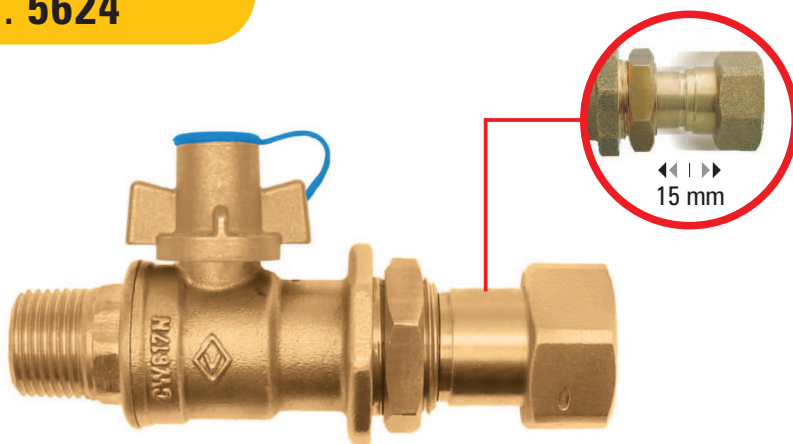
  **MASCHIO / DADO MOBILE** - Valvola a sfera in ottone nichelato, telescopica, con valvola di ritegno in uscita
 **MALE / SWIVEL NUT** - Ball valve with telescopic extension, nickel-plated brass, non-return valve on outlet

ART. 5627ZN

MISURE/SIZE	DN	PN	PN CHECK	CODE	5627ZN	5628ZN
1/2" x 3/4"	15	40	16		5627ZN 02	5628ZN 02
3/4" x 3/4"	15	40	16		5627ZN 03	5628ZN 03
3/4" x 1"	20	40	16		5627ZN 04	5628ZN 04
1" x 1"	20	40	16		5627ZN 05	5628ZN 05
1" x 1 1/4"	25	40	16		5627ZN 06	5628ZN 06

 **MASCHIO / DADO MOBILE** - Valvola a sfera in ottone, telescopica, con sistema antifrode e attacco zanca
 **MALE / SWIVEL NUT** - Ball valve with anti-theft handle, telescopic extension and frame clamp, yellow brass

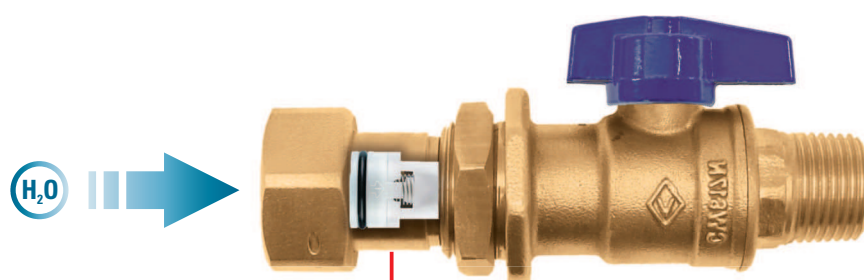
ART. 5624



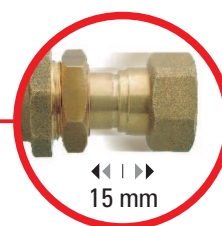
MISURE/SIZE	DN	PN		5624	5621	5622	5623
1/2" x 3/4"	15	40	CODE	5624 02	5621 02	5622 02	5623 02
1/2" x 7/8"	15	40		5624 03	5621 03	5622 03	5623 03
3/4" x 3/4"	15	40		5624 04	5621 04	5622 04	5623 04
3/4" x 7/8"	15	40		5624 05	5621 05	5622 05	5623 05
3/4" x 1"	20	40		5624 06	5621 06	5622 06	5623 06
1" x 1"	20	40		5624 07	5621 07	5622 07	5623 07
1" x 1 1/4"	25	40		5624 08	5621 08	5622 08	5623 08

 **MASCHIO / DADO MOBILE** - Valvola a sfera in ottone, telescopica, con valvola di ritegno in uscita e attacco zanca
 **MALE / SWIVEL NUT** - Ball valve with telescopic extension, frame clamp, yellow brass, non-return valve on outlet

ART. 5627



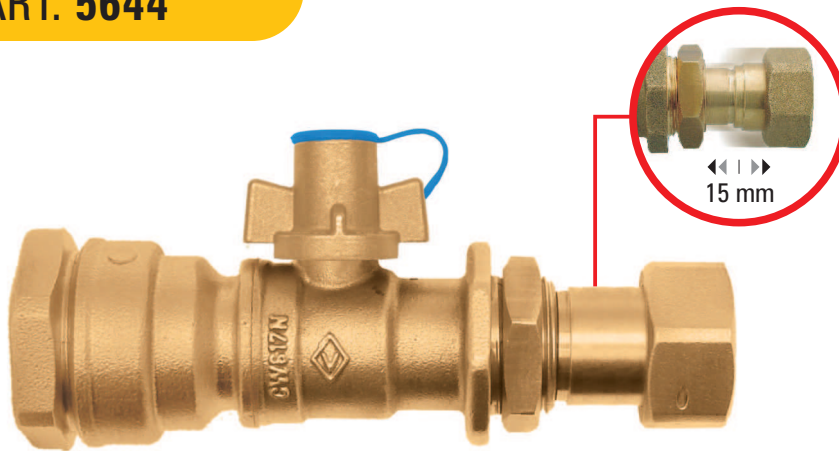
MISURE/SIZE	DN	PN	PN CHECK		5627	5628
1/2" x 3/4"	15	40	16	CODE	5627 02	5628 02
1/2" x 7/8"	15	40	16		5627 03	5628 03
3/4" x 3/4"	15	40	16		5627 04	5628 04
3/4" x 7/8"	15	40	16		5627 05	5628 05
3/4" x 1"	20	40	16		5627 06	5628 06
1" x 1"	20	40	16		5627 07	5628 07
1" x 1 1/4"	25	40	16		5627 08	5628 08



 **PE / DADO MOBILE** - Valvola a sfera in ottone, telescopica, con sistema antifrode e attacco zanca

 **PE / SWIVEL NUT** - Ball valve with anti-theft handle, telescopic extension and frame clamp, yellow brass

ART. 5644

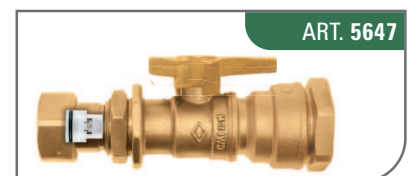
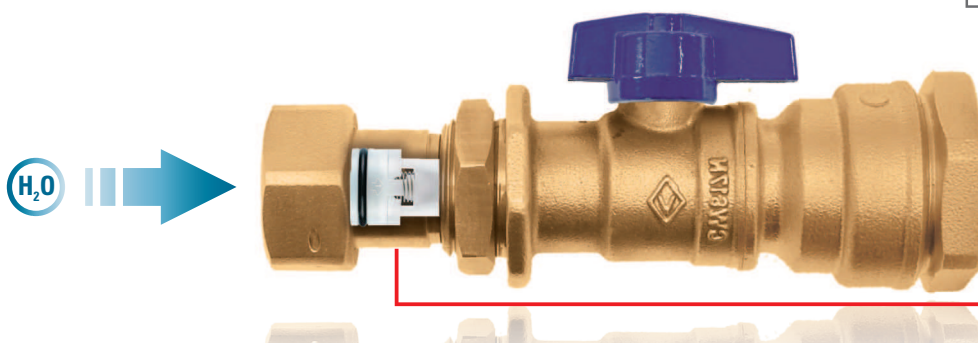


MISURE / SIZE	DN	PN		5644	5641	5642	5643
20 mm x 3/4"	15	40	CODE	5644 02	5641 02	5642 02	5643 02
20 mm x 7/8"	15	40		5644 03	5641 03	5642 03	5643 03
25 mm x 3/4"	15	40		5644 04	5641 04	5642 04	5643 04
25 mm x 7/8"	15	40		5644 05	5641 05	5642 05	5643 05
25 mm x 1"	20	40		5644 06	5641 06	5642 06	5643 06
32 mm x 3/4"	20	40		5644 07	5641 07	5642 07	5643 07
32 mm x 1"	20	40		5644 08	5641 08	5642 08	5643 08
32 mm x 1 1/4"	25	40		5644 09	5641 09	5642 09	5643 09

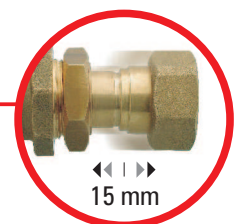
 **PE / DADO MOBILE** - Valvola a sfera in ottone, telescopica, con valvola di ritegno in uscita e attacco zanca

 **PE / SWIVEL NUT** - Ball valve with telescopic extension, frame clamp, yellow brass, non-return valve on outlet

ART. 5646

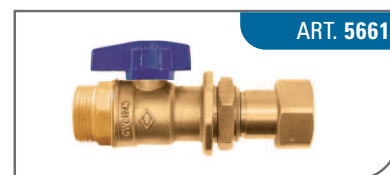
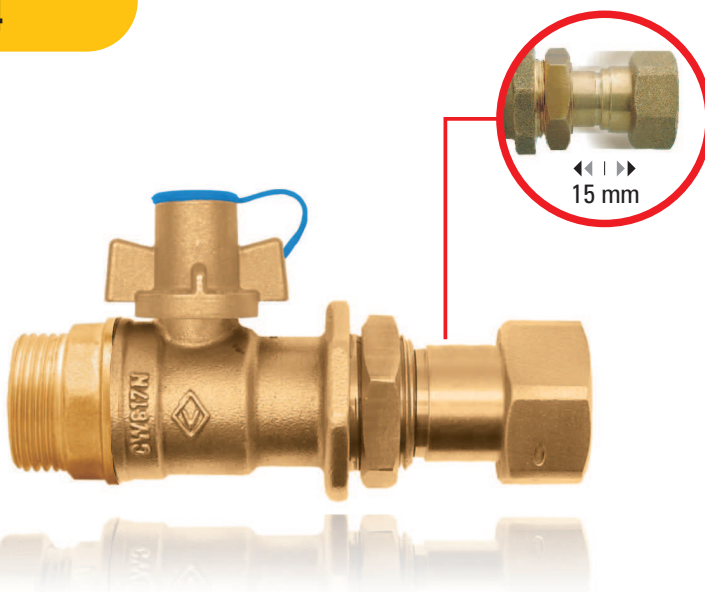


MISURE / SIZE	DN	PN	PN CHECK		5646	5647
20 mm x 3/4"	15	40	16	CODE	5646 02	5647 02
20 mm x 7/8"	15	40	16		5646 03	5647 03
25 mm x 3/4"	15	40	16		5646 04	5647 04
25 mm x 7/8"	15	40	16		5646 05	5647 05
25 mm x 1"	20	40	16		5646 06	5647 06
32 mm x 3/4"	20	40	16		5646 07	5647 07
32 mm x 1"	20	40	16		5646 08	5647 08
32 mm X 1 1/4"	25	40	16		5646 09	5647 09

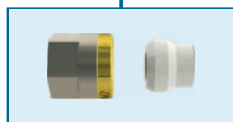


 **RAME A COMPRESSIONE / DADO MOBILE** - Valvola a sfera in ottone, telescopica, con sistema antifrode e attacco zanca
 **COPPER COMPRESSION / SWIVEL NUT** - Ball valve with anti-theft handle, telescopic extension and frame clamp, yellow brass

ART. 5664



ART. 4120

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS

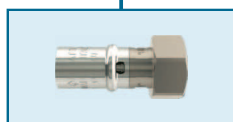
ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS

ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS

ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS

ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS

ART. 4105

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS

MISURA / SIZE	MISURA / SIZE
Ø 10 x 1/2"	Ø 14 x 3/4"
Ø 10 x 3/4"	Ø 15 x 1/2"
Ø 12 x 1/2"	Ø 15 x 3/4"
Ø 12 x 3/4"	Ø 16 x 3/4"
Ø 14 x 1/2"	Ø 18 x 3/4"

MISURA / SIZE
Ø 10
Ø 12
Ø 14
Ø 15

MISURA / SIZE	MISURA / SIZE
Ø 12 SP 2 x 1/2"	Ø 16 SP 2 x 3/4"
Ø 12 SP 2 x 3/4"	Ø 17 SP 2 x 3/4"
Ø 14 SP 2 x 1/2"	Ø 18 SP 2 x 3/4"
Ø 14 SP 2 x 3/4"	

MISURA / SIZE	MISURA / SIZE
Ø 14 SP 2 x 1/2"	Ø 17 SP 2 x 3/4"
Ø 14 SP 2 x 3/4"	Ø 18 SP 2 x 3/4"
Ø 16 SP 2 x 1/2"	Ø 20 SP 2 x 3/4"
Ø 16 SP 2 x 3/4"	

MISURA / SIZE	MISURA / SIZE
Ø 16 SP 2 x 1/2"	Ø 20 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"	Ø 20 SP 2 x 3/4"
Ø 18 SP 2 x 1/2"	
Ø 18 SP 2 x 3/4"	

MISURA / SIZE
Ø 16 SP 2.2
Ø 16 SP 2.7
Ø 20 SP 2.8
Ø 20 SP 3.4

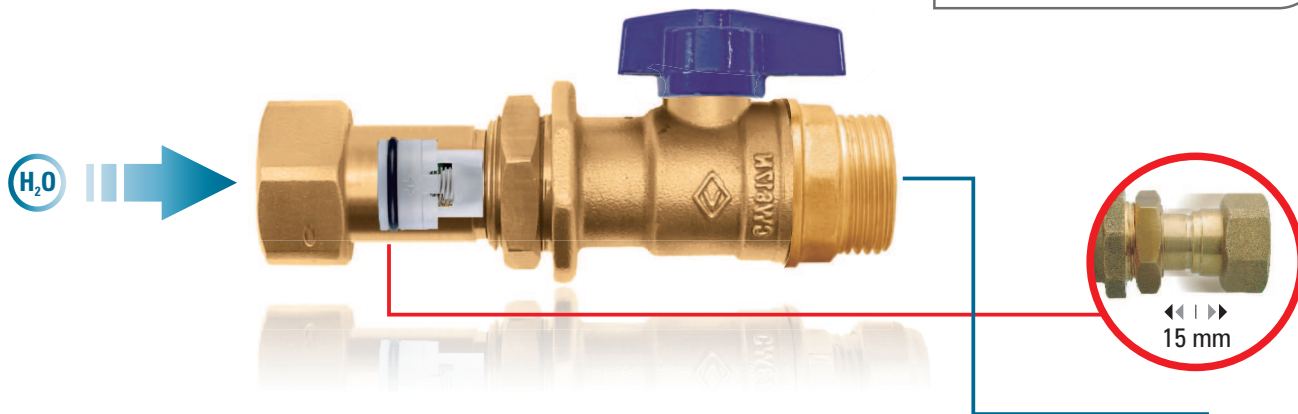
MISURE / SIZE	DN	PN	CODE	5664	5661	5662	5663
1/2" x 3/4"	15	25		5664 02	5661 02	5662 02	5663 02
3/4" x 3/4"	15	25		5664 03	5661 03	5662 03	5663 03

 **RAME A COMPRESSIONE / DADO MOBILE** - Valvola a sfera in ottone, telescopica, con valvola di ritegno in uscita e attacco zanca
 **COPPER COMPRESSION / SWIVEL NUT** - Ball valve with telescopic extension, frame clamp, yellow brass, non-return valve on outlet

ART. 5666



ART. 5667



ART. 4120

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS

MISURA / SIZE
Ø 10 x 1/2"
Ø 10 x 3/4"
Ø 12 x 1/2"
Ø 12 x 3/4"
Ø 14 x 1/2"

MISURA / SIZE
Ø 14 x 3/4"
Ø 15 x 1/2"
Ø 15 x 3/4"
Ø 16 x 3/4"
Ø 18 x 3/4"



ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS

MISURA / SIZE
Ø 10
Ø 12
Ø 14
Ø 15



ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS

MISURA / SIZE
Ø 12 SP 2 x 1/2"
Ø 12 SP 2 x 3/4"
Ø 14 SP 2 x 1/2"
Ø 14 SP 2 x 3/4"

MISURA / SIZE
Ø 16 SP 2 x 3/4"
Ø 17 SP 2 x 3/4"
Ø 18 SP 2 x 3/4"



ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS

MISURA / SIZE
Ø 14 SP 2 x 1/2"
Ø 14 SP 2 x 3/4"
Ø 16 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"

MISURA / SIZE
Ø 17 SP 2 x 3/4"
Ø 18 SP 2 x 3/4"
Ø 20 SP 2 x 3/4"

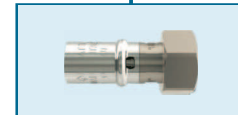


ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS

MISURA / SIZE
Ø 16 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"
Ø 18 SP 2 x 1/2"
Ø 18 SP 2 x 3/4"

MISURA / SIZE
Ø 20 SP 2 x 1/2"
Ø 20 SP 2 x 3/4"



ART. 4105

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS

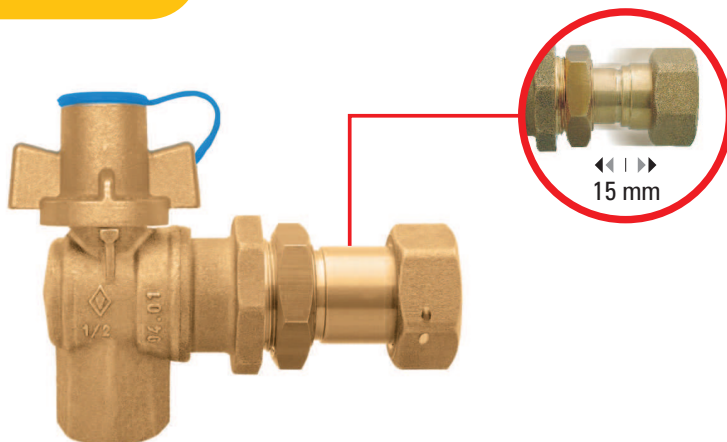
MISURA / SIZE
Ø 16 SP 2.2
Ø 16 SP 2.7
Ø 20 SP 2.8
Ø 20 SP 3.4



MISURE / SIZE	DN	PN	CODE	5666	5667
1/2" x 3/4"	15	25		5666 02	5667 02
3/4" x 3/4"	15	25		5666 03	5667 03

  **FEMMINA / DADO MOBILE** - Valvola a sfera ad angolo in ottone, telescopica, con sistema antifrode e attacco zanca
 **FEMALE / SWIVEL NUT** - Elbow ball valve with anti-theft handle, telescopic extension and frame clamp, yellow brass

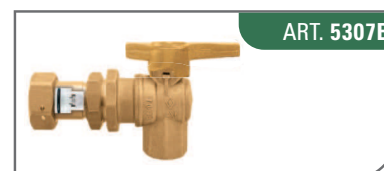
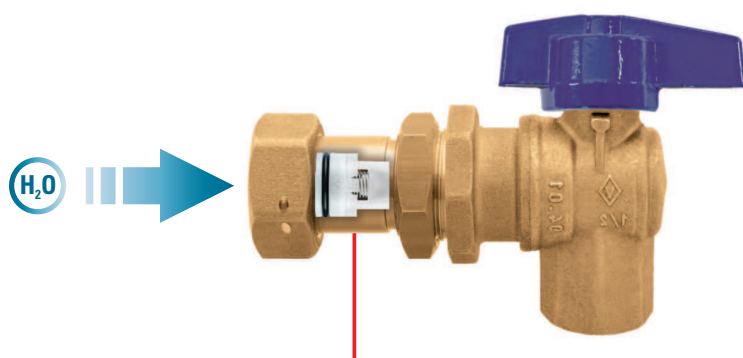
ART. 5304E



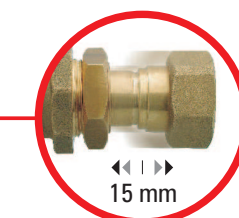
MISURE / SIZE	DN	PN		5304E	5301E	5302E	5303E
1/2" x 3/4"	15	40	CODE	5304E 02	5301E 02	5302E 02	5303E 02
1/2" x 7/8"	15	40		5304E 03	5301E 03	5302E 03	5303E 03
3/4" x 3/4"	15	40		5304E 04	5301E 04	5302E 04	5303E 04
3/4" x 7/8"	15	40		5304E 05	5301E 05	5302E 05	5303E 05
3/4" x 1"	20	40		5304E 06	5301E 06	5302E 06	5303E 06
1" x 1"	20	40		5304E 07	5301E 07	5302E 07	5303E 07
1" x 1 1/4"	25	40		5304E 08	5301E 08	5302E 08	5303E 08

  **FEMMINA / DADO MOBILE** - Valvola a sfera ad angolo in ottone, telescopica, con valvola di ritegno in uscita e attacco zanca
 **FEMALE / SWIVEL NUT** - Elbow ball valve with telescopic extension, frame clamp, yellow brass, non-return valve on outlet

ART. 5306E

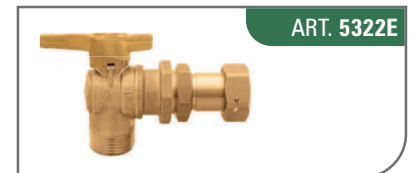
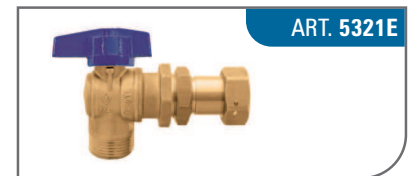
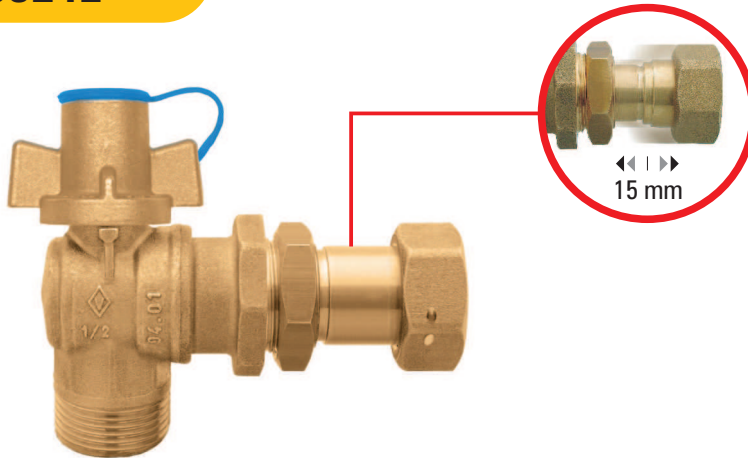


MISURE / SIZE	DN	PN	PN CHECK		5306E	5307E
1/2" x 3/4"	15	40	16	CODE	5306E 02	5307E 02
1/2" x 7/8"	15	40	16		5306E 03	5307E 03
3/4" x 3/4"	15	40	16		5306E 04	5307E 04
3/4" x 7/8"	15	40	16		5306E 05	5307E 05
3/4" x 1"	20	40	16		5306E 06	5307E 06
1" x 1"	20	40	16		5306E 07	5307E 07
1" x 1 1/4"	25	40	16		5306E 08	5307E 08



 **MASCHIO / DADO MOBILE** - Valvola a sfera ad angolo in ottone, telescopica, con sistema antifrode e attacco zanca
 **MALE / SWIVEL NUT** - Elbow ball valve with anti-theft handle, telescopic extension and frame clamp, yellow brass

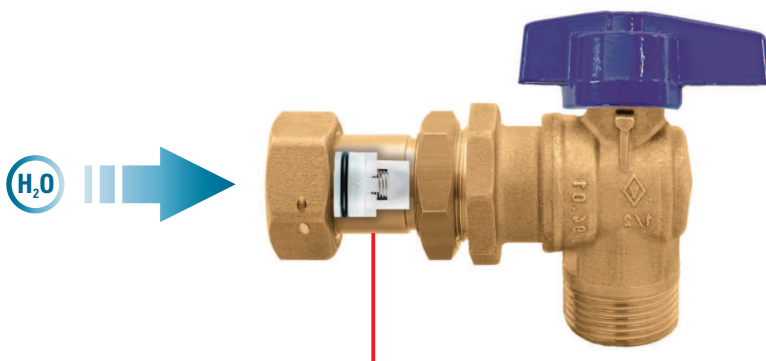
ART. 5324E



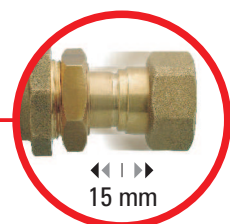
MISURE/SIZE	DN	PN		5324E	5321E	5322E	5323E
1/2" x 3/4"	15	40	CODE	5324E 02	5321E 02	5322E 02	5323E 02
1/2" x 7/8"	15	40		5324E 03	5321E 03	5322E 03	5323E 03
3/4" x 3/4"	15	40		5324E 04	5321E 04	5322E 04	5323E 04
3/4" x 7/8"	15	40		5324E 05	5321E 05	5322E 05	5323E 05
3/4" x 1"	20	40		5324E 06	5321E 06	5322E 06	5323E 06
1" x 1"	20	40		5324E 07	5321E 07	5322E 07	5323E 07
1" x 1 1/4"	25	40		5324E 08	5321E 08	5322E 08	5323E 08

 **MASCHIO / DADO MOBILE** - Valvola a sfera ad angolo in ottone, telescopica, con valvola di ritegno in uscita e attacco zanca
 **MALE / SWIVEL NUT** - Elbow ball valve with telescopic extension, frame clamp, yellow brass, non-return valve on outlet

ART. 5326E

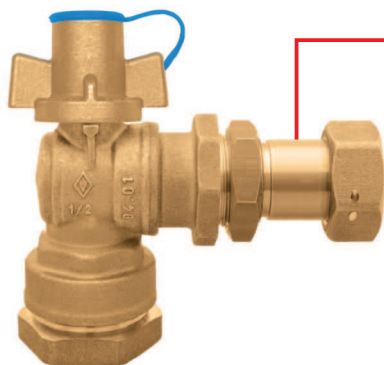


MISURE/SIZE	DN	PN	PN CHECK		5326E	5327E
1/2" x 3/4"	15	40	16	CODE	5326E 02	5327E 02
1/2" x 7/8"	15	40	16		5326E 03	5327E 03
3/4" x 3/4"	15	40	16		5326E 04	5327E 04
3/4" x 7/8"	15	40	16		5326E 05	5327E 05
3/4" x 1"	20	40	16		5326E 06	5327E 06
1" x 1"	20	40	16		5326E 07	5327E 07
1" x 1 1/4"	25	40	16		5326E 08	5327E 08



-   **PE / DADO MOBILE** - Valvola a sfera ad angolo in ottone, telescopica, con sistema antifrode e attacco zanca
-  **PE / SWIVEL NUT** - Elbow ball valve with anti-theft handle, telescopic extension and frame clamp, yellow brass

ART. 5344E



15 mm



ART. 5341E



ART. 5342E



ART. 5343E

MISURE/SIZE	DN	PN		5344E	5341E	5342E	5343E
20 mm x 3/4"	15	40	CODE	5344E 02	5341E 02	5342E 02	5343E 02
20 mm x 7/8"	15	40		5344E 03	5341E 03	5342E 03	5343E 03
25 mm x 3/4"	15	40		5344E 04	5341E 04	5342E 04	5343E 04
25 mm x 7/8"	15	40		5344E 05	5341E 05	5342E 05	5343E 05
25 mm x 1"	20	40		5344E 06	5341E 06	5342E 06	5343E 06
32 mm x 3/4"	20	40		5344E 07	5341E 07	5342E 07	5343E 07
32 mm x 1"	25	40		5344E 08	5341E 08	5342E 08	5343E 08
32 mm x 1 1/4"	25	40		5344E 09	5341E 09	5342E 09	5343E 09

-   **PE / DADO MOBILE** - Valvola a sfera ad angolo in ottone, telescopica, con valvola di ritegno in uscita e attacco zanca
-  **PE / SWIVEL NUT** - Elbow ball valve with telescopic extension, frame clamp, yellow brass, non-return valve on outlet

ART. 5346E



H₂O



15 mm

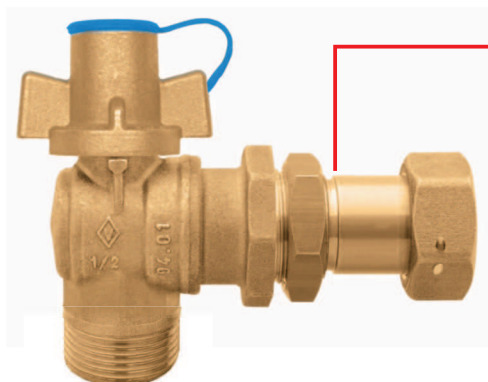


ART. 5347E

MISURE/SIZE	DN	PN	PN CHECK		5346E	5347E
20 mm x 3/4"	15	40	16	CODE	5346E 02	5347E 02
20 mm x 7/8"	15	40	16		5346E 03	5347E 03
25 mm x 3/4"	15	40	16		5346E 04	5347E 04
25 mm x 7/8"	15	40	16		5346E 05	5347E 05
25 mm x 1"	20	40	16		5346E 06	5347E 06
32 mm x 3/4"	20	40	16		5346E 07	5347E 07
32 mm x 1"	25	40	16		5346E 08	5347E 08
32 mm x 1 1/4"	25	40	16		5346E 09	5347E 09

 **RAME A COMPRESSIONE / DADO MOBILE** - Valvola a sfera ad angolo in ottone, telescopica, con sistema antifrode e attacco zanca
 **COPPER COMPRESSION / SWIVEL NUT** - Elbow ball valve with anti-theft handle, telescopic extension and frame clamp, yellow brass

ART. 5354E



ART. 4120

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS



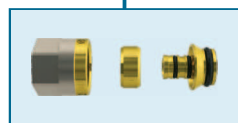
ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS



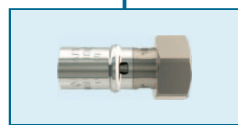
ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS



ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS



ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS



ART. 4105

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS

MISURA / SIZE	MISURA / SIZE
Ø 10 x 1/2"	Ø 14 x 3/4"
Ø 10 x 3/4"	Ø 15 x 1/2"
Ø 12 x 1/2"	Ø 15 x 3/4"
Ø 12 x 3/4"	Ø 16 x 3/4"
Ø 14 x 1/2"	Ø 18 x 3/4"

MISURA / SIZE
Ø 10
Ø 12
Ø 14
Ø 15

MISURA / SIZE	MISURA / SIZE
Ø 12 SP 2 x 1/2"	Ø 16 SP 2 x 3/4"
Ø 12 SP 2 x 3/4"	Ø 17 SP 2 x 3/4"
Ø 14 SP 2 x 1/2"	Ø 18 SP 2 x 3/4"
Ø 14 SP 2 x 3/4"	

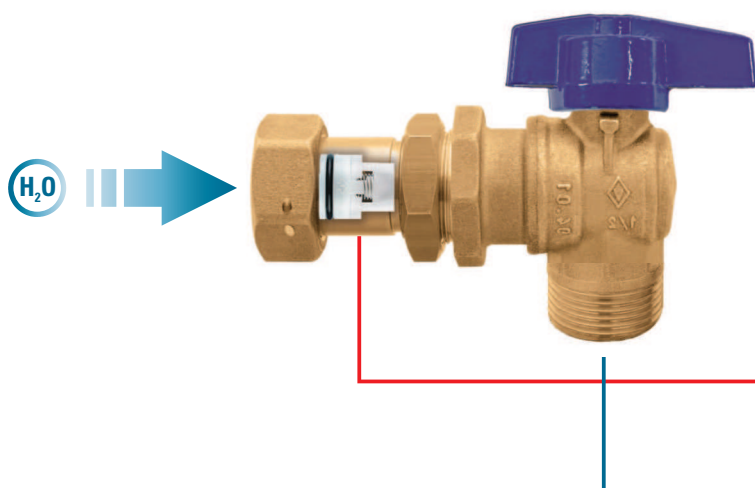
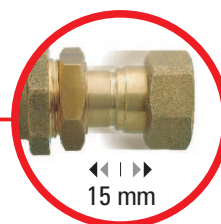
MISURA / SIZE	MISURA / SIZE
Ø 14 SP 2 x 1/2"	Ø 17 SP 2 x 3/4"
Ø 14 SP 2 x 3/4"	Ø 18 SP 2 x 3/4"
Ø 16 SP 2 x 1/2"	Ø 20 SP 2 x 3/4"
Ø 16 SP 2 x 3/4"	

MISURA / SIZE	MISURA / SIZE
Ø 16 SP 2 x 1/2"	Ø 20 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"	Ø 20 SP 2 x 3/4"
Ø 18 SP 2 x 1/2"	
Ø 18 SP 2 x 3/4"	

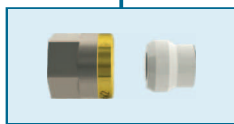
MISURA / SIZE
Ø 16 SP 2.2
Ø 16 SP 2.7
Ø 20 SP 2.8
Ø 20 SP 3.4

MISURE / SIZE	DN	PN	CODE	5354E	5351E	5352E	5353E
1/2" x 3/4"	15	25		5354E 02	5351E 02	5352E 02	5353E 02
3/4" x 3/4"	15	25		5354E 03	5351E 03	5352E 03	5353E 03

 **RAME A COMPRESSIONE / DADO MOBILE** - Valvola a sfera ad angolo in ottone, telescopica, con valvola di ritegno in uscita e attacco zanca
 **COPPER COMPRESSION / NUT** - Elbow ball valve with telescopic extension, frame clamp, yellow brass, non-return valve on outlet

ART. 5356E**ART. 5357E****ART. 4120**

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS

**ART. 4125**

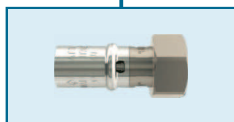
RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS

**ART. 4110**

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS

**ART. 4100**

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS

**ART. 4405**

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS

**ART. 4105**

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS

MISURA / SIZE	MISURA / SIZE
Ø 10 x 1/2"	Ø 14 x 3/4"
Ø 10 x 3/4"	Ø 15 x 1/2"
Ø 12 x 1/2"	Ø 15 x 3/4"
Ø 12 x 3/4"	Ø 16 x 3/4"
Ø 14 x 1/2"	Ø 18 x 3/4"

MISURA / SIZE
Ø 10
Ø 12
Ø 14
Ø 15

MISURA / SIZE	MISURA / SIZE
Ø 12 SP 2 x 1/2"	Ø 16 SP 2 x 3/4"
Ø 12 SP 2 x 3/4"	Ø 17 SP 2 x 3/4"
Ø 14 SP 2 x 1/2"	Ø 18 SP 2 x 3/4"
Ø 14 SP 2 x 3/4"	

MISURA / SIZE	MISURA / SIZE
Ø 14 SP 2 x 1/2"	Ø 17 SP 2 x 3/4"
Ø 14 SP 2 x 3/4"	Ø 18 SP 2 x 3/4"
Ø 16 SP 2 x 1/2"	Ø 20 SP 2 x 3/4"
Ø 16 SP 2 x 3/4"	

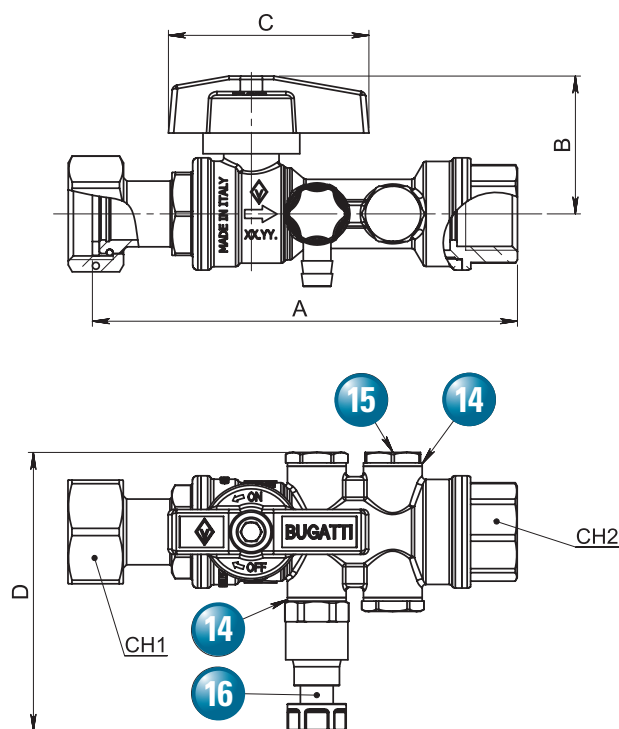
MISURA / SIZE	MISURA / SIZE
Ø 16 SP 2 x 1/2"	Ø 20 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"	Ø 20 SP 2 x 3/4"
Ø 18 SP 2 x 1/2"	
Ø 18 SP 2 x 3/4"	

MISURA / SIZE
Ø 16 SP 2.2
Ø 16 SP 2.7
Ø 20 SP 2.8
Ø 20 SP 3.4

MISURE / SIZE	DN	PN	CODE	5356E	5357E
1/2" x 3/4"	15	25		5356E 02	5357E 02
3/4" x 3/4"	15	25		5356E 03	5357E 03



VALVOLE A SFERA DIRITTE ED ANGOLARI CON SPURGH



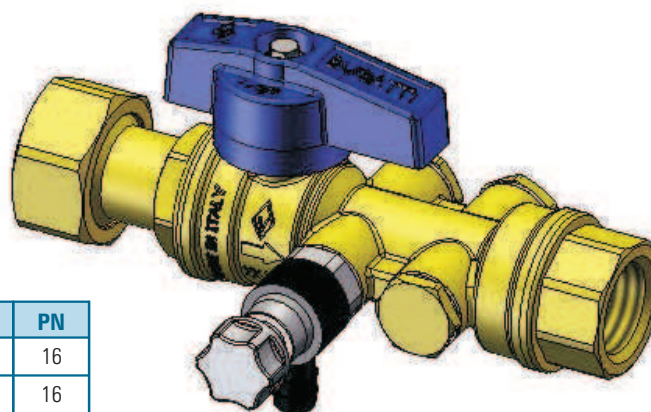
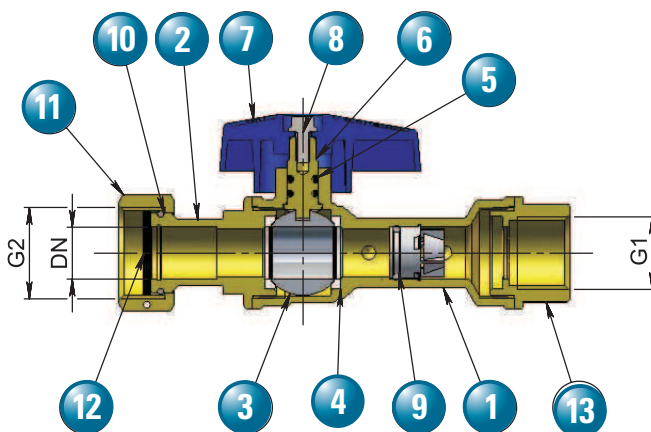
DN	G1	G2	A	B	C	D	CH1	CH2	PN
15	1/2"	3/4"	123	40	58	81	30	27	16
15	3/4"	3/4"	127.5	40	58	81	30	32	16
20	1/2"	3/4"	125.5	44	58	85	30	32	16
20	3/4"	3/4"	125.5	44	58	81	30	32	16

N.	Denominazione	Part name	Materiale	Trattamento	Qty.
1	Corpo	Body	CW602N	-	1
2	Manicotto	End connection	CW617N	-	1
3	Sfera	Ball	CW617N	Ni + Cr	1
4	Guarnizione sfera	Ball seal	PTFE	-	2
5	O-Ring	O-Ring	NBR70sh	-	2
6	Perno	Stem	CW614N	-	1
7	Farfalla	Handle	UNI 5076	Vernicatura	1
8	Vite	Screw	UNI 5025	Tropicalizzata	1
9	Check	Check valve	-	-	1
10	Anello elastico	External ring	AISI 302	-	1
11	Dado	Nut	CW614N	-	1
12	Guarnizione piatta	Seat	NBR70sh	-	1
13	Manicotto	End connection	CW602N	-	1
14	Guarnizione fibra	Purge seat	Fibra	-	4
15	Tappo	Stopper	CW614N	-	3
16	Rubinetto spurgo	Purge tap	AISI 304	-	1



STRAIGHT AND ANGLE BALL VALVES WITH DRAIN COCKS

1.9

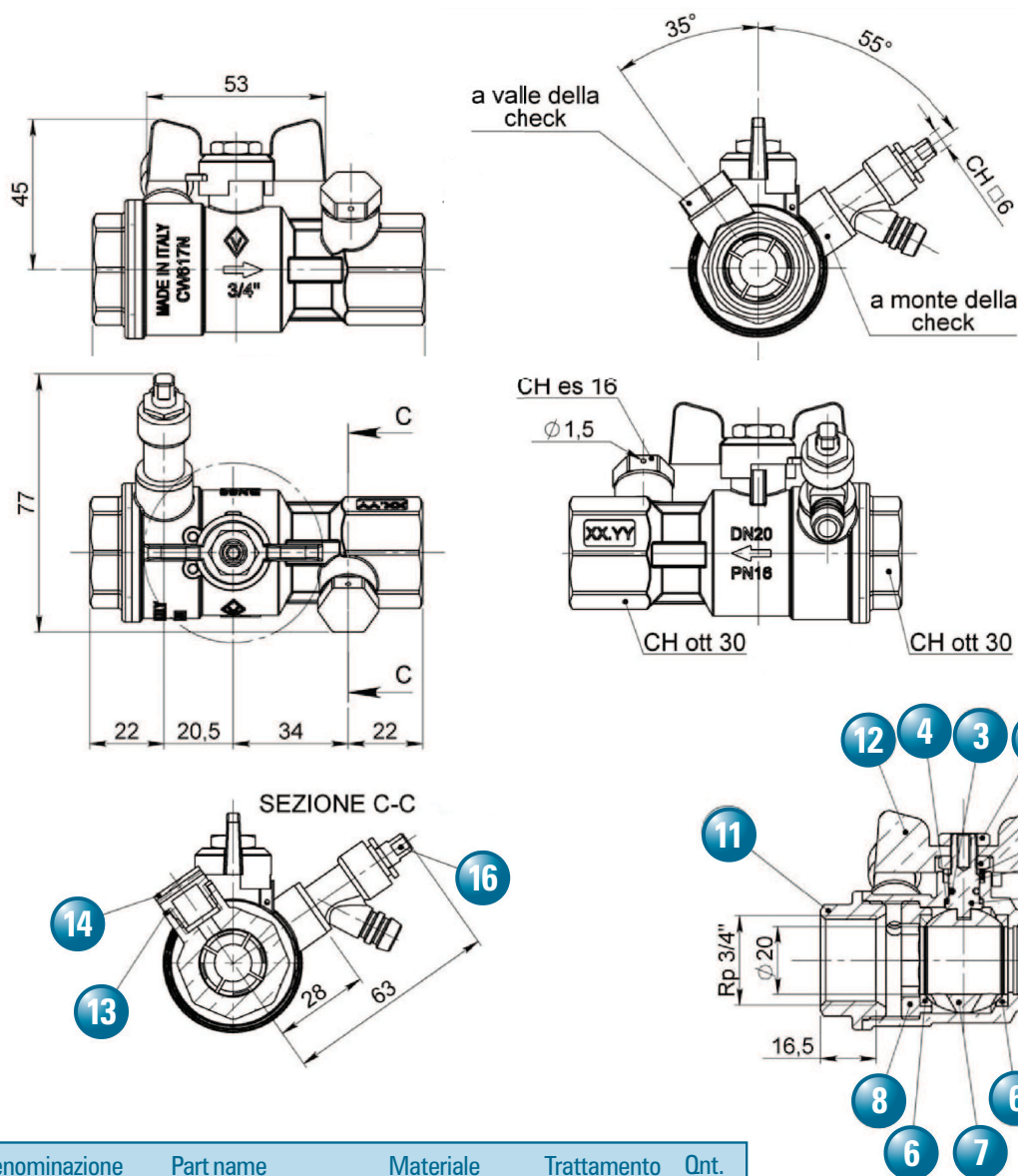




VALVOLE A SFERA CON DUE SPURGHİ INCLINATI E VALVOLA DI NON RITORNO



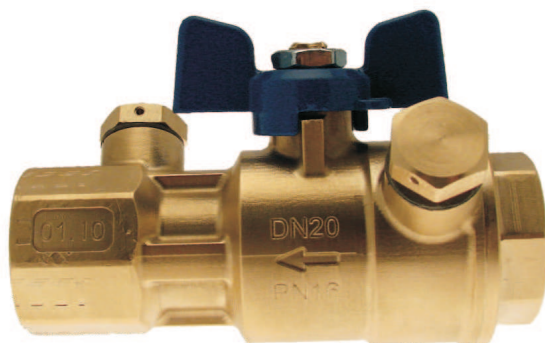
BALL VALVES WITH INCLINED COCK DRAINS AND NON RETURN VALVE



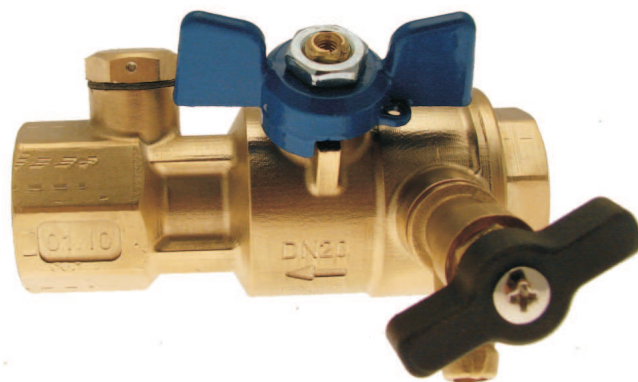
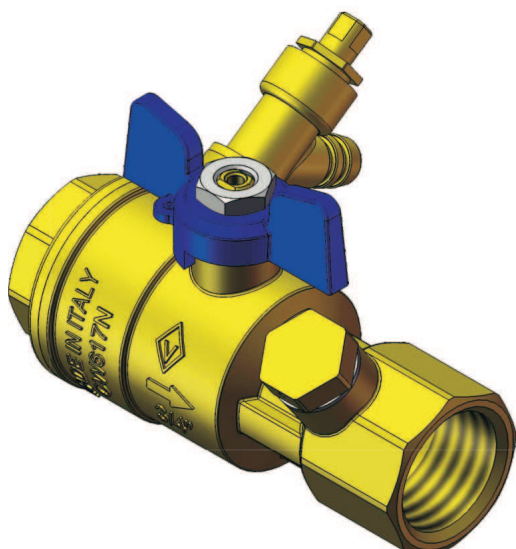
N.	Denominazione	Part name	Materiale	Trattamento	Qty.
1	Corpo	Body	CW617N	-	1
2	Perno	Stem	CW614N	-	1
3	O-Ring	O-Ring	NBR70sh	-	1
4	Guarnizione inf.	Lower seal	PTFE	-	1
5	Guarnizione sup.	Upper seal	PTFE	-	1
6	Guarnizione sfera	Ball seal	PTFE	-	2
7	Sfera	Ball	CW617N	Ni + Cr	1
8	Ghiera	Brass ring	CW614N	-	1
9	Rondella	Brass ring	CW617N	-	1
10	Dado	Nut	UNI 5771	Zincatura	2
11	Manicotto	End connection	CW617N	-	1
12	Farfalla	T-handle	UNI 5076	Vernicatura	1
13	Guarnizione	Seal	FIBRA	-	1
14	Tappo	Cap	CW614N	-	1
15	Valvola di non ritorno	Check valve	POM + EDPM	-	1
16	Rubinetto sprgo	Cock drain	CW614N + NBR	-	1

 **FEMMINA / FEMMINA** - Valvola a sfera in ottone, antilegionella, con due spurghi inclinati e valvola di non ritorno
 **FEMALE / FEMALE** - Anti-legionella brass ball valve with two inclined cock-drains and non-return valve

ART. 5920



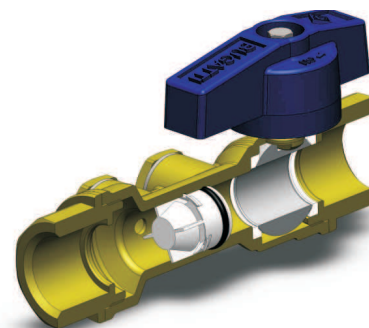
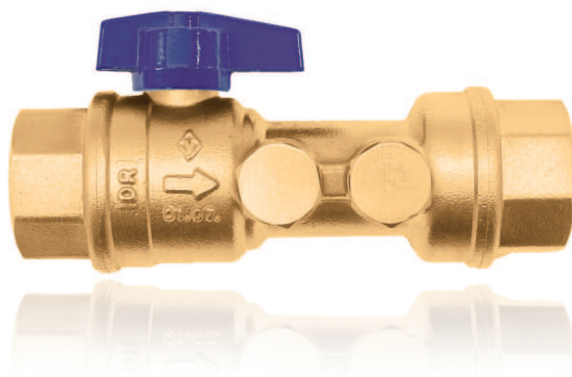
MISURE / SIZE	DN	PN	PN CHEK	CODE	5920
1/2" x 1/2"	15	40	16		5920 02
3/4" x 3/4"	20	40	16		5920 03
1" x 1"	20	40	16		5920 04
1" x 1 1/4"	32	40	16		5920 05



 **FEMMINA / FEMMINA** - Valvola a sfera in ottone con quattro spurghi e con valvola di ritegno

 **FEMALE / FEMALE** - Straight ball valve with non-return valve, yellow brass, with four cock-drains

ART. 5918



MISURE/SIZE	DN	PN	PN CHEK	CODE	5918
1/2" x 1/2"	15	40	16		5918 02
3/4" x 3/4"	20	40	16		5918 03
1" x 1"	20	40	16		5918 04

 **MASCHIO / FEMMINA** - Valvola a sfera in ottone con quattro spurghi e con valvola di ritegno

 **MALE / FEMALE** - Straight ball valve with non-return valve, yellow brass, with four cock-drains

ART. 5919

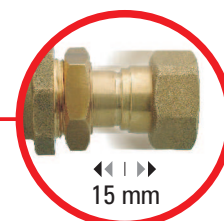
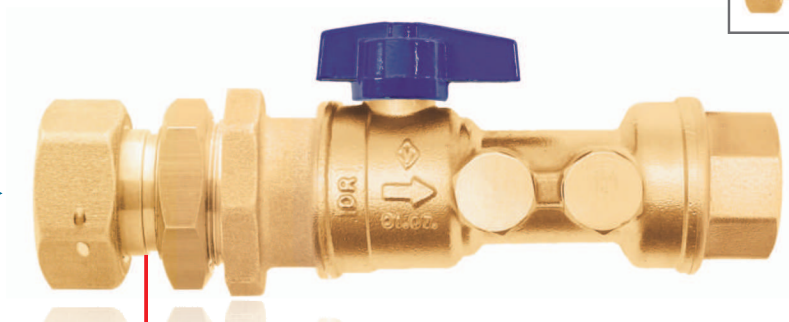
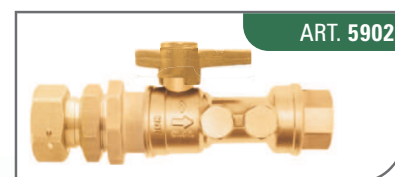


MISURE/SIZE	DN	PN	PN CHEK	CODE	5919
1/2" x 1/2"	15	40	16		5919 02
3/4" x 3/4"	20	40	16		5919 03
1" x 1"	20	40	16		5919 04

 **FEMMINA / DADO MOBILE** - Valvola a sfera in ottone con quattro spurghi, valvola di ritegno, manicotto telescopico e attacco zanca

 **FEMALE / SWIVEL NUT** - Straight ball valve with non-return valve, telescopic extension and frame clamp, yellow brass, with four cock-drains

ART. 5901

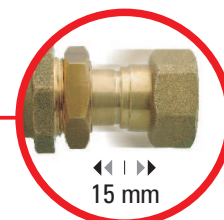
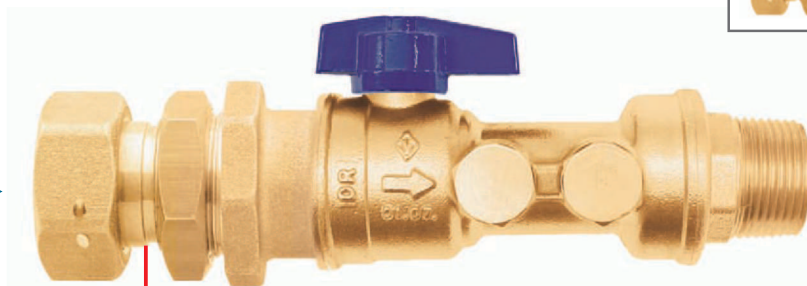
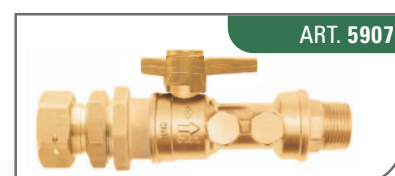


MISURE / SIZE	DN	PN	PN CHECK		5901	5902
1/2" x 3/4"	15	40	16	CODE	5901 02	5902 02
1/2" x 7/8"	15	40	16		5901 03	5902 03
3/4" x 3/4"	20	40	16		5901 04	5902 04
3/4" x 7/8"	20	40	16		5901 05	5902 05
3/4" x 1"	20	40	16		5901 06	5902 06
1" x 1"	20	40	16		5901 07	5902 07
1" x 1 1/4"	25	40	16		5901 08	5902 08

 **MASCHIO / DADO MOBILE** - Valvola a sfera in ottone con quattro spurghi, valvola di ritegno, manicotto telescopico e attacco zanca

 **MALE / SWIVEL NUT** - Straight ball valve with non-return valve, telescopic extension and frame clamp, yellow brass, with four cock-drains

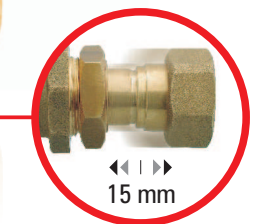
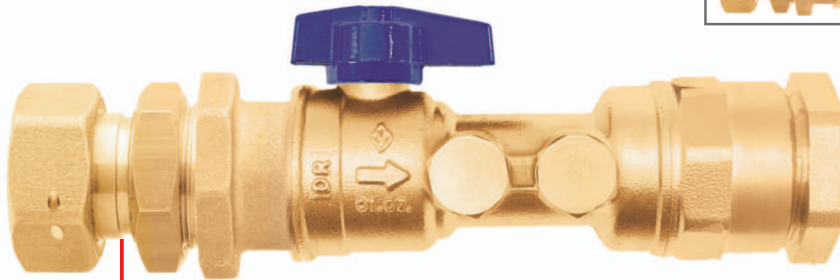
ART. 5906



MISURE / SIZE	DN	PN	PN CHECK		5906	5907
1/2" x 3/4"	15	40	16	CODE	5906 02	5907 02
1/2" x 7/8"	15	40	16		5906 03	5907 03
3/4" x 3/4"	20	40	16		5906 04	5907 04
3/4" x 7/8"	20	40	16		5906 05	5907 05
3/4" x 1"	20	40	16		5906 06	5907 06
1" x 1"	20	40	16		5906 07	5907 07
1" x 1 1/4"	25	40	16		5906 08	5907 08

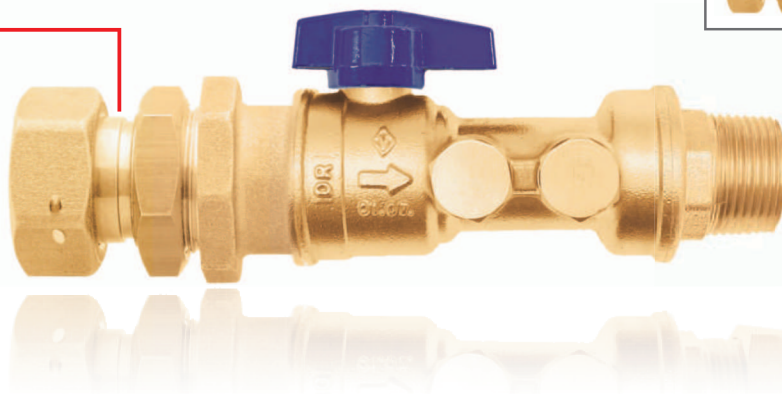
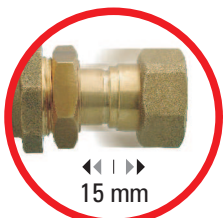
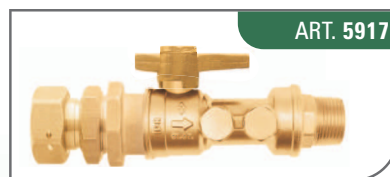
 **PE / DADO MOBILE** - Valvola a sfera in ottone con quattro spurghi, valvola di ritegno, manicotto telescopico e attacco zanca

 **PE / SWIVEL NUT** - Straight ball valve with non-return valve, telescopic extension and frame clamp, yellow brass, with four cock-drains

ART. 5911

ART. 5912

MISURE/SIZE	DN	PN	PN CHECK	CODE	5911	5912
20 mm x 3/4"	15	40	16		5911 02	5912 02
20 mm x 7/8"	15	40	16		5911 03	5912 03
25 mm x 3/4"	20	40	16		5911 04	5912 04
25 mm x 7/8"	20	40	16		5911 05	5912 05
25 mm x 1"	20	40	16		5911 06	5912 06
32 mm x 1"	20	40	16		5911 07	5912 07
32 mm x 1 1/4"	25	40	16		5911 08	5912 08

 **RAME A COMPRESSIONE / DADO MOBILE** - Valvola a sfera in ottone con quattro spurghi, valvola di ritegno, manicotto telescopico e attacco zanca
 **COPPER COMPRESSION / SWIVEL NUT** - Straight ball valve with non-return valve, telescopic extension and frame clamp, yellow brass, with four cock-drains

ART. 5916**ART. 5917****ART. 4120**

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS

ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS

ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS

ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS

ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS

ART. 4105

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS

MISURA / SIZE
Ø 10 x 1/2"
Ø 10 x 3/4"
Ø 12 x 1/2"
Ø 12 x 3/4"
Ø 14 x 1/2"

MISURA / SIZE
Ø 14 x 3/4"
Ø 15 x 1/2"
Ø 15 x 3/4"
Ø 16 x 3/4"
Ø 18 x 3/4"

MISURA / SIZE
Ø 10
Ø 12
Ø 14
Ø 15

MISURA / SIZE
Ø 12 SP 2 x 1/2"
Ø 12 SP 2 x 3/4"
Ø 14 SP 2 x 1/2"
Ø 14 SP 2 x 3/4"

MISURA / SIZE
Ø 16 SP 2 x 3/4"
Ø 17 SP 2 x 3/4"
Ø 18 SP 2 x 3/4"

MISURA / SIZE
Ø 14 SP 2 x 1/2"
Ø 14 SP 2 x 3/4"
Ø 16 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"

MISURA / SIZE
Ø 17 SP 2 x 3/4"
Ø 18 SP 2 x 3/4"
Ø 20 SP 2 x 3/4"

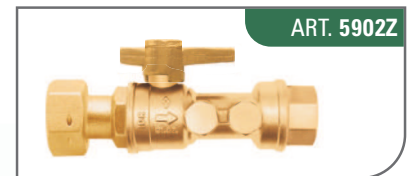
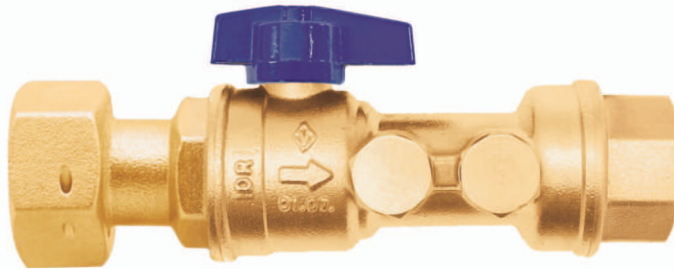
MISURA / SIZE
Ø 16 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"
Ø 18 SP 2 x 1/2"
Ø 18 SP 2 x 3/4"

MISURA / SIZE
Ø 20 SP 2 x 1/2"
Ø 20 SP 2 x 3/4"

MISURA / SIZE
Ø 16 SP 2.2
Ø 16 SP 2.7
Ø 20 SP 2.8
Ø 20 SP 3.4

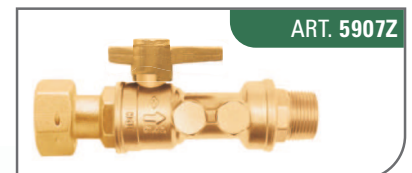
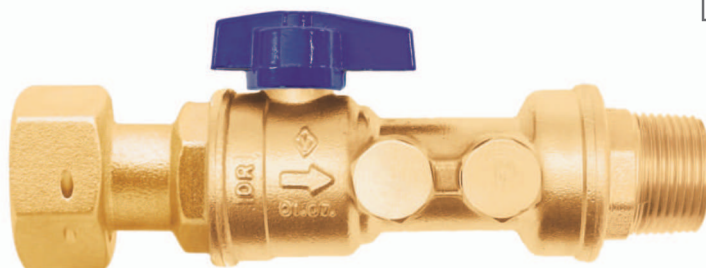
MISURE / SIZE	DN	PN	CODE	5916	5917
1/2" x 3/4"	15	40		5916 02	5917 02
3/4" x 3/4"	15	40		5916 03	5917 03

 **FEMMINA / DADO MOBILE** - Valvola a sfera in ottone con quattro spurghi e valvola di ritegno
 **FEMALE / SWIVEL NUT** - Straight ball valve with non-return valve, four cock-drains, yellow brass

ART. 5901Z**ART. 5902Z**

MISURE/SIZE	DN	PN	PN CHECK		5901Z	5902Z
1/2" x 3/4"	15	40	16	CODE	5901Z 02	5902Z 02
1/2" x 7/8"	15	40	16		5901Z 03	5902Z 03
3/4" x 3/4"	20	40	16		5901Z 04	5902Z 04
3/4" x 7/8"	20	40	16		5901Z 05	5902Z 05
3/4" x 1"	20	40	16		5901Z 06	5902Z 06
1" x 1"	20	40	16		5901Z 07	5902Z 07
1" x 1 1/4"	25	40	16		5901Z 08	5902Z 08

 **MASCHIO / DADO MOBILE** - Valvola a sfera in ottone con quattro spurghi e valvola di ritegno
 **MALE / SWIVEL NUT** - Straight ball valve with non-return valve, four cock-drains, yellow brass

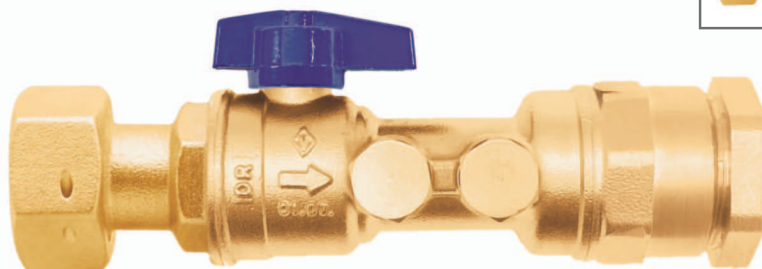
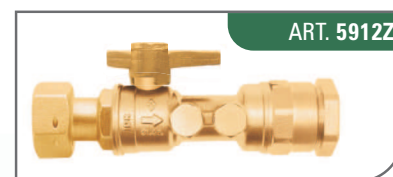
ART. 5906Z**ART. 5907Z**

MISURE/SIZE	DN	PN	PN CHECK		5906Z	5907Z
1/2" x 3/4"	15	40	16	CODE	5906Z 02	5907Z 02
1/2" x 7/8"	15	40	16		5906Z 03	5907Z 03
3/4" x 3/4"	20	40	16		5906Z 04	5907Z 04
3/4" x 7/8"	20	40	16		5906Z 05	5907Z 05
3/4" x 1"	20	40	16		5906Z 06	5907Z 06
1" x 1"	20	40	16		5906Z 07	5907Z 07
1" x 1 1/4"	25	40	16		5906Z 08	5907Z 08

 **PE / DADO MOBILE** - Valvola a sfera in ottone con quattro spurghi e valvola di ritegno

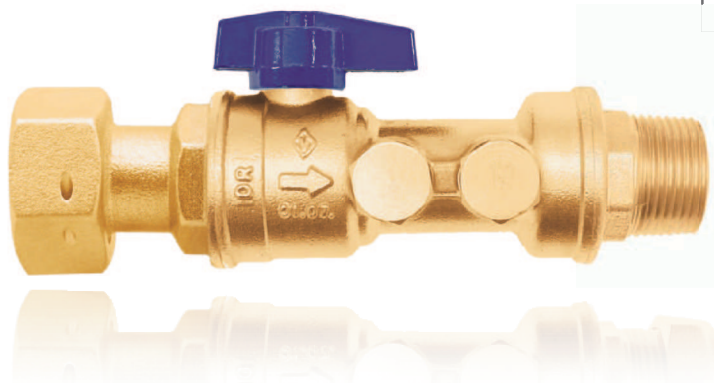
 **PE / SWIVEL NUT** - Straight ball valve with non-return valve, four cock-drains, yellow brass

ART. 5911Z



MISURE/SIZE	DN	PN	PN CHECK	CODE	5911Z	5912Z
20 mm x 3/4"	15	40	16		5911Z 02	5912Z 02
20 mm x 7/8"	15	40	16		5911Z 03	5912Z 03
25 mm x 3/4"	20	40	16		5911Z 04	5912Z 04
25 mm x 7/8"	20	40	16		5911Z 05	5912Z 05
25 mm x 1"	20	40	16		5911Z 06	5912Z 06
32 mm x 3/4"	20	40	16		5911Z 07	5912Z 07
32 mm x 1"	25	40	16		5911Z 08	5912Z 08
32 mm x 1 1/4"	25	40	16		5911Z 09	5912Z 09

 **RAME A COMPRESSIONE / DADO MOBILE** - Valvola a sfera in ottone con quattro spurghi e valvola di ritegno
 **COPPER COMPRESSION / SWIVEL NUT** - Straight ball valve with non-return valve, four cock-drains, yellow brass

ART. 5916ZH₂O**ART. 5917Z****ART. 4120**

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS

ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS

ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS

ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS

ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS

ART. 4105

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS

MISURA / SIZE
Ø 10 x 1/2"
Ø 10 x 3/4"
Ø 12 x 1/2"
Ø 12 x 3/4"
Ø 14 x 1/2"

MISURA / SIZE
Ø 14 x 3/4"
Ø 15 x 1/2"
Ø 15 x 3/4"
Ø 16 x 3/4"
Ø 18 x 3/4"

MISURA / SIZE
Ø 10
Ø 12
Ø 14
Ø 15

MISURA / SIZE
Ø 12 SP 2 x 1/2"
Ø 12 SP 2 x 3/4"
Ø 14 SP 2 x 1/2"
Ø 14 SP 2 x 3/4"

MISURA / SIZE
Ø 16 SP 2 x 3/4"
Ø 17 SP 2 x 3/4"
Ø 18 SP 2 x 3/4"

MISURA / SIZE
Ø 14 SP 2 x 1/2"
Ø 14 SP 2 x 3/4"
Ø 16 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"

MISURA / SIZE
Ø 17 SP 2 x 3/4"
Ø 18 SP 2 x 3/4"
Ø 20 SP 2 x 3/4"

MISURA / SIZE
Ø 16 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"
Ø 18 SP 2 x 1/2"
Ø 18 SP 2 x 3/4"

MISURA / SIZE
Ø 20 SP 2 x 1/2"
Ø 20 SP 2 x 3/4"

MISURA / SIZE
Ø 16 SP 2.2
Ø 16 SP 2.7
Ø 20 SP 2.8
Ø 20 SP 3.4



MISURE / SIZE	DN	PN	CODE	5916Z	5917Z
1/2" x 3/4"	15	40		5916Z 02	5917Z 02
3/4" x 3/4"	15	40		5916Z 03	5917Z 03

  **MASCHIO / DADO MOBILE** - Valvola in ottone con due spurghi e valvola di ritegno

 **MALE / SWIVEL NUT** - Straight valve with non-return valve, two metal cock-drains, yellow brass

ART. 5963



MISURE/SIZE	DN	PN	PN CHECK	CODE	5963
3/4" x 3/4"	15	40	16		5963 02
3/4" x 3/4"	20	40	16		5963 03

  **MASCHIO / DADO MOBILE** - Valvola in ottone con due spurghi e valvola di ritegno

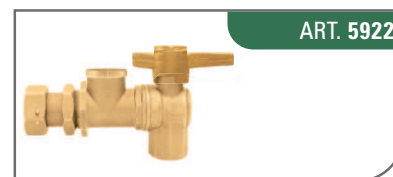
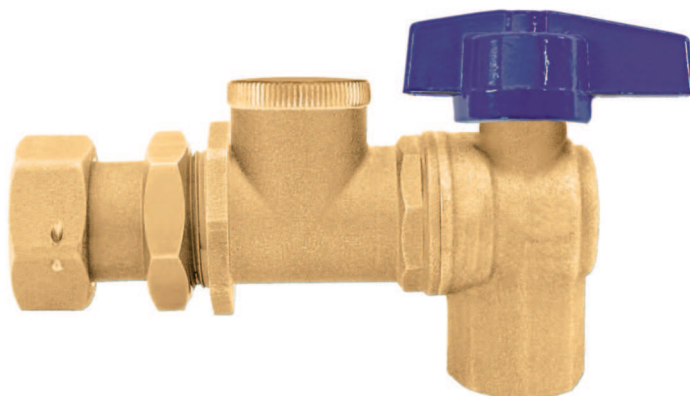
 **MALE / SWIVEL NUT** - Straight valve with non-return valve, two plastic cock-drains, yellow brass

ART. 5964



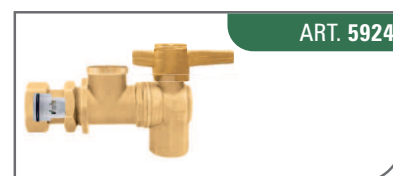
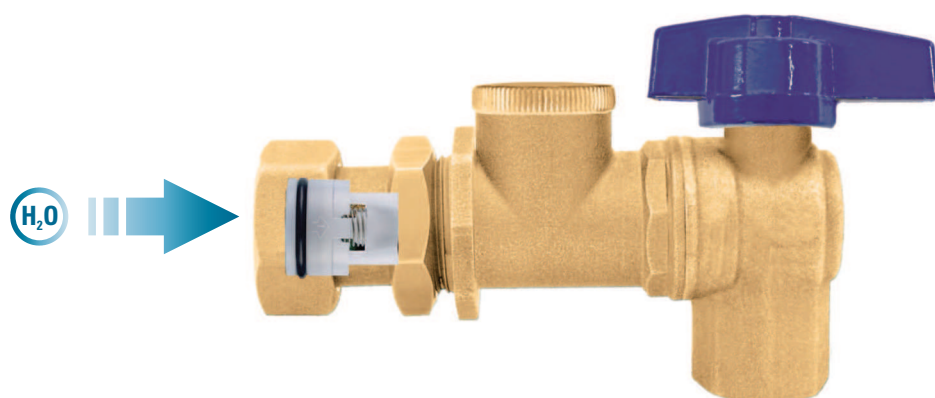
MISURE/SIZE	DN	PN	PN CHECK	CODE	5964
3/4" x 3/4"	15	40	16		5964 02
3/4" x 3/4"	20	40	16		5964 03

 **FEMMINA / DADO MOBILE** - Valvola a sfera ad angolo in ottone con spurgo e attacco zanca
 **FEMALE / SWIVEL NUT** - Elbow ball valve with cock-drain, frame clamp, yellow brass

ART. 5921

ART. 5922

MISURE/SIZE	DN	PN		5921	5922
1/2" x 3/4"	15	40	CODE	5921 02	5922 02
3/4" x 3/4"	15	40		5921 03	5922 03
3/4" x 1"	20	40		5921 04	5922 04
1" x 1"	20	40		5921 05	5922 05

 **FEMMINA / DADO MOBILE** - Valvola a sfera ad angolo in ottone con spurgo, valvola di ritegno e attacco zanca
 **FEMALE / SWIVEL NUT** - Elbow ball valve with non-return valve, cock-drain and frame clamp, yellow brass

ART. 5923

ART. 5924

MISURE/SIZE	DN	PN	PN CHECK		5923	5924
1/2" x 3/4"	15	40	16	CODE	5923 02	5924 02
3/4" x 3/4"	15	40	16		5923 03	5924 03
3/4" x 1"	20	40	16		5923 04	5924 04
1" x 1"	20	40	16		5923 05	5924 05

 **MASCHIO / DADO MOBILE** - Valvola a sfera ad angolo in ottone con spurgo e attacco zanca
 **MALE / SWIVEL NUT** - Elbow ball valve with cock-drain, frame clamp, yellow brass

ART. 5925



ART. 5926



MISURE/SIZE	DN	PN		5925	5926
1/2" x 3/4"	15	40	CODE	5925 02	5926 02
3/4" x 3/4"	15	40		5925 03	5926 03
3/4" x 1"	20	40		5925 04	5926 04
1" x 1"	20	40		5925 05	5926 05

 **MASCHIO / DADO MOBILE** - Valvola a sfera ad angolo in ottone con spurgo, valvola di ritegno e attacco zanca
 **MALE / SWIVEL NUT** - Elbow ball valve with non-return valve, cock-drain and frame clamp, yellow brass

ART. 5927



ART. 5928



MISURE/SIZE	DN	PN	PN CHECK		5927	5928
1/2" x 3/4"	15	40	16	CODE	5927 02	5928 02
3/4" x 3/4"	15	40	16		5927 03	5928 03
3/4" x 1"	20	40	16		5927 04	5928 04
1" x 1"	20	40	16		5927 05	5928 05

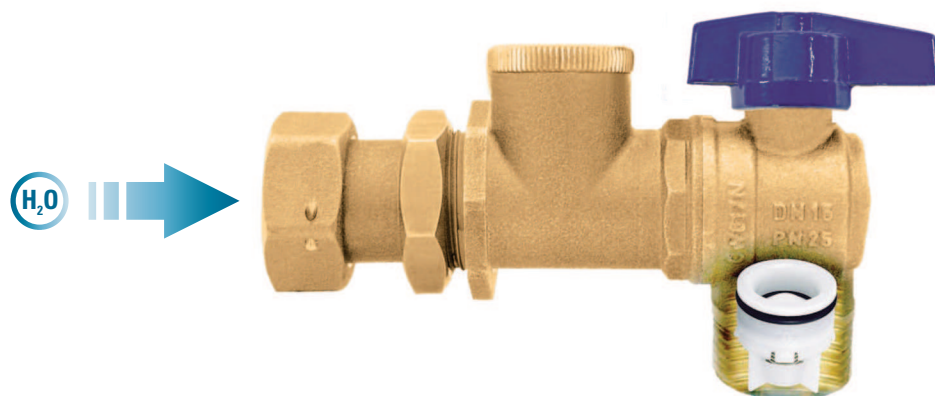
  **MASCHIO / DADO MOBILE** - Valvola a sfera ad angolo in ottone con spurgo, valvola di ritegno in uscita e attacco zanca

  **MALE / SWIVEL NUT** - Elbow ball valve with cock-drain, frame clamp, non-return valve on outlet, yellow brass

ART. 5929



ART. 5930

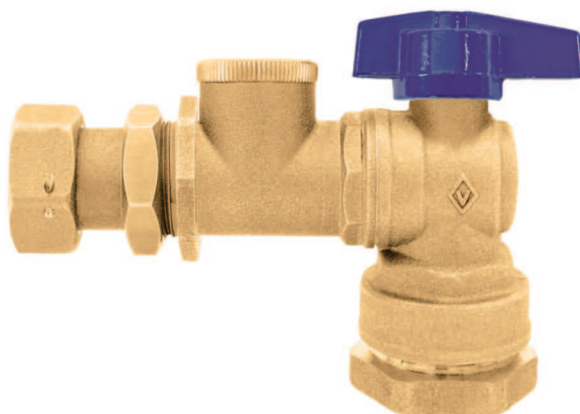


MISURE / SIZE	DN	PN	PN check	CODE	5929	5930
3/4" x 3/4"	20	40	16		5929 02	5930 02
1" x 1"	25	40	16		5929 03	5930 03

 **PE / DADO MOBILE** - Valvola a sfera ad angolo in ottone con spurgo e attacco zanca

 **PE / SWIVEL NUT** - Elbow ball valve with cock-drain, frame clamp, yellow brass

ART. 5931



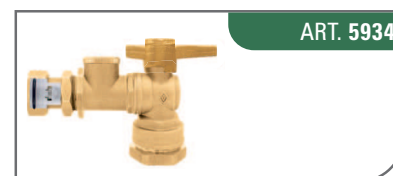
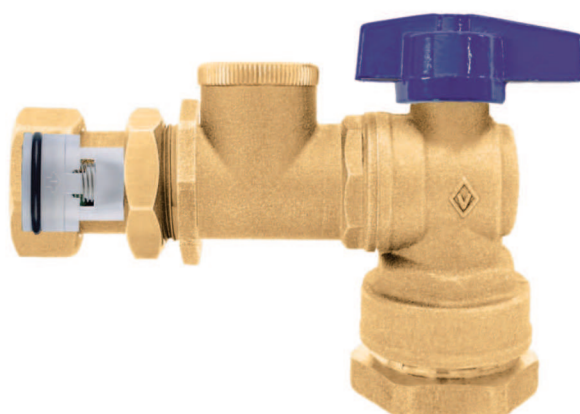
ART. 5932

MISURE/SIZE	DN	PN		5931	5932
20 mm x 3/4"	15	40	CODE	5931 02	5932 02
25 mm x 3/4"	15	40		5931 03	5932 03
25 mm x 1"	20	40		5931 04	5932 04
32 mm x 3/4"	20	40		5931 05	5932 05
32 mm x 1"	20	40		5931 06	5932 06

 **PE / DADO MOBILE** - Valvola a sfera ad angolo in ottone con spurgo, valvola di ritegno e attacco zanca

 **PE / SWIVEL NUT** - Elbow ball valve with non-return valve, cock-drain and frame clamp, yellow brass

ART. 5933

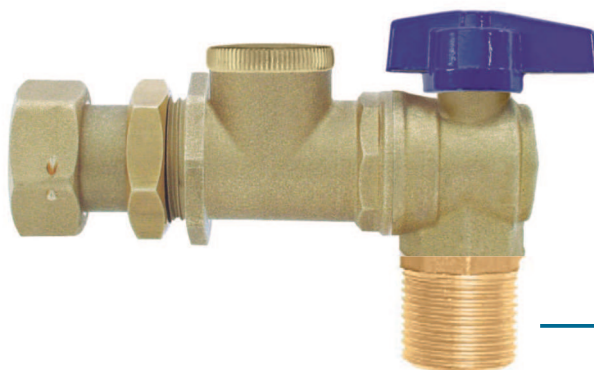


ART. 5934

MISURE/SIZE	DN	PN	PN CHECK		5933	5934
20 mm x 3/4"	15	40	16	CODE	5933 02	5934 02
25 mm x 3/4"	15	40	16		5933 03	5934 03
25 mm x 1"	20	40	16		5933 04	5934 04
32 mm x 3/4"	20	40	16		5933 05	5934 05
32 mm x 1"	20	40	16		5933 06	5934 06

 **RAME A COMPRESSIONE / DADO MOBILE** - Valvola a sfera ad angolo in ottone con spurgo e attacco zanca
 **COPPER COMPRESSION / SWIVEL NUT** - Elbow ball valve with cock-drain, frame clamp, yellow brass

ART. 5936



ART. 5937



ART. 4120

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS

ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS

ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS

ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS

ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS

ART. 4105

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS

MISURA / SIZE
Ø 10 x 1/2"
Ø 10 x 3/4"
Ø 12 x 1/2"
Ø 12 x 3/4"
Ø 14 x 1/2"

MISURA / SIZE
Ø 14 x 3/4"
Ø 15 x 1/2"
Ø 15 x 3/4"
Ø 16 x 3/4"
Ø 18 x 3/4"

MISURA / SIZE
Ø 10
Ø 12
Ø 14
Ø 15

MISURA / SIZE
Ø 12 SP 2 x 1/2"
Ø 12 SP 2 x 3/4"
Ø 14 SP 2 x 1/2"
Ø 14 SP 2 x 3/4"

MISURA / SIZE
Ø 16 SP 2 x 3/4"
Ø 17 SP 2 x 3/4"
Ø 18 SP 2 x 3/4"

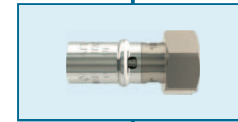
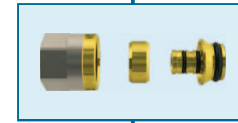
MISURA / SIZE
Ø 14 SP 2 x 1/2"
Ø 14 SP 2 x 3/4"
Ø 16 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"

MISURA / SIZE
Ø 17 SP 2 x 3/4"
Ø 18 SP 2 x 3/4"
Ø 20 SP 2 x 3/4"

MISURA / SIZE
Ø 16 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"
Ø 18 SP 2 x 1/2"
Ø 18 SP 2 x 3/4"

MISURA / SIZE
Ø 20 SP 2 x 1/2"
Ø 20 SP 2 x 3/4"

MISURA / SIZE
Ø 16 SP 2.2
Ø 16 SP 2.7
Ø 20 SP 2.8
Ø 20 SP 3.4



MISURE / SIZE	DN	PN	CODE	5936	5937
1/2" x 3/4"	15	40		5936 02	5937 02
3/4" x 3/4"	15	40		5936 03	5937 03

 **RAME A COMPRESSIONE / DADO MOBILE** - Valvola a sfera ad angolo in ottone con spurgo, valvola di ritegno e attacco zanca
 **COPPER COMPRESSION / SWIVEL NUT** - Elbow ball valve with non-return valve, cock-drain and frame clamp, yellow brass

ART. 5938**ART. 5939****ART. 4120**

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS

ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS

ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS

ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS

ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS

ART. 4105

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS

MISURA / SIZE
Ø 10 x 1/2"
Ø 10 x 3/4"
Ø 12 x 1/2"
Ø 12 x 3/4"
Ø 14 x 1/2"

MISURA / SIZE
Ø 14 x 3/4"
Ø 15 x 1/2"
Ø 15 x 3/4"
Ø 16 x 3/4"
Ø 18 x 3/4"

MISURA / SIZE
Ø 10
Ø 12
Ø 14
Ø 15

MISURA / SIZE
Ø 12 SP 2 x 1/2"
Ø 12 SP 2 x 3/4"
Ø 14 SP 2 x 1/2"
Ø 14 SP 2 x 3/4"

MISURA / SIZE
Ø 16 SP 2 x 3/4"
Ø 17 SP 2 x 3/4"
Ø 18 SP 2 x 3/4"

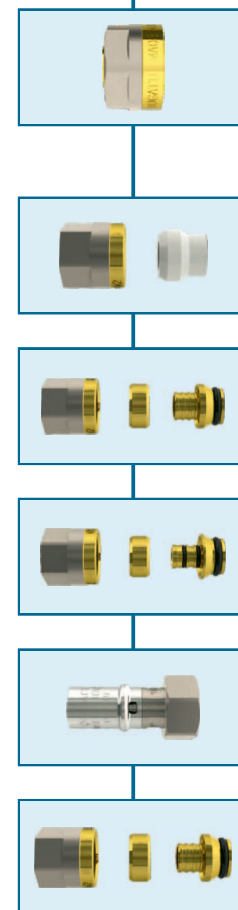
MISURA / SIZE
Ø 14 SP 2 x 1/2"
Ø 14 SP 2 x 3/4"
Ø 16 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"

MISURA / SIZE
Ø 17 SP 2 x 3/4"
Ø 18 SP 2 x 3/4"
Ø 20 SP 2 x 3/4"

MISURA / SIZE
Ø 16 SP 2 x 1/2"
Ø 16 SP 2 x 3/4"
Ø 18 SP 2 x 1/2"
Ø 18 SP 2 x 3/4"

MISURA / SIZE
Ø 20 SP 2 x 1/2"
Ø 20 SP 2 x 3/4"

MISURA / SIZE
Ø 16 SP 2.2
Ø 16 SP 2.7
Ø 20 SP 2.8
Ø 20 SP 3.4

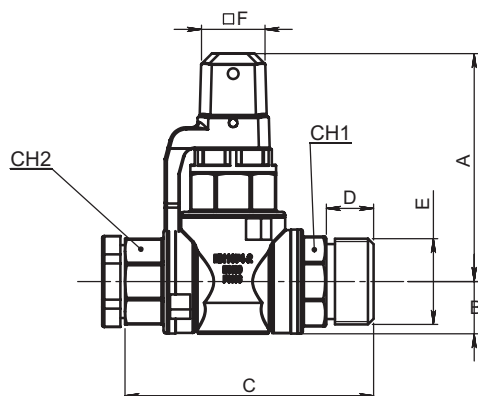


MISURE / SIZE	DN	PN	CODE	5938	5939
1/2" x 3/4"	15	40		5938 02	5939 02
3/4" x 3/4"	15	40		5938 03	5939 03

1	Valvole extra pesanti per presa in carico <i>Extra heavy saddle tapping ball valves</i>	95
2	Valvole a sfera con quadro da 28 mm <i>28 mm square head ball valve</i>	101
3	Valvole a sfera diritte con quadro di manovra <i>Straight ball valves with square-head override</i>	105

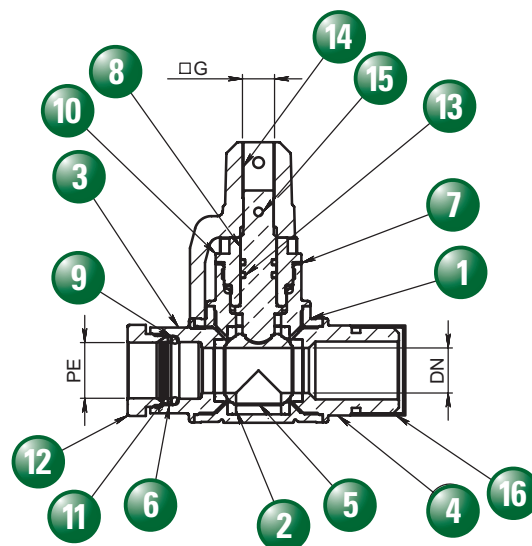


VALVOLE EXTRA PESANTI PER PRESA IN CARICO



EXTRA HEAVY SADDLE TAPPING BALL VALVES

2.1



DN	CH1	CH2	PE	A	B	C	D	E	F	G
20	42	40	25	110	25	116	22	M40x3	30	15
25	42	50	32	117	30	129	22	M40x3	30	15
32	58	58	40	124	37	149	22	M55x3	30	15
40	58	69	50	134	45	163	22	M55x3	30	15

N.	Denominazione	Part name	Materiale	Qty.
1	Corpo	Body	CW602N	1
2	Sedesfera	Ball seat	P.T.F.E.	4
3	Manicotto	Coupling	CW602N	2
4	Manicotto	Coupling	CW602N	1
5	Sfera	Ball	CW617N	1
6	Rondella	Brass ring	CW614N	1
7	Guarnizione	Seal	NYLON	1
8	Perno	Stem	CW614N	1
9	O-Ring	O-Ring	NBR 70 Sh	2
10	Premistoppa	Ring nut	CW602N	1
11	Ghiera	Compression ring	CW614N	1
12	Dado	Compression nut	CW602N	1
13	O-Ring	O-Ring	NBR 70 Sh	2
14	Cappuccio	Square-head	GS500-7	1
15	Spina	Pins	AISI	1
16	Tappo	Plug	LDPE	1



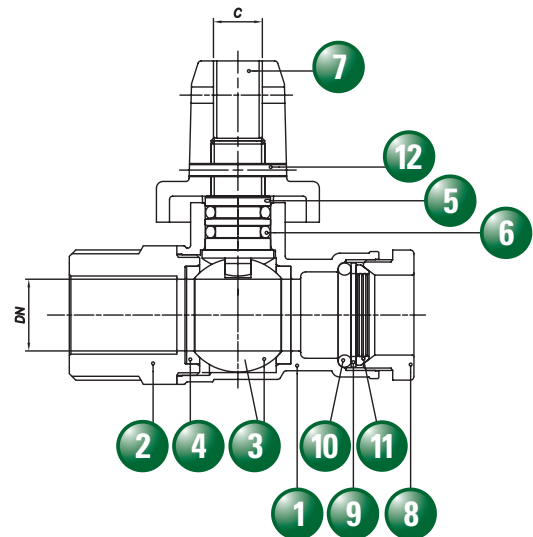
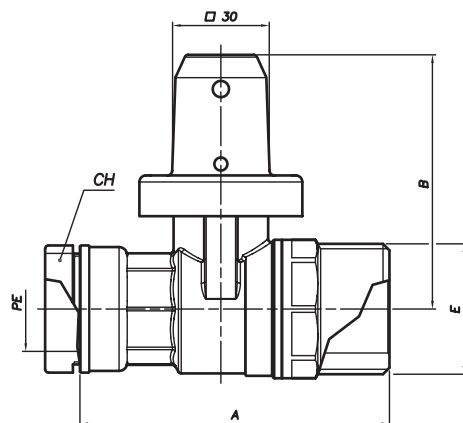
Il particolare 15 viene montato solo nelle misure PE 25 e PE 32



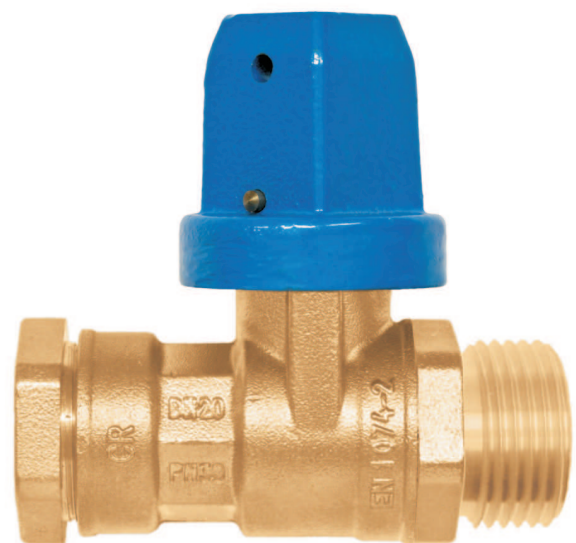
Item 15 only assembled on PE Ø 25 and PE Ø 32

 **ART. 8668 - VALVOLA PRESA IN CARICO DIRITTA MASCHIO PER POLIETILENE**

 **ART. 8668 - FORGED BRASS BALL VALVE MALE FOR POLIETHYLEN PIPE**



DN	PE	CH	A	B	D	E	PN
20	25	39	95	78	15	M40x3	30
25	32	48	102	82	15	M40x3	30
25	32	48	111	82	15	M55x3	30
32	40	58	124	88	15	M55x3	30
40	50	69	134	93.5	15	M55x3	30
50	63	82	145	101	15	M55x3	30

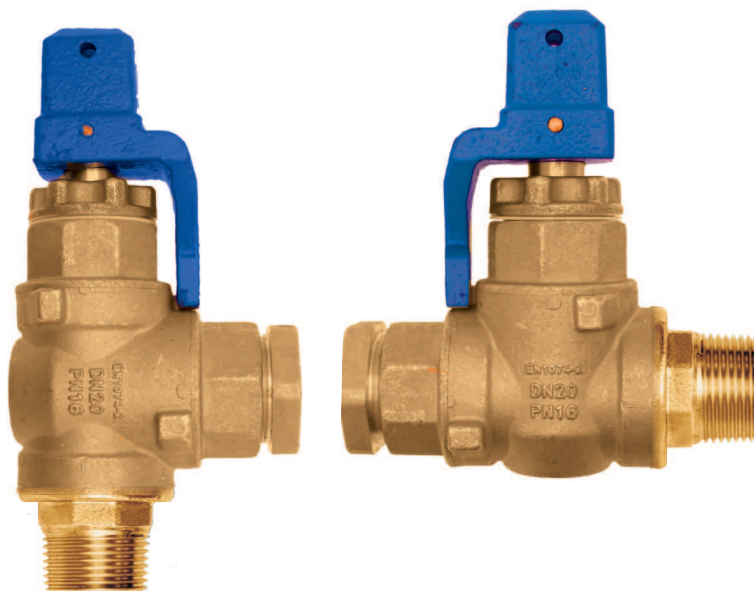


N.	Denominazione	Part name	Materiale	Qnt.
1	Corpo	Body	CW602N	1
2	Manicotto	End connection	CW602N	
3	Sfera	Ball	CW617N	1
4	Sede sfera	Ball seat	P.T.F.E.	2
5	Perno	Stem	CW614N	1
6	O-Ring	Ring	NBR 70 Sh	2
7	Quadro com.	Control cup	GS500-7	1
8	Dado Str.	Nut	CW617N	1
9	Rondella	Brass Ring	CW614N	1
10	O-Ring	Ring	NBR 70 Sh	1
11	Ghiera String.	Compression Ring	CW614N	1
12	Spina elastica	Elastic pins	CW614N	1

  **MASCHIO / PE-PVC** - Valvola di presa in carico "Universal"

 **MALE / PE-PVC** - Saddle tapping ball valve "Universal", square-head override, yellow brass

ART. 8671

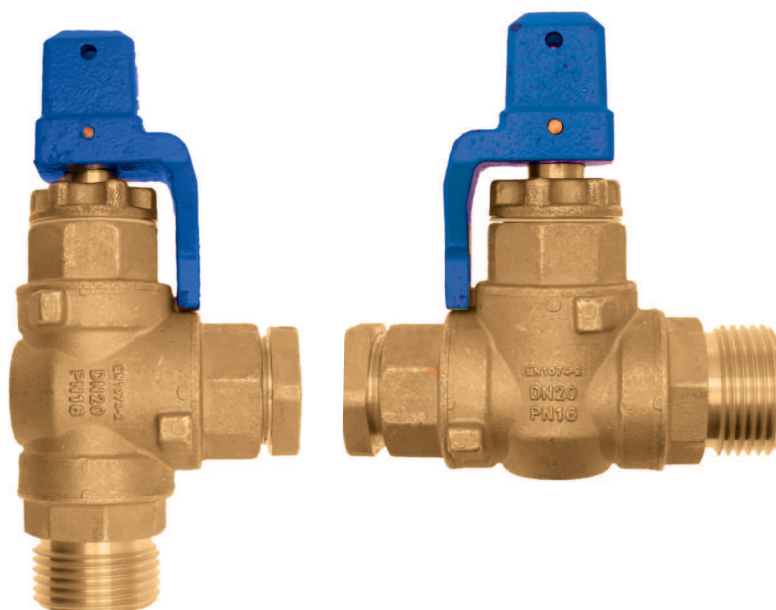


FILETTO MASCHIO MALE THREAD	DN	PE	PN	CODE	8671
1"	20	25	16		8671 02
1" 1/4	25	32	16		8671 03
1" 1/2	32	40	16		8671 04
2"	40	50	16		8671 05
2" 1/2	50	63	16		8671 06

  **MASCHIO / PE-PVC** - Valvola di presa in carico "Universal"

 **MALE / PE-PVC** - Saddle tapping ball valve "Universal", square-head override, yellow brass

ART. 8670

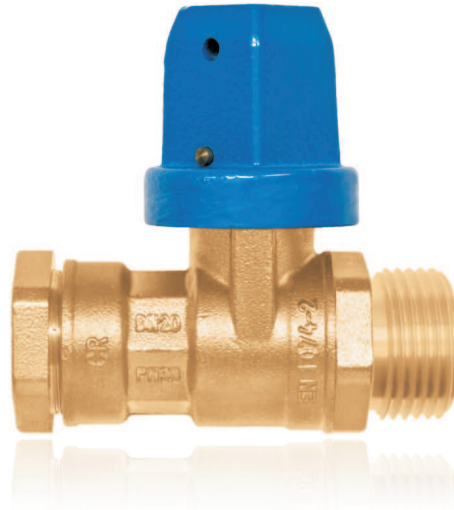


FILETTO FRANCESE FRENCH THREAD	PE-PVC	DN	PN	CODE	8670
M40 x 3 (PB)	25 mm	20	16		8670 02
M55 x 3 (PB)	32 mm	25	16		8670 03
M55 x 3 (PB)	40 mm	32	16		8670 04
M55 x 3 (PB)	50 mm	40	16		8670 05

 **MASCHIO / PE-PVC** - Valvola di presa in carico

 **MALE / PE-PVC** - Saddle tapping ball valve, square-head override, yellow brass

ART. 8668

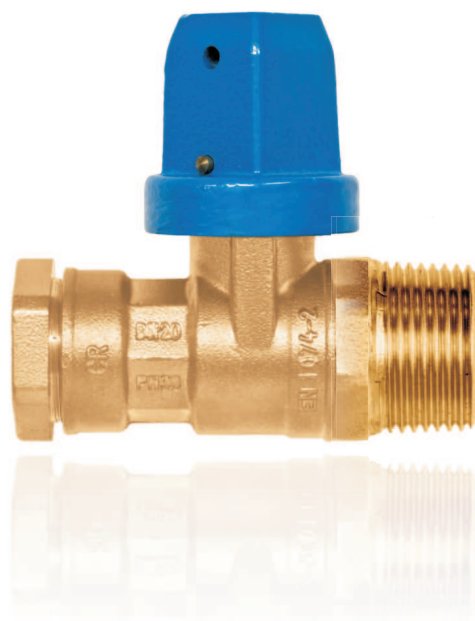


FILETTO FRANCESE FRENCH THREAD	PE-PVC	DN	PN	CODE	8668
M40 x 3 (PB)	25 mm	20	16		8668 02
M40 x 3 (PB)	32 mm	25	16		8668 03
M55 x 3 (PB)	32 mm	25	16		8668 04
M55 x 3 (PB)	40 mm	32	16		8668 05
M55 x 3 (PB)	50 mm	40	16		8668 06

 **MASCHIO / PE-PVC** - Valvola di presa in carico

 **MALE / PE-PVC** - Saddle tapping ball valve, square-head override, yellow brass

ART. 8673

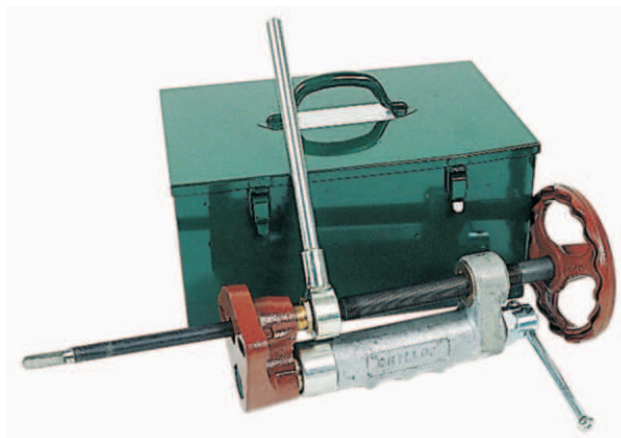


FILETTO MASCHIO MALE THREAD	DN	PE	PN	CODE	8673
1"	20	25	16		8673 02
1" 1/4	25	2	16		8673 03
1" 1/2	25	32	16		8673 04
2"	32	40	16		8673 05
2" 1/2	40	50	16		8673 06



 MACCHINA PER FORARE L'ATTACCO DELLA PRESA DI CARICO

 DRILLING MACHINE-TOOL FOR SADDLE TAPPING PREPARATION

ART. 6622




 BASE APPOGGIO TUBO RIPARATORE

 PROTECTIVE SETTING FOR EXTENSION TUBE

DN20-25 ART. 86100001




 BASE APPOGGIO TUBO RIPARATORE

 PROTECTIVE SETTING FOR EXTENSION TUBE

DN40-50 ART. 86100002




 ASTA DI MANOVRA CON TUBO RIPARATORE

 PVC TELESCOPIC EXTENSION TUBE WITH SOCKET WRENCH

ART. 6623
 TUBO RIPARATORE
 PVC TELESCOPIC
 EXTENSION TUBE

ART. 6624
 ASTA DI MANOVRA
 SOCKET WRENCH

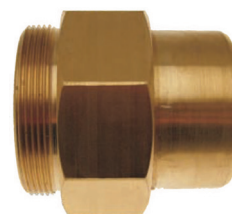




 RACCORDO METRICO-GAS

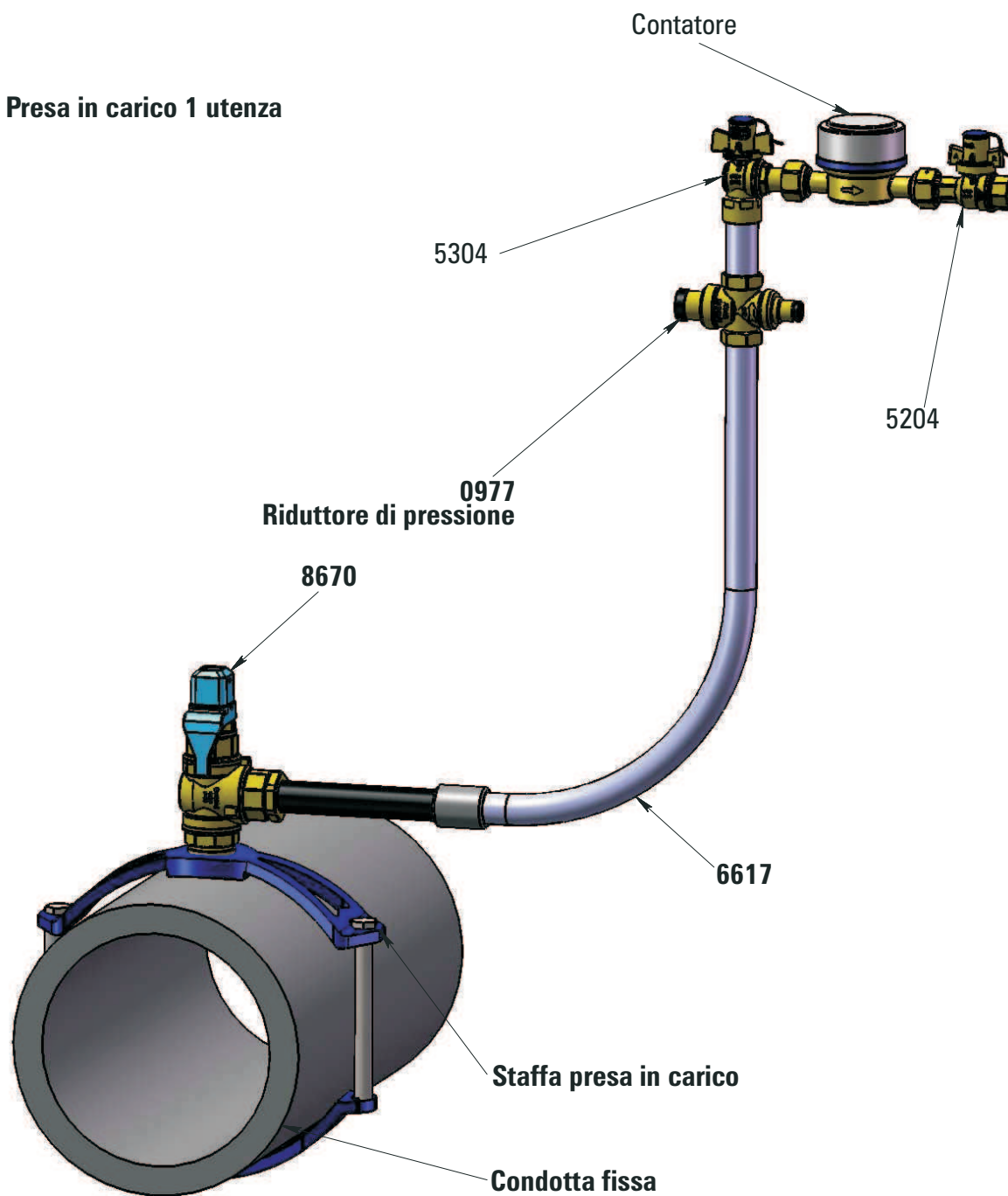
 FRENCH/GAS THREAD FITTING

ART. VARB0330 = 1"
ART. VARB0331 = 2"



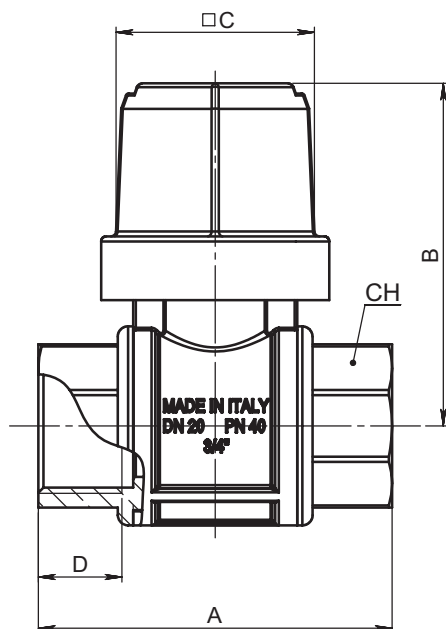
  **ESEMPIO INSTALLAZIONE**
 **INSTALLATION KIT**

Presa in carico 1 utenza

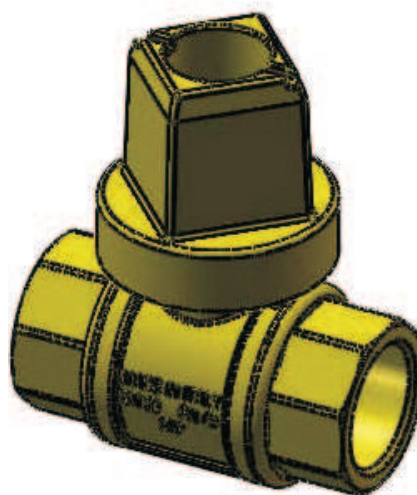
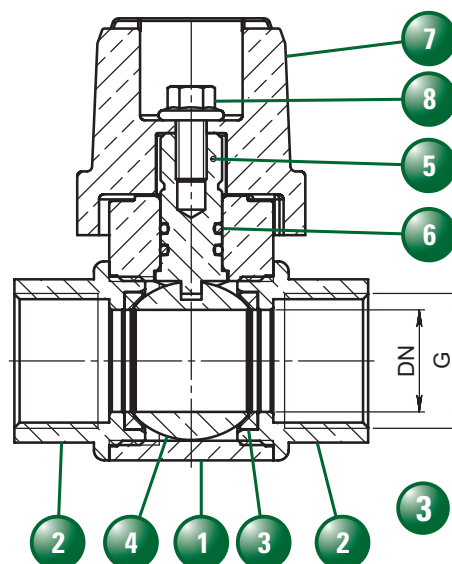




VALVOLA A SFERA CON QUADRO DA 28 mm



28 MM SQUARE HEAD BALL VALVE



DN	G	A	B	C	D	CH	PN
20	3/4"	69	67	28	16	32	40
25	1"	82.5	73	28	19	40	40
32	1 1/4"	98	78.5	28	21.4	50	25
40	1 1/2"	107	85	28	21.4	55	25
50	2"	128	92	28	25.7	69	25

N.	Denominazione	Part name	Materiale	Qty.
1	Corpo	Body	CW602N	1
2	Manicotto	End connection	CW602N	2
3	Guarnizione sfera	Ball seat	PTFE	2
4	Sfera	Ball	CW617N	1
5	Perno	Stem	CW614N	1
6	O-Ring	O-Ring	NBR70sh	2
7	Cappuccio	Cap	CW617N	1
8	Vite	Screw	UNI 5725	1



Doppio fermo meccanico di spessore 10 mm
Resistenza massima allo sforzo 400Nm



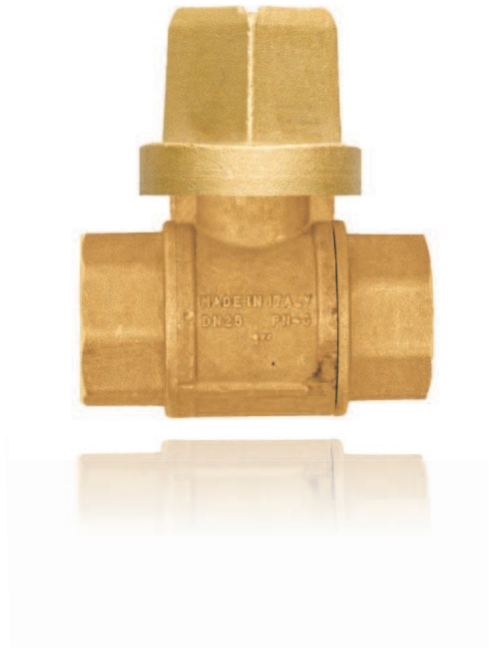
Double mechanical stop 10 mm thickness
Max strenght at torsional stress 400Nm

-   **FEMMINA / FEMMINA** - Valvola a sfera con quadro da 28 mm, modello pesante
 **FEMALE / FEMALE** - 28 mm square head ball valve, yellow brass, heavy pattern

ART. 8818

Resistenza massima allo sforzo 400Nm
Max strenght at torsional stress 400Nm

MISURA / SIZE	DN	PN		8818
1/2"	15	40	CODE	8818 02
3/4"	20	40		8818 03
1"	25	40		8818 04
1" 1/4	32	25		8818 05
1" 1/2	40	25		8818 06
2"	50	25		8818 07
2" 1/2	60	20		8818 08
3"	80	20		8818 09
4"	90	20		8818 10

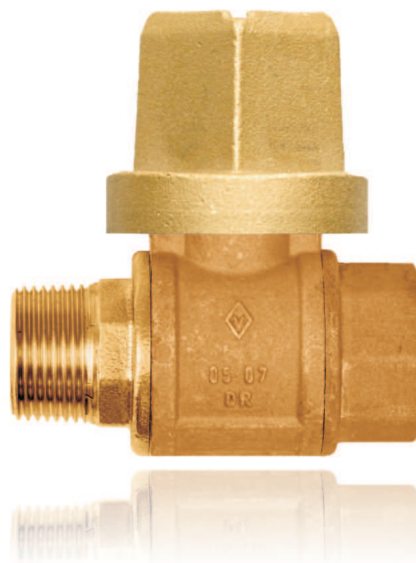


-   **MASCHIO / FEMMINA** - Valvola a sfera con quadro da 28 mm, modello pesante
 **MALE / FEMALE** - 28 mm square head ball valve, yellow brass, heavy pattern

ART. 8815

Resistenza massima allo sforzo 400Nm
Max strenght at torsional stress 400Nm

MISURA / SIZE	DN	PN		8815
1/2"	15	40	CODE	8815 02
3/4"	20	40		8815 03
1"	25	40		8815 04
1" 1/4	32	25		8815 05
1" 1/2	40	25		8815 06
2"	50	25		8815 07
2" 1/2	65	20		8815 08
3"	80	20		8815 09
4"	90	20		8815 10

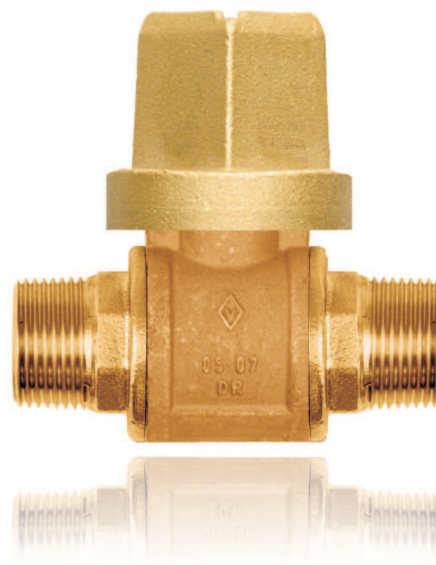


  **MASCHIO / MASCHIO** - Valvola a sfera con quadro da 28 mm, modello pesante
 **MALE / MALE** - 28 mm square head ball valve, yellow brass, heavy pattern

ART. 8816

Resistenza massima allo sforzo 400Nm
Max strenght at torsional stress 400Nm

MISURA / SIZE	DN	PN		8816
1/2"	15	40	CODE	8816 02
3/4"	20	40		8816 03
1"	25	40		8816 04
1" 1/4	32	25		8816 05
1" 1/2	40	25		8816 06
2"	50	25		8816 07
2" 1/2	65	20		8816 08
3"	80	20		8816 09
4"	90	20		8816 10

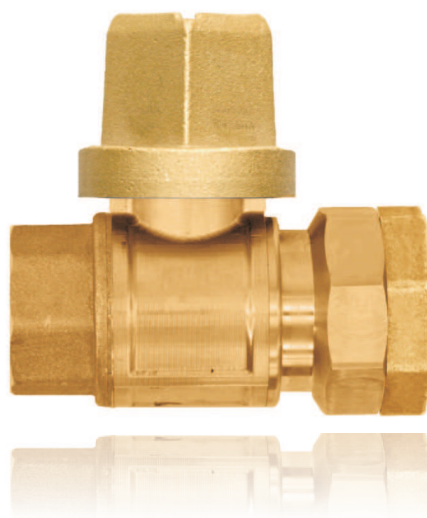


  **PE / FEMMINA** - Valvola a sfera con quadro da 28 mm, modello pesante
 **PE / FEMALE** - 28 mm square head ball valve, yellow brass, heavy pattern

ART. 8821

Resistenza massima allo sforzo 400Nm
Max strenght at torsional stress 400Nm

MISURA	DN	PN		8821
20 mm x 1/2"	15	40	CODE	8821 02
25 mm x 3/4"	20	40		8821 03
32 mm x 1"	25	40		8821 04
40 mm x 1" 1/4	32	25		8821 05
50 mm x 1" 1/2	40	25		8821 06
63 mm x 2"	50	25		8821 07
75 mm x 2" 1/2	65	20		8821 08
90 mm x 3"	80	20		8821 09
110 mm x 4"	100	20		8821 10



 **PE / MASCHIO** - Valvola a sfera con quadro da 28 mm, modello pesante

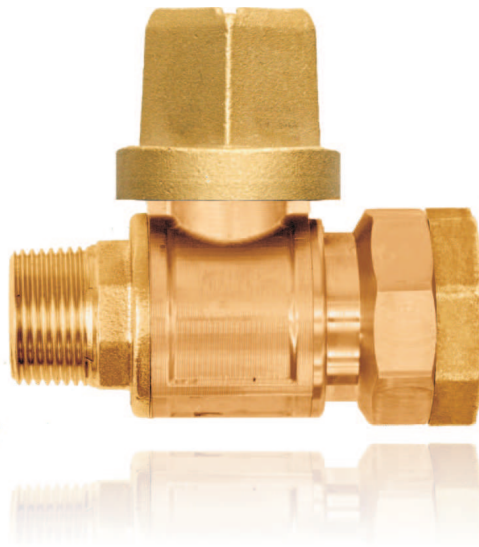
 **PE / MALE** - 28 mm square head ball valve, yellow brass, heavy pattern

ART. 8823

Resistenza massima allo sforzo 400Nm

Max strenght at torsional stress 400Nm

MISURA	DN	PN		8823
20 mm x 1/2"	15	40	CODE	8823 02
25 mm x 3/4"	20	40		8823 03
32 mm x 1"	25	40		8823 04
40 mm x 1" 1/4	32	25		8823 05
50 mm x 1" 1/2	40	25		8823 06
63 mm x 2"	50	25		8823 07
75 mm x 2" 1/2	65	20		8823 08
90 mm x 3"	80	20		8823 09
110 mm x 4"	100	20		8823 10



 **PE / PE** - Valvola a sfera con quadro da 28 mm, modello pesante

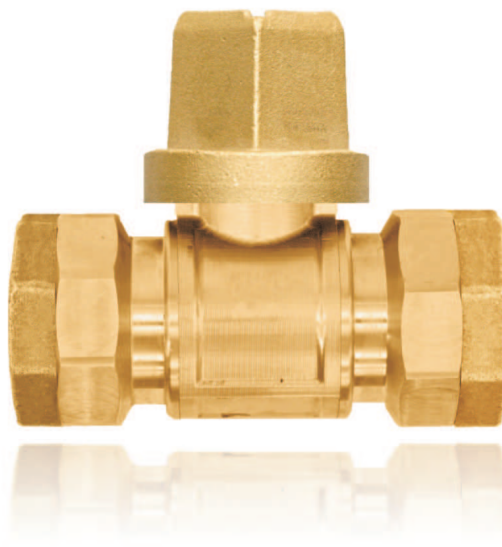
 **PE / PE** - 28 mm square head ball valve, yellow brass, heavy pattern

ART. 8822

Resistenza massima allo sforzo 400Nm

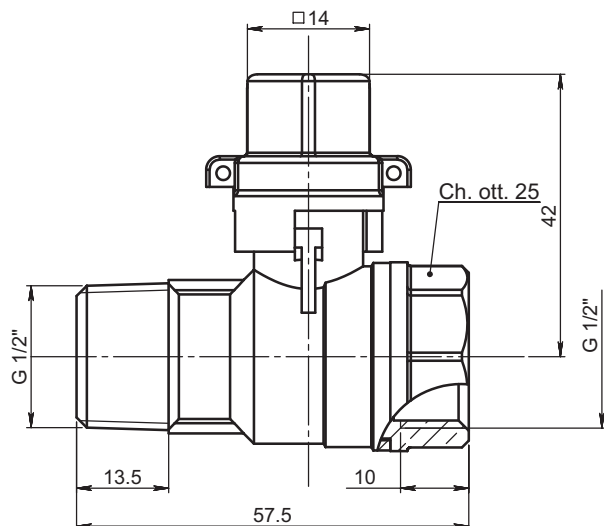
Max strenght at torsional stress 400Nm

MISURA	DN	PN		8822
20 mm	15	40	CODE	8822 02
25 mm	20	40		8822 03
32 mm	25	40		8822 04
40 mm	32	25		8822 05
50 mm	40	25		8822 06
63 mm	50	25		8822 07
75 mm	65	20		8822 08
90 mm	80	20		8822 09
110 mm	100	20		8822 10



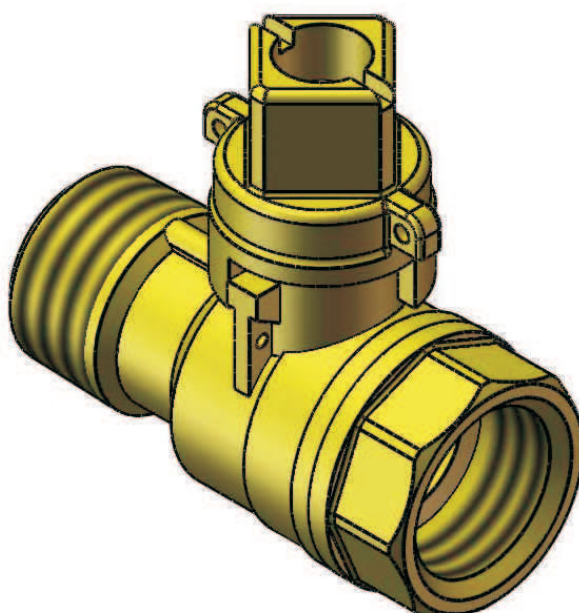
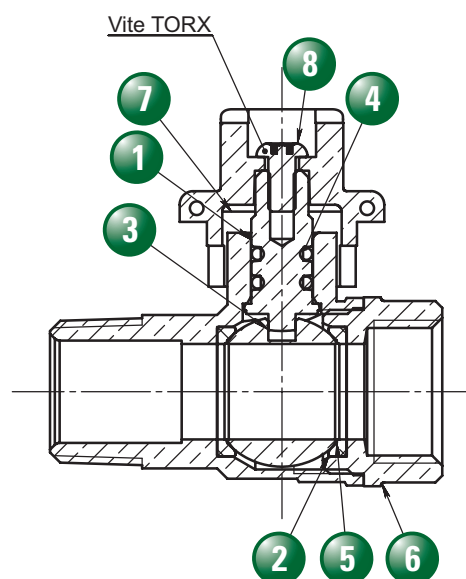


VALVOLE A SFERA DIRITTE CON QUADRO DI MANOVRA



STRAIGHT BALL VALVES WITH SQUARE-HEAD OVERRIDE

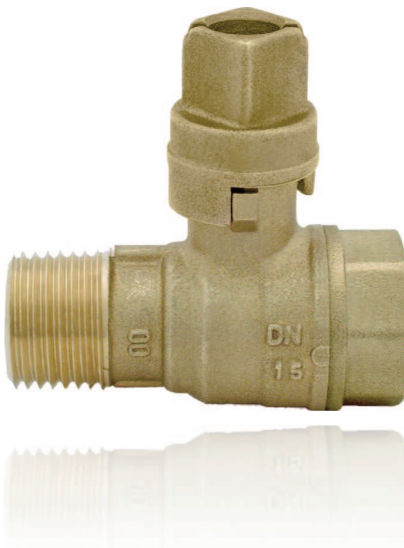
2.3



N.	Denominazione	Part name	Materiale	Qnt.
1	Corpo	Body	CW602N	1
2	Sedesfera	Ball seat	P.T.F.E.	2
3	Perno	Stem	CW614N	1
4	O-Ring	O-Ring	NBR70Sh	2
5	Sfera	Ball	CW602N	1
6	Manicotto	Coupling	CW602N	1
7	Quadro	Square-head	CW617N	1
8	Vite	Screw	UNI 5725	1

  **MASCHIO / FEMMINA** - Valvola a sfera con quadro di manovra
 **MALE / FEMALE** - Brass ball valve with square head

ART. 5403



MISURA/SIZE	DN	PN		5403
1/2" x 1/2"	15	20	CODE	5403 02
1/2" x 3/4"	15	20		5403 03
3/4" x 3/4"	15	20		5403 04
3/4" x 1"	20	20		5403 05

  **MASCHIO / MASCHIO** - Valvola a sfera con quadro di manovra
 **MALE / MALE** - Brass ball valve with square head

ART. 5413



MISURA/SIZE	DN	PN		5413
1/2" x 1/2"	15	20	CODE	5413 02
1/2" x 3/4"	15	20		5413 03
3/4" x 3/4"	15	20		5413 04
3/4" x 1"	20	20		5413 05

 **MASCHIO / PE** - Valvola a sfera con quadro di manovra

 **MALE / PE** - Brass ball valve with square head

ART. 5423



MISURA / SIZE	DN	PN		5423
1/2" x 16 mm	15	20	CODE	5423 02
1/2" x 20 mm	15	20		5423 03
1/2" x 25 mm	15	20		5423 04
3/4" x 25 mm	20	20		5423 05
3/4" x 32 mm	20	20		5423 06

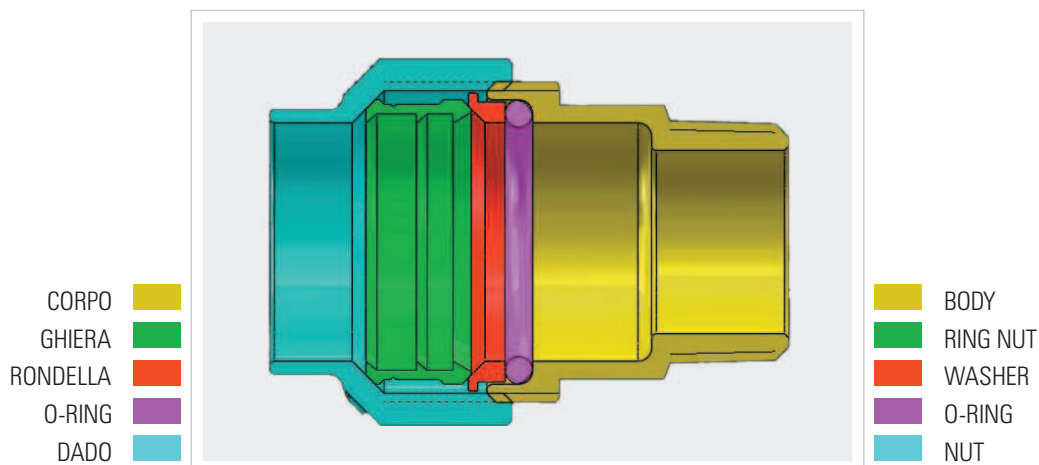
1	VALVOFIT Raccordi a compressione in ottone per tubo PE filetto ISO228-1, Gas-Acqua, PN30 <i>Brass compression fittings for PE pipes thread ISO228-1, Gas-Water, PN30</i>	111
2	VALVOPAT Raccordi a compressione per tubo PE filetto ISO7:2000, Gas-Acqua, PN40 <i>Compression fittings for PE pipes thread ISO7:2000, Gas-Water, PN40</i>	115
3	VALVOFER Raccordi a compressione in ottone per tubo in ferro <i>Brass compression fittings for iron pipe</i>	123
4	VALVOTOP Raccordi a compressione per tubo PE filetto ISO228-1, Gas-Acqua, PN16 <i>Compression fittings for PE pipes thread ISO228-1, Gas-Water, PN16</i>	125
5	Raccorderia generica in ottone <i>Threaded brass fittings</i>	129
6	Raccordi per contatori acqua <i>Fittings water-meters</i>	135

**VALVOFIT®**

Raccordi a compressione in ottone per tubo PE filetto ISO228-1,
Gas-Acqua, PN30

**VALVOFIT®**

Brass compression fittings for PE pipes thread ISO228-1,
Gas-Water, PN30

**CORPO**

OTTONE STAMPATO E SABBIATO CW617N

DADO

OTTONE STAMPATO E SABBIATO CW617N

GUARNIZIONE

O-RING NBR

RONDELLA

OTTONE CW614N

GHIERA

OTTONE CW614N

ATTACCHI

FILETTO ISO 228/1

TEMPERATURE DI ESERCIZIO

-20°C +80°C

PRESSIONE MAX

PN 30 BAR

**BODY**

CW617N FORGED AND SANDBLASTED BRASS

NUT

CW617N FORGED AND SANDBLASTED BRASS

SEAL

O-RING NBR

WASHER

CW614N BRASS

COMPRESSION NUT

CW614N BRASS

THREAD

ISO 228/1

WORKING TEMPERATURES

-20°C +80°C

MAX PRESSURE

PN 30 BAR

  **PE / MASCHIO** - Raccordo diritto in ottone
 **PE / MALE** - Brass straight fitting

ART. 8000

MISURE / SIZE	PN	CODE	8000
20 mm x 1/2"	30		8000574
25 mm x 3/4"	30		8000582
32 mm x 1"	30		8000587
40 mm x 1 1/4"	30		8000590
50 mm x 1 1/2"	30		8000593
63 mm x 2"	30		8000596

  **PE / PE** - Raccordo con dado girevole
 **PE / PE** - Fitting with swivel nut

ART. 8007



MISURE / SIZE	PN	CODE	8007
20 mm x 3/4"	30		8007575
25 mm x 3/4"	30		8007582
25 mm x 1"	30		8007584
32 mm x 1"	30		8007587

  **PE / FEMMINA** - Raccordo diritto in ottone
 **PE / FEMALE** - Brass straight fitting

ART. 8005



MISURE / SIZE	PN	CODE	8005
20 mm x 1/2"	30		8005574
25 mm x 3/4"	30		8005582
32 mm x 1"	30		8005587
40 mm x 1 1/4"	30		8005590
50 mm x 1 1/2"	30		8005593
63 mm x 2"	30		8005596

  **PE / PE** - Raccordo diritto in ottone
 **PE / PE** - Brass straight fitting tube to tube

ART. 8015



MISURE / SIZE	PN	CODE	8015
20 mm	30		801520
25 mm	30		801525
32 mm	30		801532
40 mm	30		801540
50 mm	30		801550
63 mm	30		801563

  **PE / FEMMINA** - Raccordo a "T" in ottone
 **PE / FEMALE** - Brass "T" fitting, central way threaded

ART. 8025



MISURE / SIZE	PN	CODE	8025
20 mm x 1/2"	30		8025574
25 mm x 3/4"	30		8025582
32 mm x 1"	30		8025587
40 mm x 1" 1/4	30		8025590
50 mm x 1" 1/2	30		8025593
63 mm x 2"	30		8025596

  **PE / PE** - Raccordo a "T" in ottone
 **PE / PE** - Brass "T" fitting tube to tube

ART. 8030



MISURE / SIZE	PN	CODE	8030
20 mm	30		803020
25 mm	30		803025
32 mm	30		803032
40 mm	30		803040
50 mm	30		803050
63 mm	30		803063

  **PE / MASCHIO** - Raccordo ad angolo in ottone
 **PE / MALE** - Brass elbow fitting

ART. 8035



MISURE / SIZE	PN	CODE	8035
20 mm x 1/2"	30		8035574
25 mm x 3/4"	30		8035582
32 mm x 1"	30		8035587
40 mm x 1" 1/4	30		8035590
50 mm x 1" 1/2	30		8035593
63 mm x 2"	30		8035596

  **PE/FEMMINA** - Raccordo a gomito in ottone
 **PE / FEMALE** - Brass elbow fitting

ART. 8037



MISURE / SIZE	PN	CODE	8037
20 mm x 1/2"	30		8037574
25 mm x 3/4"	30		8037582
32 mm x 1"	30		8037587
40 mm x 1" 1/4	30		8037590
50 mm x 1" 1/2	30		8037593
63 mm x 2"	30		8037596

  **PE / PE** - Raccordo a gomito in ottone
 **PE / PE** - Brass elbow fitting tube to tube

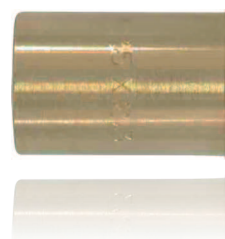
ART. 8039



MISURE / SIZE	PN	CODE	8039
20 mm	20		803920
25 mm	20		803925
32 mm	20		803932
40 mm	20		803940
50 mm	20		803950
63 mm	20		803963

  **PE / PE** - Inserto per tubo in PE
 **PE / PE** - Bushing for PE-tubing

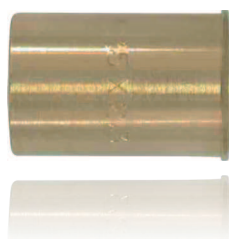
ART. 6200A



MISURE / SIZE	PN	CODE	6200A
20 x 2,0 mm			6200A614
25 x 2,3 mm			6200A616
32 x 3,0 mm			6200A618
40 x 3,7 mm			6200A619
50 x 4,6 mm			6200A620
63 x 5,8 mm			6200A621

  **PE / PE** - Inserto per tubo PE GAS
 **PE / PE** - Insert for Gas PE pipe

ART. 6200G*



MISURE / SIZE	PN	CODE	6200G
20 x 3,0 mm			6200G615
25 x 3,0 mm			6200G617
32 x 3,0 mm			6200G618
40 x 3,7 mm			6200G619
50 x 4,6 mm			6200G620
63 x 5,8 mm			6200G621



* OBBLIGATORIO PER USO GAS



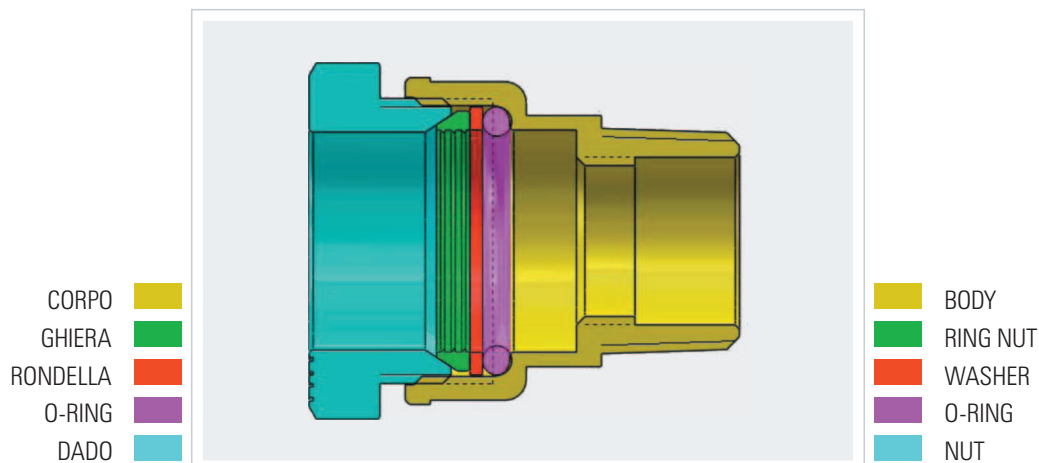
* COMPULSORY FOR GAS USE

**VALVOPAT®**

Raccordi a compressione per tubo PE filetto ISO7:2000,
Gas-Acqua, PN40

**VALVOPAT®**

Brass compression fittings for PE pipes thread ISO7:2000,
Gas-Water, PN40



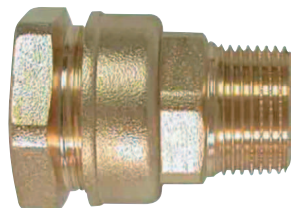
CORPO	OTTONE STAMPATO E SABBIATO CW617N
DADO	OTTONE STAMPATO E SABBIATO CW617N
GUARNIZIONE	O-RING NBR (A RICHIESTA EPDM)
RONDELLA	OTTONE CW614N
GHIERA	OTTONE CW614N
ATTACCHI	FILETTO ISO 7/1 (A RICHIESTA NPT)
TEMPERATURE DI ESERCIZIO	-20°C +80°C
PRESSIONE MAX	PN 40 BAR



BODY	W617N FORGED AND SANDBLASTED BRASS
NUT	CW617N FORGED AND SANDBLASTED BRASS
SEAL	O-RING NBR (EPDM UPON REQUEST)
WASHER	CW614N BRASS COMPRESSION
NUT	CW614N BRASS
THREAD	ISO 7/1 (NPT UPON REQUEST)
WORKING TEMPERATURES	-20°C +80°C
MAX PRESSURE	PN 40 BAR

 RACCORDO DIRITTO MASCHIO
 STRAIGHT MALE COUPLER

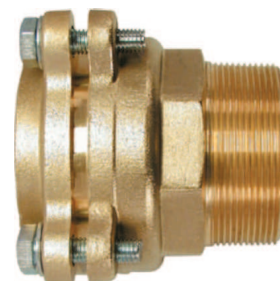
ART. 3000



MISURA / SIZE	PN	CODE	3000
20 mm x 3/8"	40		3000573
20 mm x 1/2"	40		3000574
20 mm x 3/4"	40		3000575
25 mm x 1/2"	40		3000581
25 mm x 3/4"	40		3000582
25 mm x 1"	40		3000584
32 mm x 3/4"	40		3000586
32 mm x 1"	40		3000587
32 mm x 1" 1/4	40		3000588
40 mm x 1"	40		3000589
40 mm x 1" 1/4	40		3000590
40 mm x 1" 1/2	40		3000591
50 mm x 1" 1/4	40		3000592
50 mm x 1" 1/2	40		3000593
50 mm x 2"	40		3000594
63 mm x 1" 1/2	40		3000595
63 mm x 2"	40		3000596
63 mm x 2" 1/2	40		3000597

 RACCORDO DIRITTO MASCHIO FLANGIATO
 STRAIGHT MALE COUPLER WITH FLANGE

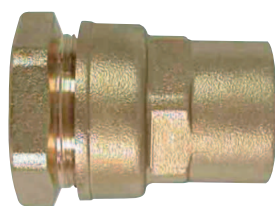
ART. 3000



MISURA / SIZE	PN	CODE	3000
75 mm x 2"	40		3000598
75 mm x 2" 1/2	40		3000599
90 mm x 1/2"	40		3000600
90 mm x 3"	40		3000601
110 mm x 4"	40		3000602

 RACCORDO DIRITTO FEMMINA
 STRAIGHT FEMALE COUPLER

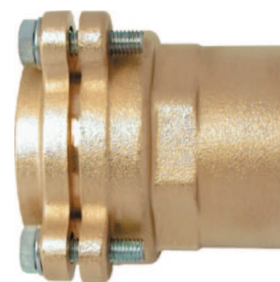
ART. 3005



MISURA / SIZE	PN	CODE	3005
20 mm x 3/8"	40		3005573
20 mm x 1/2"	40		3005574
20 mm x 3/4"	40		3005575
22 mm x 1/2"	40		3005627
22 mm x 3/4"	40		3005579
25 mm x 1/2"	40		3005581
25 mm x 3/4"	40		3005582
25 mm x 1"	40		3005584
32 mm x 3/4"	40		3005586
32 mm x 1"	40		3005587
32 mm x 1" 1/4	40		3005588
40 mm x 1"	40		3005589
40 mm x 1" 1/4	40		3005590
40 mm x 1" 1/2	40		3005591
50 mm x 1" 1/4	40		3005592
50 mm x 1" 1/2	40		3005593
50 mm x 2"	40		3005594
63 mm x 1" 1/2	40		3005595

 RACCORDO DIRITTO FEMMINA FLANGIATO
 STRAIGHT FEMALE COUPLER WITH FLANGE

ART. 3005

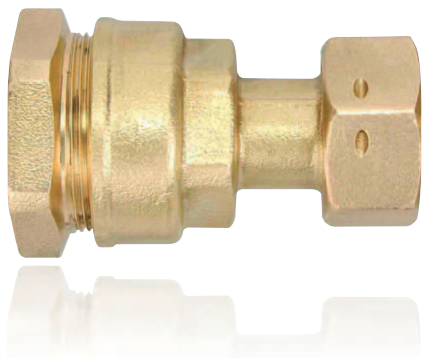


MISURA / SIZE	PN	CODE	3005
75 mm x 2" 1/2	40		3005599
90 mm x 3"	40		3005601
110 mm x 4"	40		3005602



RACCORDO CON DADO GIREVOLE

STRAIGHT COUPLER WITH SWIVEL NUT

ART. 3007


MISURA	PN	CODE	3007
20 mm x 3/4"	40		3007575
25 mm x 3/4"	40		3007582
25 mm x 1"	40		3007584
32 mm x 3/4"	40		3007586
32 mm x 1"	40		3007587
32 mm x 1" 1/4	40		3007588
40 mm x 1" 1/2	40		3007591
50 mm x 2"	40		3007594



MANICOTTO DI ACCOPPIAMENTO

CONNECTING COUPLER

ART. 3015


MISURA	PN	CODE	3015
20 mm	40		301520
25 mm	40		301525
32 mm	40		301532
40 mm	40		301540
50 mm	40		301550
63 mm	40		301563



MANICOTTO DI ACCOPPIAMENTO FLANGIATO

CONNECTING COUPLER WITH FLANGE

ART. 3015


MISURA	PN	CODE	3015
75 mm	40		301575
90 mm	40		301590
110 mm	40		3015110



MANICOTTO DI ACCOPPIAMENTO ALLUNGATO

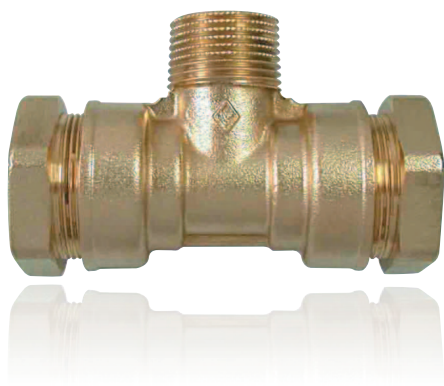
EXTENDED COUPLER

ART. 3040


MISURA	PN	CODE	3040
20 mm x 20 mm	40		304020
25 mm x 25 mm	40		304025
32 mm x 32 mm	40		304032
40 mm x 40 mm	40		304040
50 mm x 50 mm	40		304050
63 mm x 63 mm	40		304063

  **RACCORDO A "T" MASCHIO FLANGIATO**
 **MALE TEE COUPLER WITH FLANGE**

ART. 3020



MISURA	PN	CODE	3020
20 mm x 1/2"	40		3020574
25 mm x 1/2"	40		3020581
25 mm x 3/4"	40		3020582
32 mm x 1"	40		3020587
40 mm x 1" 1/4	40		3020590
50 mm x 1" 1/2	40		3020593
63 mm x 2"	40		3020596

  **RACCORDO A "T" FEMMINA**
 **FEMALE TEE COUPLER**

ART. 3025



MISURA	PN	CODE	3025
20 mm x 1/2"	40		3025574
25 mm x 1/2"	40		3025581
25 mm x 3/4"	40		3025582
32 mm x 3/4"	40		3025586
32 mm x 1"	40		3025587
40 mm x 1"	40		3025589
40 mm x 1" 1/4	40		3025590
50 mm x 1" 1/4	40		3025592
50 mm x 1" 1/2	40		3020593
63 mm x 1" 1/2	40		3025595
63 mm x 2"	40		3025596

  **RACCORDO A "T" MASCHIO FLANGIATO**
 **MALE TEE COUPLER WITH FLANGE**

ART. 3020



MISURA	PN	CODE	3020
75 mm x 2 1/2"	40		3020599
90 mm x 3"	40		3020601

  **RACCORDO A "T" FEMMINA, FLANGIATO**
 **FEMALE TEE COUPLER WITH FLANGE**

ART. 3025



MISURA	PN	CODE	3025
75 mm x 2"	40		3025598
90 mm x 2" 1/2	40		3025600



RACCORDO A "T" UGUALE

EQUAL TEE COUPLER

ART. 3030


MISURA	PN	CODE	3030
20 mm	40		303020
25 mm	40		303025
32 mm	40		303032
40 mm	40		303040
50 mm	40		303050
63 mm	40		303063



RACCORDO A GOMITO MASCHIO

MALE ELBOW

ART. 3035


MISURA	PN	CODE	3035
20 mm x 1/2"	40		3035574
25 mm x 3/4"	40		3035582
32 mm x 1"	40		3035587
40 mm x 1 1/4"	40		3035590
50 mm x 1 1/2"	40		3035593
63 mm x 2"	40		3035596



RACCORDO A "T" UGUALE, FLANGIATO

EQUAL TEE COUPLER WITH FLANGE

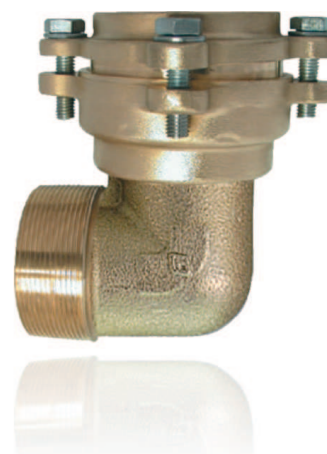
ART. 3030


MISURA	PN	CODE	3030
75 mm	40		303075
90 mm	40		303090



RACCORDO A GOMITO MASCHIO, FLANGIATO

MALE ELBOW WITH FLANGE

ART. 3035


MISURA	PN	CODE	3035
75 mm x 2 1/2"	40		3035599
90 mm x 3"	40		3035601

 RACCORDO A GOMITO CON DADO GIREVOLE
 ELBOW COUPLER WITH SWIVEL NUT

ART. 3036



MISURA	PN	CODE	3036
20 mm x 3/4"	40		3036575
25 mm x 3/4"	40		3036582
25 mm x 1"	40		3036584
32 mm x 3/4"	40		3036586
32 mm x 1"	40		3036587
40 mm x 1"	40		3036589
40 mm x 1 1/2"	40		3036591
50 mm x 1 1/2"	40		3036593
50 mm x 2"	40		3036594

 RACCORDO A GOMITO FEMMINA
 FEMALE ELBOW

ART. 3037



MISURA	PN	CODE	3037
20 mm x 1/2"	40		3037574
25 mm x 3/4"	40		3037582
32 mm x 1"	40		3037587
40 mm x 1 1/4"	40		3037590
50 mm x 1 1/2"	40		3037593
63 mm x 2"	40		3037596

 RACCORDO A GOMITO FEMMINA, FLANGIATO
 FEMALE ELBOW WITH FLANGE

ART. 3037



MISURA	PN	CODE	3037
75 mm x 2 1/2"	40		3037599
90 mm x 3"	40		3037601

 RACCORDO A GOMITI UGUALI
 CONNECTING ELBOW

ART. 3039



MISURA	PN	CODE	3039
20 mm x 20 mm	40		303920
25 mm x 25 mm	40		303925
32 mm x 32 mm	40		303932
40 mm x 40 mm	40		303940
50 mm x 50 mm	40		303950
63 mm x 63 mm	40		303963

  **RACCORDO A GOMITI UGUALI, FLANGIATO**
  **CONNECTING ELBOW WITH FLANGE**

ART. 3039



MISURA	PN	CODE	3039
75 mm	40		303975
90 mm	40		303990

  **RIDUZIONE - PE / PE**
  **REDUCTION - PE / PE**

ART. 3061



MISURA	PN	CODE	3061
25 mm x 20 mm	40		3061604
32 mm x 20 mm	40		3061605
32 mm x 25 mm	40		3061606
40 mm x 25 mm	40		3061607
40 mm x 32 mm	40		3061608
50 mm x 32 mm	40		3061609
50 mm x 40 mm	40		3061610
63 mm x 40 mm	40		3061611
63 mm x 50 mm	40		3061612

  **RACCORDO A MURO - FEMMINA / PE**
  **WALL ELBOW COUPLER - FEMALE / PE**

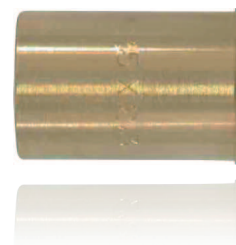
ART. 3080



MISURA	PN	CODE	3080
20 mm x 1/2"	40		3080574
25 mm x 3/4"	40		3080582
25 mm x 1/2"	40		3080581
32 mm x 3/4"	40		3080586
32 mm x 1"	40		3080587

  **PE / PE - Inserto per tubo in PE**
  **PE / PE - Bushing for PE-tubing**

ART. 6200A

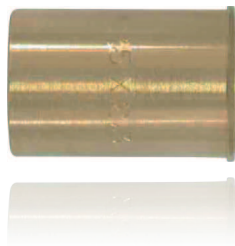


MISURE / SIZE	PN	CODE	6200A
20 x 2,0 mm			6200A614
25 x 2,3 mm			6200A616
32 x 3,0 mm			6200A618
40 x 3,7 mm			6200A619
50 x 4,6 mm			6200A620
63 x 5,8 mm			6200A621

 **PE / PE** - Inserto per tubo PE GAS

 **PE / PE** - Insert for Gas PE pipe

ART. 6200G*



MISURE / SIZE	PN	6200G
20 x 3,0 mm	CODE	6200G615
25 x 3,0 mm		6200G617
32 x 3,0 mm		6200G618
40 x 3,7 mm		6200G619
50 x 4,6 mm		6200G620
63 x 5,8 mm		6200G621



* OBBLIGATORIO PER USO GAS



* COMPULSORY FOR GAS USE

**VALVOFER**

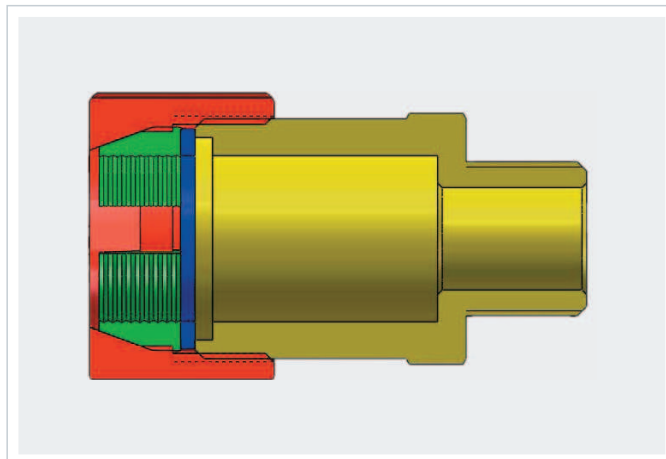
Raccordi a compressione in ottone per tubo in ferro

**VALVOFER**

Brass compression fittings for iron pipe

3.4

CORPO 
 GHIERA 
 GUARNIZIONE 
 DADO 



 BODY
 RING NUT
 SEAL
 NUT



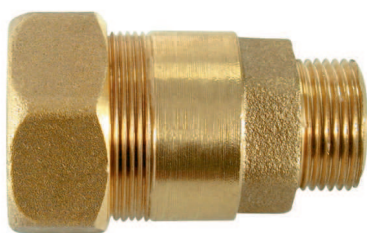
CORPO	OTTONE STAMPATO E SABBIATO CW617N
DADO	OTTONE STAMPATO E SABBIATO CW617N
GUARNIZIONE	O-RING HNBR
RONDELLA	OTTONE
GHIERA	ACCIAIO
ATTACCHI	ISO228/1
TEMPERATURE DI ESERCIZIO	-35°C +150°C
PRESSIONE MAX	PN 16 BAR



BODY	CW617N FORGED AND SANDBLASTED BRASS
NUT	CW617N FORGED AND SANDBLASTED BRASS
SEAL	O-RING HNBR
WASHER	BRASS
COMPRESSION NUT	STEEL
THREAD	ISO228/1
WORKING TEMPERATURES	-35°C +150°C
MAX PRESSURE	PN 16 BAR

  **RACCORDO DRITTO MASCHIO A COMPRESSIONE PER TUBO IN FERRO**
 **COMPRESSION / MALE - STRAIGHT STEEL-PIPE COUPLER**

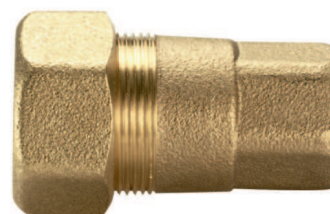
ART. 2000



MISURA	PN		2000
3/8" x 17	16	CODE	2000503
1/2" x 21	16		2000514
3/4" x 27	16		2000527
1" x 34	16		2000535
1" 1/4 x 42	16		2000550
1" 1/2 x 49	16		2000554
2" x 60	16		2000558

  **RACCORDO DIRITTO FEMMINA A COMPRESSIONE PER TUBO IN FERRO**
 **COMPRESSION / FEMALE - STRAIGHT STEEL-PIPE COUPLER**

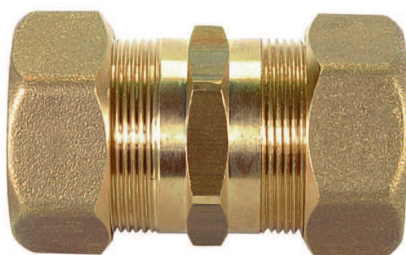
ART. 2005



MISURA	PN		2005
3/8" x 17	16	CODE	2005503
1/2" x 21	16		2005514
3/4" x 27	16		2005527
1" x 34	16		2005535
1" 1/4 x 42	16		2005550
1" 1/2 x 49	16		2005554
2" x 60	16		2005558

  **MANICOTTO ACCOPPIAMENTO A COMPRESSIONE PER TUBO IN FERRO**
 **STRAIGHT STEEL PIPE COMPRESSION COUPLER**

ART. 2015



MISURA	PN		2015
3/8"	16	CODE	201517
1/2"	16		201521
3/4"	16		201527
1"	16		201534
1" 1/4	16		201542
1" 1/2	16		201549
2"	16		201560

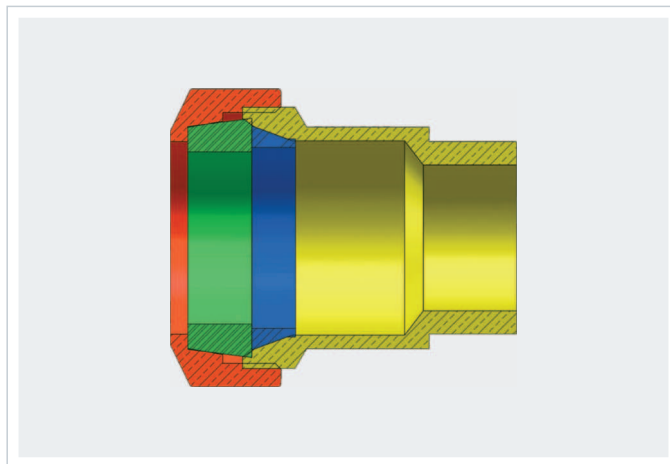
**VALVOTOP**

Raccordi a compressione per tubo PE filetto ISO 228-1,
Gas-Acqua, PN16

**VALVOTOP**

Brass compression fittings for PE pipes thread ISO 228-1,
Gas-Water, PN16

CORPO 
GHIERA 
GUARNIZIONE 
DADO 



BODY 
RING NUT 
SEAL 
NUT 

**CORPO**

OTTONE STAMPATO E SABBIATO CW617N

DADO

OTTONE STAMPATO E SABBIATO CW617N

GUARNIZIONE

O-RING NBR

GHIERA

MATERIALE PLASTICO

ATTACCHI

ISO228/1

TEMPERATURE DI ESERCIZIO

-20°C +80°C

PRESSIONE MAX

PN 16 BAR

**BODY**

CW617N FORGED AND SANDBLASTED BRASS

NUT

CW617N FORGED AND SANDBLASTED BRASS

SEAL

O-RING NBR

COMPRESSION NUT

PLASTIC RING-NUT

THREAD

ISO228/1

WORKING TEMPERATURES

-20°C +80°C

MAX PRESSURE

PN 16 BAR

 RACCORDO DIRITTO MASCHIO
 STRAIGHT MALE FITTING

ART. 1101



MISURE / SIZE	PN		1101
20 x 1/2"	16	CODE	1101574
25 x 1/2"	16		1101581
25 x 3/4"	16		1101582
32 x 3/4"	16		1101586
32 x 1"	16		1101587
40 x 1"	16		1101589
40 x 1 1/4"	16		1101590
50 x 1 1/2"	16		1101593
63 x 2"	16		1101596

 RACCORDO DIRITTO FEMMINA
 STRAIGHT FEMALE FITTING

ART. 1103



MISURE / SIZE	PN		1103
20 x 1/2"	16	CODE	1103574
25 x 1/2"	16		1103581
25 x 3/4"	16		1103582
32 x 3/4"	16		1103586
32 x 1"	16		1103587
40 x 1"	16		1103589
40 x 1 1/4"	16		1103590
50 x 1 1/2"	16		1103593
63 x 2"	16		1103596

 RACCORDO DIRITTO, TUBO/TUBO
 STRAIGHT FITTING, TUBE TO TUBE

ART. 1105



MISURE / SIZE	PN		1105
20 x 20	16	CODE	110520
25 x 25	16		110525
32 x 32	16		110532
40 x 40	16		110540
50 x 50	16		110550
63 x 63	16		110563

 RACCORDO GOMITO MASCHIO
 MALE ELBOW

ART. 1106



MISURE / SIZE	PN		1106
20 x 1/2"	16	CODE	1106574
25 x 3/4"	16		1106587
32 x 1"	16		1106582
40 x 1 1/4"	16		1106590
50 x 1 1/2"	16		1106593
63 x 2"	16		1106596

 RACCORDO GOMITO FEMMINA
 FEMALE ELBOW

ART. 1111



MISURE/SIZE	PN		1111
20 x 1/2"	16	CODE	1111574
25 x 3/4"	16		1111582
32 x 1"	16		1111587
40 x 1 1/4"	16		1111590
50 x 1 1/2"	16		1111593
63 x 2"	16		1111596

 RACCORDO A "T"
 "T" FITTING

ART. 1108



MISURE/SIZE	PN		1108
20 x 20 x 20	16	CODE	110820
25 x 25 x 25	16		110825
32 x 32 x 32	16		110832
40 x 40 x 40	16		110840
50 x 50 x 50	16		110850
63 x 63 x 63	16		110863

 RACCORDO A "T", FEMMINA CENTRALE
 "T" FITTING, CENTRAL FEMALE

ART. 1107



MISURE/SIZE	PN		1111
20 x 1/2" x 20	16	CODE	1107574
25 x 3/4" x 25	16		1107582
32 x 1" x 32	16		1107587
40 x 1 1/4" x 40	16		1107590
50 x 1 1/2" x 50	16		1107593
63 x 2" x 63	16		1107596

 RACCORDO A GOMITO TUBO/TUBO
 ELBOW FITTING, TUBE TO TUBE

ART. 1109



MISURE/SIZE	PN		1109
20 x 20	16	CODE	110920
25 x 25	16		110925
32 x 32	16		110932
40 x 40	16		110940
50 x 50	16		110950
63 x 63	16		110963

CW602N BRASS ACCESSORIES

  BOCCOLA DI RINFORZO IDONEA AD UTILIZZO PER ACQUA
 REINFORCEMENT INSERT FOR USAGE IN WATER APPLICATIONS

ART. 1110A



MISURE/SIZE	PN	1110A
20	CODE	1110A02
25		1110A04
32		1110A06
40		1110A08
50		1110A10
63		1110A12

  BOCCOLA DI RINFORZO IDONEA AD UTILIZZO PER GAS
 REINFORCEMENT INSERT FOR USAGE IN GAS APPLICATIONS

ART. 1110G

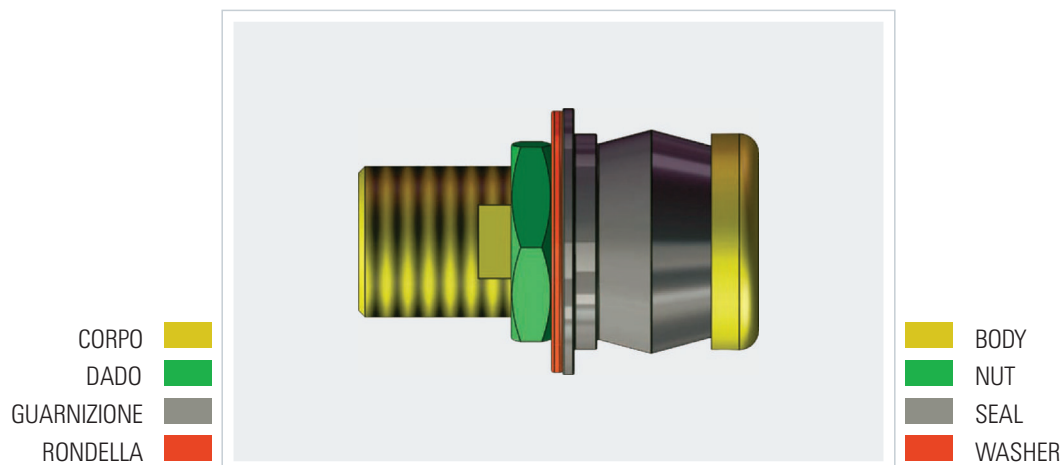


MISURE/SIZE	PN	1110G
20	CODE	1110G02
25		1110G04
32		1110G06
40		1110G08
50		1110G10
63		1110G12


**RACCORDERIA GENERICA
IN OTTONE**

THREADED BRASS FITTINGS

3.5


OTTONE

STAMPATO E SABBATO CW617N

FILETTI

ISO 228/1

FINITURA

GIALLA O NICHELATA


BRASS

CW617N FORGED BRASS

THREAD

ISO 228/1

FINISH

BRASS FINISH OR NICKEL PLATED

  **PROLUNGA FILETTATA. MASCHIO / FEMMINA**
 **THREADED EXTENSION. MALE / FEMALE**

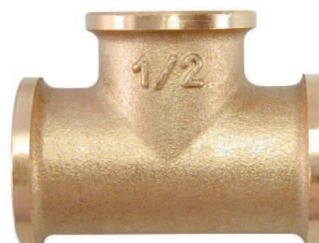
ART. 139



MISURE / SIZE	PN	139
3/8" x 10 mm		01393810
3/8" x 15 mm		01393815
3/8" x 20 mm		01393820
3/8" x 30 mm		01393830
3/8" x 40 mm		01393840
3/8" x 50 mm		01393850
1/2" x 10 mm		01391210
1/2" x 15 mm		01391215
1/2" x 20 mm		01391220
1/2" x 25 mm		01391225
1/2" x 30 mm		01391230
1/2" x 40 mm		01391240
1/2" x 50 mm		01391250
1/2" x 60 mm		01391260
1/2" x 80 mm		01391280
1/2" x 100 mm		013912100
3/4" x 10 mm		01393410
3/4" x 15 mm		01393415
3/4" x 20 mm		01393420
3/4" x 25 mm		01393425
3/4" x 30 mm		01393430
3/4" x 40 mm		01393440
3/4" x 50 mm		01393450
3/4" x 60 mm		01393460
3/4" x 80 mm		01393480
3/4" x 100 mm		013934100
1" x 12 mm		0139112
1" x 15 mm		0139115
1" x 20 mm		0139120
1" x 30 mm		0139130
1" x 40 mm		0139140
1" x 50 mm		0139150

  **RACCORDO A "T" FEMMINA**
 **FEMALE "T" FITTING**

ART. 140



MISURE / SIZE	PN	140
3/8" x 3/8" x 3/8"		014003
1/2" x 1/2" x 1/2"		014004
3/4" x 1/2" x 3/4"		014005
3/4" x 3/4" x 3/4"		014006
1" x 1/2" x 1"		0140071
1" x 3/4" x 1"		014007
1" x 1" x 1"		014008
1"1/4 x 1"1/4 x 1"1/4		014010
1" 1/2 x 1"1/2 x 1" 1/2		014012
2" x 2" x 2"		014016

  **RACCORDO A GOMITO FEMMINA**
 **FEMALE ELBOW FITTING**

ART. 141



MISURE / SIZE	PN	141
3/8" x 3/8"		014103
1/2" x 1/2"		014104
3/4" x 3/4"		014106
1" x 1"		014108
1"1/4 x 1"1/4		014110
1 1/2" x 1 1/2"		014112
2" x 2"		014116

 RACCORDO A GOMITO MASCHIO / FEMMINA
 MALE / FEMALE ELBOW FITTING

ART. 142



MISURE/SIZE	PN	CODE	142
3/8" x 3/8"			014203
1/2" x 1/2"			014204
3/4" x 3/4"			014206
1" x 1"			014208
1 1/4" x 1 1/4"			014210
1 1/2" x 1 1/2"			014212
2" x 2"			014216

 RACCORDO A CROCE FEMMINA
 FEMALE CROSS FITTING

ART. 149



MISURE/SIZE	PN	CODE	149
1/2"			14904
3/4"			14906
1"			14908

 RACCORDO DIRITTO MASCHIO / MASCHIO
 MALE / MALE STRAIGHT FITTING

ART. 144



MISURE/SIZE	PN	CODE	144
1/4" x 1/4"			014402
1/4" x 1/8"			0144021
1/4" x 3/8"			0144022
1/4" x 1/2"			0144023
3/8" x 3/8"			014403
3/8" x 1/2"			0144031
1/2" x 1/2"			014404
1/2" x 3/4"			0144041
1/2" x 1"			0144042
1/2" x 1 1/4"			0144043
3/4" x 3/4"			014406
3/4" x 1"			0144061
3/4" x 1 1/4"			0144062
1" x 1"			014408
1" x 1 1/4"			0144081
1" x 1 1/2"			0144082
1" x 2"			0144083
1 1/4" x 1 1/4"			014410
1 1/4" x 1 1/2"			0144101
1 1/4" x 2"			0144102
1 1/2" x 1 1/2"			014412
1 1/2" x 2"			0144121
2"			014416
2" x 2 1/2"			0144161
2 1/2"			014420
3"			014424

 RACCORDO DIRITTO FEMMINA / FEMMINA
 FEMALE / FEMALE STRAIGHT FITTING

ART. 145



MISURE/SIZE	PN	CODE	145
3/8" x 3/8"			014503
3/8" x 1/2"			0145031
3/8" x 3/4"			0145032
1/4" x 1/2"			0145033
1/4" x 3/4"			0145034
1/2" x 1/2"			014504
1/2" x 3/4"			0145041
1/2" x 1"			0145042
3/4" x 3/4"			014506
3/4" x 1"			0145061
3/4" x 1 1/4"			0145062
1" x 1"			014508
1" x 1 1/4"			0145081
1" x 1 1/2"			0145082
1" x 2"			0145083
1 1/4" x 1 1/4"			014510
1 1/4" x 1 1/2"			0145101
1 1/4" x 2"			0145102
1 1/2" x 1 1/2"			014512
1 1/2" x 2"			0145121
2"			014516

  **RACCORDO DIRITTO MASCHIO / FEMMINA**
 **MALE / FEMALE STRAIGHT FITTING**

ART. 146



MISURE / SIZE	PN	146
1/2" x 1/4"	CODE	0146041
1/2" x 3/8"		0146042
3/4" x 3/8"		0146061
3/4" x 1/2"		0146062
3/4" x 3/4"		0146066
1" x 1/2"		0146081
1" x 3/4"		0146082
1"1/4 x 1"		0146103
1"1/4 x 1/2"		0146104
1"1/4 x 3/4"		0146105
1"1/4 x 1"1/4"		0146110
1"1/2 x 1"		0146121
1"1/2 x 1"1/4"		0146122
1"1/2 x 1"1/2"		014612
2" x 1"1/2"		0146161

  **RACCORDO DIRITTO NICHELATO MASCHIO / FEMMINA**
 **NICKEL-PLATED STRAIGHT FITTING MALE / FEMALE**

ART. 147



MISURE / SIZE	PN	146
1/4" x 1/8"	CODE	014702
3/8" x 1/8"		0147031
3/8" x 1/4"		0147032
1/2" x 1/4"		0147041
1/2" x 3/8"		0147042
3/4" x 1/4"		0147061
3/4" x 3/8"		0147062
3/4" x 1/2"		0147063
1" x 1/4"		0147081
1" x 3/8"		0147082
1" x 1/2"		0147083
1" x 3/4"		0147084
1"1/4 x 1/2"		0147101
1"1/4 x 3/4"		0147102
1"1/4 x 1"		0147103
1"1/2 x 1/2"		0147121
1"1/2 x 3/4"		0147122
1"1/2 x 1"		0147123
1"1/2 x 1"1/4"		0147124
2" x 1/2"		0147161
2" x 3/4"		0147162
2" x 1"		0147163
2" x 1"1/4"		0147164
2" x 1"1/2"		0147165
2"1/2 x 1"1/4"		0147201
2"1/2 x 1"1/2"		0147202
2"1/2 x 2"		0147203
3" x 2"		0147241
3" x 2"1/2"		0147242

  **BARILOTTO MASCHIO / MASCHIO**
 **THREADED EXTENSION. MALE / MALE**

ART. 716



MISURE / SIZE	716
1/2" x 50 mm	07161250
1/2" x 60 mm	07161260
1/2" x 70 mm	07161270
1/2" x 75 mm	07161275
1/2" x 80 mm	07161280
1/2" x 100 mm	071612100
1/2" x 120 mm	071612120
1/2" x 150 mm	071612150
1/2" x 200 mm	071612200
1/2" x 225 mm	071612225
1/2" x 250 mm	071612250
1/2" x 300 mm	071612300
1/2" x 400 mm	071612400
1/2" x 500 mm	071612500
1/2" x 800 mm	071612800
1/2" x 1000 mm	0716121000
3/4" x 40 mm	07163440
3/4" x 50 mm	07163450

MISURE / SIZE	716
3/4" x 60 mm	07163460
3/4" x 80 mm	07163480
3/4" x 100 mm	071634100
3/4" x 110 mm	071634110
3/4" x 120 mm	071634120
3/4" x 150 mm	071634150
3/4" x 180 mm	071634180
3/4" x 200 mm	071634200
3/4" x 250 mm	071634250
3/4" x 300 mm	071634300
3/4" x 400 mm	071634400
3/4" x 500 mm	071634500
1" x 40 mm	07161140
1" x 50 mm	07161150
1" x 60 mm	07161160
1" x 70 mm	07161170
1" x 80 mm	07161180
1" x 100 mm	071611100

MISURE / SIZE	716
1" x 120 mm	07161120
1" x 125 mm	07161125
1" x 150 mm	07161150
1" x 180 mm	07161180
1" x 200 mm	07161200
1" x 240 mm	07161240
1" x 250 mm	07161250
1" x 300 mm	07161300
1" x 400 mm	07161400
1" x 500 mm	07161500
1"1/4 x 40 mm	07161040
1"1/4 x 50 mm	07161050
1"1/4 x 60 mm	07161060
1"1/4 x 80 mm	07161080
1"1/4 x 100 mm	071610100
1"1/4 x 150 mm	071610150
1"1/4 x 200 mm	071610200
1"1/4 x 240 mm	071610240

MISURE / SIZE	716
1"1/4 x 250 mm	071610250
1"1/4 x 300 mm	071610300
1"1/4 x 400 mm	071610400
1"1/4 x 500 mm	071610500
1"1/2 x 60 mm	07161260
1"1/2 x 100 mm	071612100
1"1/2 x 120 mm	071612120
1"1/2 x 150 mm	071612150
1"1/2 x 200 mm	071612200
1"1/2 x 240 mm	071612240
1"1/2 x 300 mm	071612300
2" x 50 mm	07161650
2" x 80 mm	07161680
2" x 100 mm	071616100
2" x 150 mm	071616150
2" x 200 mm	071616200
2" x 250 mm	071616250
2" x 300 mm	071616300



TAPPO MASCHIO CON ESAGONO

MALE PLUG WITH HEXAGON

ART. 172


MISURE/SIZE	PN	172
3/8"	CODE	017202
1/2"		017204
3/4"		017206
1"		017208
1"1/4		017210
1"1/2		017212
2"		017216



TAPPO MASCHIO

MALE PLUG

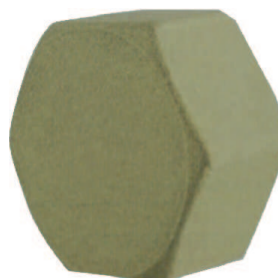
ART. 174


MISURE/SIZE	PN	174
3/8"	CODE	017402
1/2"		017404
3/4"		017406
1"		017408
1"1/4		017410
1"1/2		017412
2"		017416



TAPPO FEMMINA

FEMALE PLUG

ART. 173


MISURE/SIZE	PN	173
3/8"	CODE	017302
1/2"		017304
3/4"		017306
1"		017308
1"1/4		017310
1"1/2		017312
2"		017316

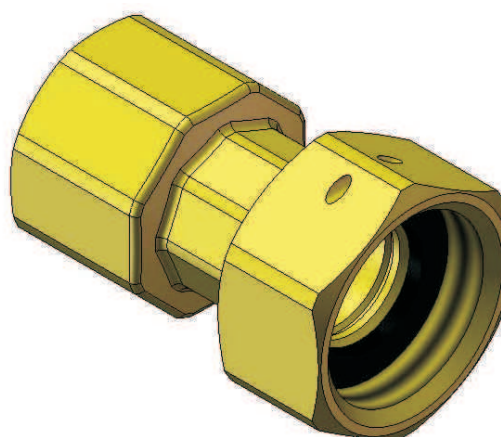
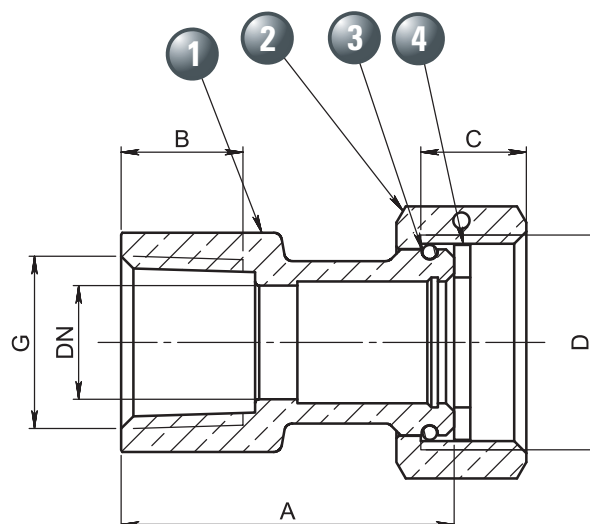
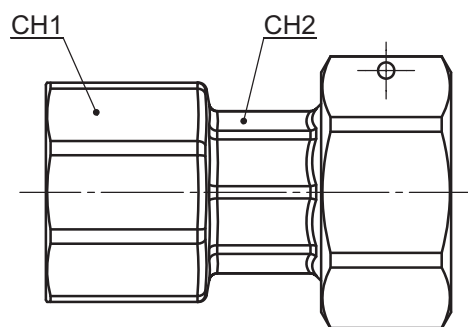


RACCORDI PER CONTATORI ACQUA



FITTINGS FOR WATER-METERS

3.6

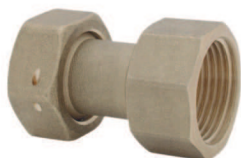


DN	G	CH1	Ch2	A	B	C	D
15	1/2"	27	19	42	15	13	3/4"
15	3/4"	34	19	42	15	13	3/4"

N.	Denominazione	Part name	Materiale	Trattamento	Qty.
1	Corpo	Body	CW617N	-	1
2	Dado mobile	Swivel nut	CW617N	-	1
3	Anello elastico	External ring	AISI 302	-	1
4	Guarnizione	Seal	NBR70Sh	-	1

  FEMMINA / DADO MOBILE
  FEMALE / SWIVEL NUT

ART. 5940



MISURE / SIZE	DN	CODE	5940
1/2" x 3/4"	15		5940 02
3/4" x 3/4"	15		5940 03

  MASCHIO / DADO MOBILE
  MALE / SWIVEL NUT

ART. 5941



MISURE / SIZE	DN	CODE	5941
1/2" x 3/4"	15		5941 02
3/4" x 3/4"	15		5941 03

  PE / DADO MOBILE
  PE / SWIVEL NUT

ART. 5942



MISURE / SIZE	DN	CODE	5942
20 mm x 3/4"	15		5942 02
25 mm x 3/4"	15		5942 03

ART. 5940R



MISURE / SIZE	DN	CODE	5940R
1/2" x 3/4"	15		5940R 02
3/4" x 3/4"	15		5940R 03

  Con valvola di ritegno
  With non-return valve

ART. 5941R



MISURE / SIZE	DN	CODE	5941R
1/2" x 3/4"	15		5941R 02
3/4" x 3/4"	15		5941R 03

  Con valvola di ritegno
  With non-return valve

ART. 5942R



MISURE / SIZE	DN	CODE	5942R
20 mm x 3/4"	15		5942R 02
25 mm x 3/4"	15		5942R 03

  Con valvola di ritegno
  With non-return valve

 **MASCHIO / DADO MOBILE**
 **MALE / SWIVEL NUT**

ART. 5941



ART. 4120

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS



ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS



ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS



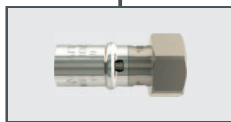
ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS



ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS



ART. 4105

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS



MISURE / SIZE	DN	PN	CODE	5941
1/2" x 3/4"	15	25		5941 02
3/4" x 3/4"	15	25		5941 03

ART. 5941R

 **Con valvola di ritegno**
 **With non-return valve**



ART. 4120

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS



ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS



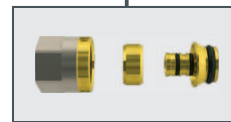
ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS



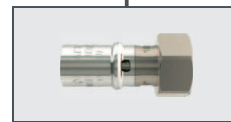
ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS



ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS



ART. 4105

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS



MISURE / SIZE	DN	PN	CODE	5941R
1/2" x 3/4"	15	25		5941R 02
3/4" x 3/4"	15	25		5941R 03

  FEMMINA / DADO MOBILE
 FEMALE / SWIVEL NUT

ART. 5945



MISURE / SIZE	DN	CODE	5945
1/2" x 3/4"	15		5945 02
3/4" x 3/4"	15		5945 03

ART. 5945R

  Con valvola di ritegno
 With non-return valve



MISURE / SIZE	DN	CODE	5945R
1/2" x 3/4"	15		5945R 02
3/4" x 3/4"	15		5945R 03

  MASCHIO / DADO MOBILE
 MALE / SWIVEL NUT

ART. 5946



MISURE / SIZE	DN	CODE	5946
1/2" x 3/4"	15		5946 02
3/4" x 3/4"	15		5946 03

ART. 5946R

  Con valvola di ritegno
 With non-return valve



MISURE / SIZE	DN	CODE	5946R
1/2" x 3/4"	15		5946R 02
3/4" x 3/4"	15		5946R 03

  PE / DADO MOBILE
 PE / SWIVEL NUT

ART. 5947



MISURE / SIZE	DN	CODE	5947
20 mm x 3/4"	15		5947 02
25 mm x 3/4"	15		5947 03

ART. 5947R

  Con valvola di ritegno
 With non-return valve



MISURE / SIZE	DN	CODE	5947R
20 mm x 3/4"	15		5947R 02
25 mm x 3/4"	15		5947R 03

 MASCHIO / DADO MOBILE
 MALE / SWIVEL NUT

ART. 5946



ART. 4120

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS



ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS



ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS



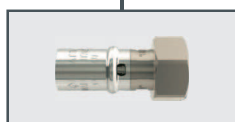
ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS



ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS



ART. 4105

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS



MISURE / SIZE	DN	PN	CODE	5946
1/2" x 3/4"	15	25		5946 02
3/4" x 3/4"	15	25		5946 03

ART. 5946R

 Con valvola di ritegno
 With non-return valve



ART. 4120

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS



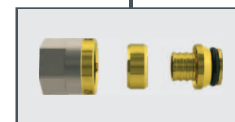
ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS



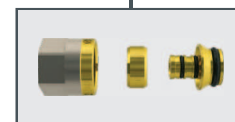
ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS



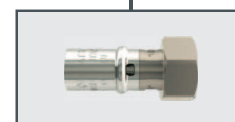
ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS



ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS



ART. 4105

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS



MISURE / SIZE	DN	PN	CODE	5946R
1/2" x 3/4"	15	25		5946R 02
3/4" x 3/4"	15	25		5946R 03

  FEMMINA / DADO MOBILE
 FEMALE / SWIVEL NUT

ART. 5950



MISURE / SIZE	DN	CODE	5950
1/2" x 3/4"	15		5950 02
3/4" x 3/4"	15		5950 03

  MASCHIO / DADO MOBILE
 MALE / SWIVEL NUT

ART. 5951



MISURE / SIZE	DN	CODE	5951
1/2" x 3/4"	15		5951 02
3/4" x 3/4"	15		5951 03

  PE / DADO MOBILE
 PE / SWIVEL NUT

ART. 5952



MISURE / SIZE	DN	CODE	5952
20 mm x 3/4"	15		5952 02
25 mm x 3/4"	15		5952 03

ART. 5950R



  Con valvola di ritegno
 With non-return valve

MISURE / SIZE	DN	CODE	5950R
1/2" x 3/4"	15		5950R 02
3/4" x 3/4"	15		5950R 03

ART. 5951R



  Con valvola di ritegno
 With non-return valve

MISURE / SIZE	DN	CODE	5951R
1/2" x 3/4"	15		5951R 02
3/4" x 3/4"	15		5951R 03

ART. 5952R



  Con valvola di ritegno
 With non-return valve

MISURE / SIZE	DN	CODE	5952R
20 mm x 3/4"	15		5952R 02
25 mm x 3/4"	15		5952R 03

 **MASCHIO / DADO MOBILE**
 **MALE / SWIVEL NUT**

ART. 5951



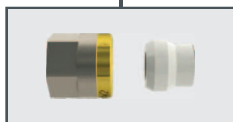
ART. 4120

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS



ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS



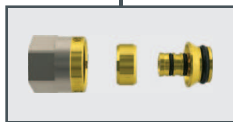
ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS



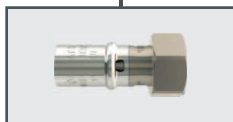
ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS



ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS



ART. 4105

POLIBUTILENE
FOR POLYBUTYLENE TUBINGS



MISURE / SIZE	DN	PN	CODE	5951
1/2" x 3/4"	15	25		5951 02
3/4" x 3/4"	15	25		5951 03

ART. 5951R

 **Con valvola di ritegno**
 **With non-return valve**



ART. 4120

RAME A STRINGERE
FOR TIGHTENED COPPER TUBINGS



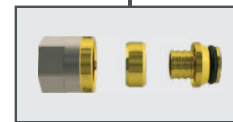
ART. 4125

RAME A PRESSARE
FOR COMPRESSED COPPER TUBINGS



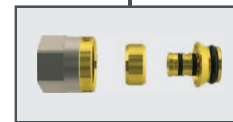
ART. 4110

PEX A STRINGERE
FOR TIGHTENED PEX TUBINGS



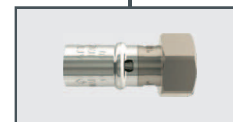
ART. 4100

MULTISTRATO A STRINGERE
FOR TIGHTENED MULTI-COATED TUBINGS



ART. 4405

MULTISTRATO A PRESSARE
FOR COMPRESSED MULTI-COATED TUBINGS



ART. 4105

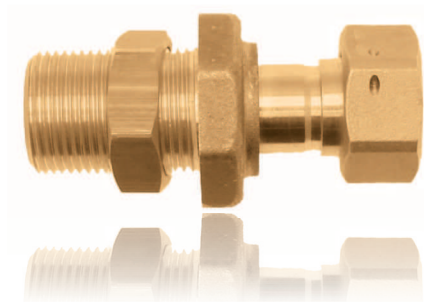
POLIBUTILENE
FOR POLYBUTYLENE TUBINGS



MISURE / SIZE	DN	PN	CODE	5951R
1/2" x 3/4"	15	25		5951R 02
3/4" x 3/4"	15	25		5951R 03

  **RACCORDO TELESCOPICO ESTENSIBILE 15 mm**
 **TELESCOPIC COUPLING, 15 mm EXTENSION**

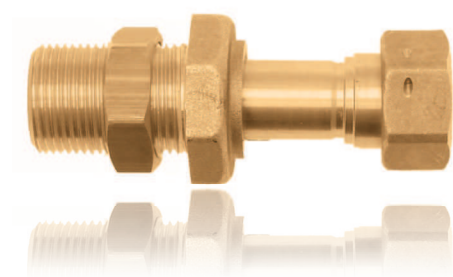
ART. 5965



filett. inter. int. thread	filett.ester. est. thread	dado mobile swivel nut	CODE	5965
1/2"	3/4"	3/4"		5965 02
3/4"	1"	3/4"		5965 03
1/2"	3/4"	1"		5965 04
3/4"	1"	1"		5965 05

  **RACCORDO TELESCOPICO ESTENSIBILE 35 mm**
 **TELESCOPIC COUPLING, 35 mm EXTENSION**

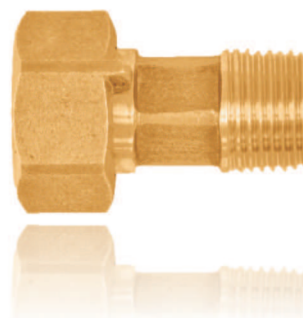
ART. 5961



filett. inter. int. thread	filett.ester. est. thread	dado mobile swivel nut	CODE	5961
1/2"	3/4"	3/4"		5961 02
3/4"	1"	3/4"		5961 03
1/2"	3/4"	1"		5961 04
3/4"	1"	1"		5961 05
1"	1" 1/4	1"		5961 06
1"	1" 1/4	1" 1/4		5961 07

  **MASCHIO / DADO MOBILE - Raccordo per contatore**
 **MALE / SWIVEL NUT - Fitting for water-meter**

ART. 152



MISURE / SIZE	PN	CODE	152
1/2" x 3/4"			152 02
3/4" x 1"			152 03
1" x 1" 1/4			152 04
1" 1/4 x 1" 1/2			152 05
1" 1/2 x 2"			152 06
2" x 2" 1/2			152 07

1	COLORADO Valvole a sfera in ottone per gas a passaggio totale, filetto ISO7:2000, secondo norma EN 331, serie media <i>Brass ball valves for gas, full flow, thread ISO7:2000, according to EN 331 standard, medium pattern</i>	145
2	DAKOTA Valvole a sfera in ottone per gas a passaggio ridotto, filetto ISO7:2000, secondo norma EN 331 <i>Brass ball valves for gas, reduced flow, thread ISO7:2000, according to EN 331 standard</i>	151
3	MISSOURI Valvole a sfera in ottone per gas a passaggio totale, filetto ISO7:2000, secondo norma AGA 4617, con presa di pressione <i>Brass ball valves for gas, full flow, thread ISO7:2000, according to AGA 4617 standard, with gauge pressure port</i>	155
4	FLORIDA Mensole e valvole a sfera in ottone per contatori GAS <i>Bracket and brass ball valves for GAS meters</i>	159

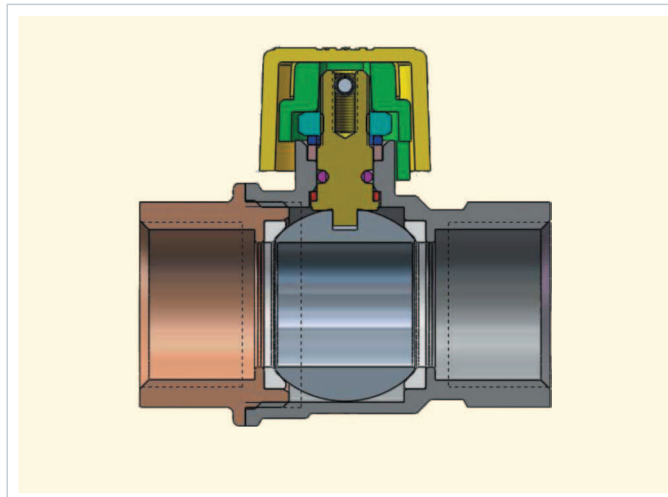
**COLORADO**

Valvole a sfera in ottone per gas a passaggio totale,
filetto ISO7:2000, secondo norma EN 331, serie media

**COLORADO**

Brass ball valves for gas, full flow, thread ISO7:2000,
according to EN 331 standard, medium pattern

CORPO	
GUARNIZIONE SEDESFERA	
GUARNIZIONE INFERIORE	
SFERA	
GUARNIZIONE SUPERIORE	
CAPPUCCIO DI COMANDO	
PERNO	
O-RING	
MANICOTTO	
DADO	
CAPPUCCIO	
RONDELLA	
SPINA ELASTICA	



BODY	
BALL SEAT SEAL	
LOWER SEAL	
BALL	
UPPER SEAL	
OPERATING CAP	
STEM	
O-RING	
COUPLING	
NUT	
CAP	
WASHER	
ELASTIC PIN	

**CORPO VALVOLA**

OTTONE CW617N STAMPATO, SABBIATO E NICHELATO

SFERA

OTTONE CW617N, STAMPATA E CROMATA A SPESSORE

ATTACCHI

FILETTO ISO7:2000

ORGANI DI COMANDO

LEVA IN ACCIAIO UNI-EN10025 RIVESTITA IN PVC GIALLO

FARFALLA IN ALLUMINIO UNI-EN 1706 VERNICIATA IN EPOSSIDICO GIALLO

GUARNIZIONI SFERA

2 SEDI IN PTFE

ASTA DI COMANDO

OTTONE CW614N MONTATA DALL'INTERNO (ANTISCOPPIO)

GUARNIZIONI ASTA

1 ANELLO PTFE + 1 O-RING HNBR

TEMPERATURE DI ESERCIZIO

-20°C + 120°C

LIMITI DI PRESSIONE

MOP5

**BODY**

BRASS CW617N FORGED, SANDBLASTED AND NICKEL-PLATED

BALL

CW617N FORGED AND HARD CHROMED

THREADS

ISO 7:2000

LEVERS

UNI-EN 10025 STEEL, PVC-COATED LEVER

UNI-EN 1706 ALUMINIUM EPOXY ENAMELLED

BALL SEALS

2 PTFE

SPINDLE

BRASS CW614N (BLOW OUT PROOF)

SPINDLE SEALS

1 PTFE + 1 O-RING HNBR

TEMPERATURE RANGE

-20°C + 120°C

WORKING PRESSURE

MOP5



VALVOLA GAS FEMMINA / FEMMINA LEVA ACCIAIO GIALLA

FEMALE / FEMALE, YELLOW STEEL HANDLE

ART. 475 EN331


MISURE/SIZE	DN	PN	CODE	475 EN331
1/2"	15	64		047504
3/4"	20	40		047506
1"	25	40		047508
1 1/4"	32	25		047510
1 1/2"	40	25		047512
2"	50	25		047516
2 1/2"	65	16		047520
3"	80	16		047524
4"	90	16		047532



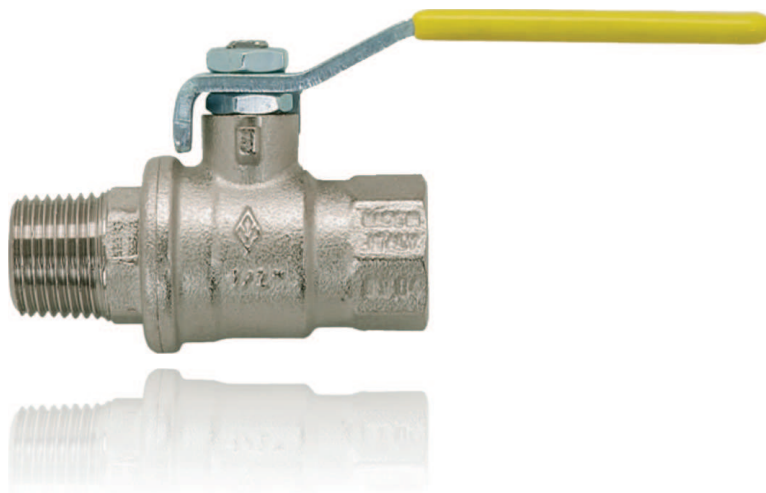
VALVOLA GAS FEMMINA / FEMMINA CON FARFALLA

FEMALE / FEMALE, YELLOW "T" HANDLE

ART. 476 EN331


MISURE/SIZE	DN	PN	CODE	476 EN331
1/2"	15	64		047602
3/4"	20	40		047606
1"	25	40		047608
1 1/4"	32	25		047610


 VALVOLA GAS MASCHIO / FEMMINA CON LEVA ACCIAIO GIALLA
 MALE / FEMALE, YELLOW STEEL HANDLE

ART. 477 EN331


MISURE/SIZE	DN	PN	477 EN331
1/2"	15	64	047704
3/4"	20	40	047706
1"	25	40	047708
1 1/4"	32	25	047710
1 1/2"	40	25	047712
2"	50	25	047716


 VALVOLA GAS MASCHIO / FEMMINA CON FARFALLA
 MALE / FEMALE, YELLOW "T" HANDLE

ART. 478 EN331

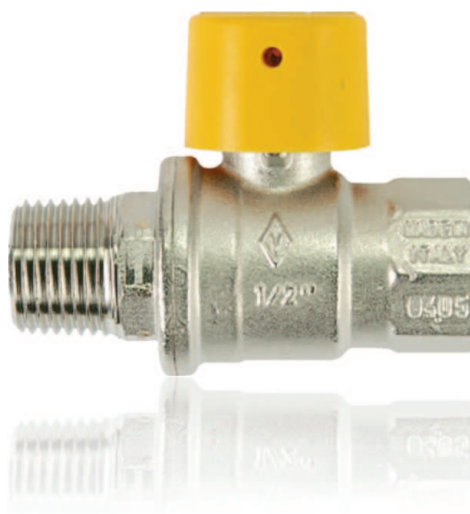

MISURE/SIZE	DN	PN	478 EN331
1/2"	15	64	047802
3/4"	20	40	047806
1"	25	40	047808
1 1/4"	32	25	047810

  FEMMINA / FEMMINA CON CAPPuccio PIOMBABILE GIALLO
  FEMALE / FEMALE WITH YELLOW LOCKABLE CAP

ART. 488 EN331

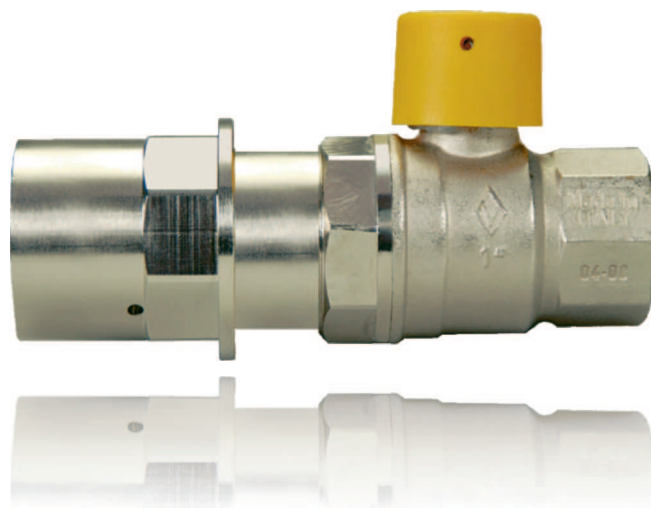

MISURE / SIZE	DN	PN	CODE	488 EN331
1/2"	15	64		048804
3/4"	20	40		048806
1"	25	40		048808
1 1/4"	32	25		048810
1 1/2"	40	25		048812
2"	50	25		048816

  VALVOLA GAS FEMMINA / FEMMINA CON FARFALLA
  FEMALE / FEMALE, YELLOW "T" HANDLE

ART. 489 EN331


MISURE / SIZE	DN	PN	CODE	489 EN331
1/2"	15	64		048904
3/4"	20	40		048906
1"	25	40		048908
1 1/4"	32	25		048910
1 1/2"	40	25		048912
2"	50	25		048916

  **VALVOLA PER COLONNA MONTANTE. ATTACCO FEMMINA**
 **FEMALE / FEMALE FOR GAS RISING PIPE WITH YELLOW LOCKABLE CAP**

ART. 960


MISURE / SIZE	DN	PN		960
1" x 32	25	25	CODE	096004
1" 1/4 x 40	32	25		096006
1" 1/2 x 50	40	25		096008
2" x 63	50	25		096010

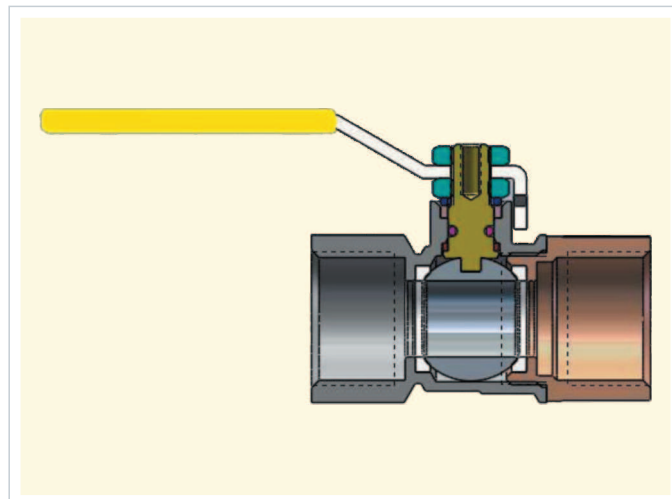
**DAKOTA**

Valvole a sfera in ottone per gas a passaggio ridotto, filetto ISO7:2000, secondo norma EN 331

**DAKOTA**

Brass ball valves for gas, reduced flow, thread ISO7:2000, according to EN 331 standard

- CORPO 
- GUARNIZIONE SEDESFERA 
- SFERA 
- SFERA 
- GUARNIZIONE INFERIORE 
- GUARNIZIONE SUPERIORE 
- RONDELLA 
- O-RING 
- MANICOTTO 
- VITE 
- LEVA 



- BODY 
- BALL SEAT SEAL 
- BALL 
- LOWER SEAL 
- UPPER SEAL 
- WASHER 
- STEM 
- O-RING 
- COUPLING 
- SCREW 
- LEVER 

**CORPO VALVOLA**

OTTONE CW617N STAMPATO, SABBIATO E NICHELATO

SFERA

OTTONE CW617N STAMPATA E CROMATA A SPESSORE

ATTACCHI

FILETTO ISO 7:2000

ORGANI DI COMANDO

LEVA IN ACCIAIO UNI-EN10025 RIVESTITA IN PVC GIALLO
 FARFALLA ALLUMINIO UNI-EN 1706 VERNICIATA EPOSSIDICO GIALLO

GUARNIZIONI SFERA

2 SEDI IN PTFE

ASTA DI COMANDO

OTTONE CW614N MONTATA DALL'INTERNO (ANTISCOPPIO)

GUARNIZIONI ASTA

2 O-RING HNBR

TEMPERATURE DI ESERCIZIO

-20°C + 120°C

LIMITI DI PRESSIONE

MOP 5

**BODY**

BRASS CW617N FORGED, SANDBLASTED AND NICKEL-PLATED

BALL

CW617N FORGED AND HARD CHROMED

THREADS

ISO 7: 2000

LEVERS

UNI-EN10025 STEEL, PVC COATED LEVER
 UNI-EN 1706 ALUMINIUM EPOXY ENAMELLED

BALL SEALS

2 PTFE

SPINDLE

BRASS CW614N (ANTI BLOW OUT PROOF)

SPINDLE SEALS

2 O-RING HNBR

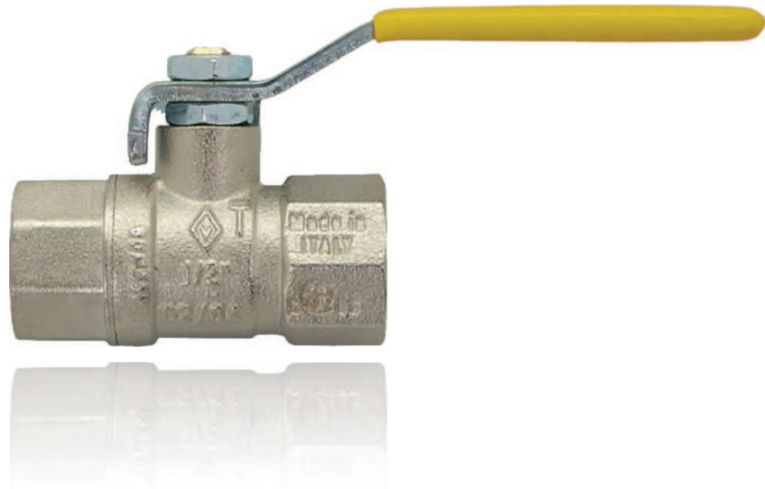
TEMPERATURE RANGE

-20°C + 120°C

WORKING PRESSURE

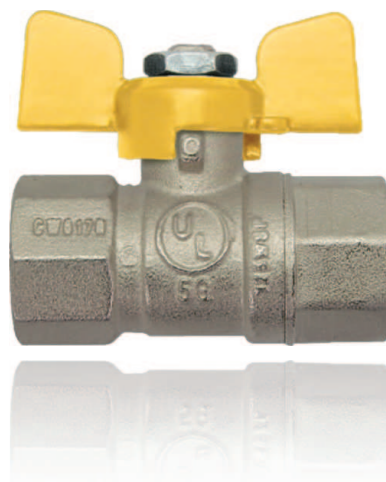
MOP 5

  **FEMMINA / FEMMINA, A PASSAGGIO RIDOTTO, LEVA ACCIAIO**
  **FEMALE / FEMALE, REDUCED BORE, STEEL HANDLE**

ART. 553 EN331


MISURE / SIZE	DN	PN		553 EN331
1/2"	12	40	CODE	055304
3/4"	15	25		055306
1"	20	25		055308
1 1/4"	25	20		055310
1 1/2"	32	20		055312
2"	40	20		055316
2 1/2"	50	16		055320
3"	60	16		055324
4"	85	16		055332

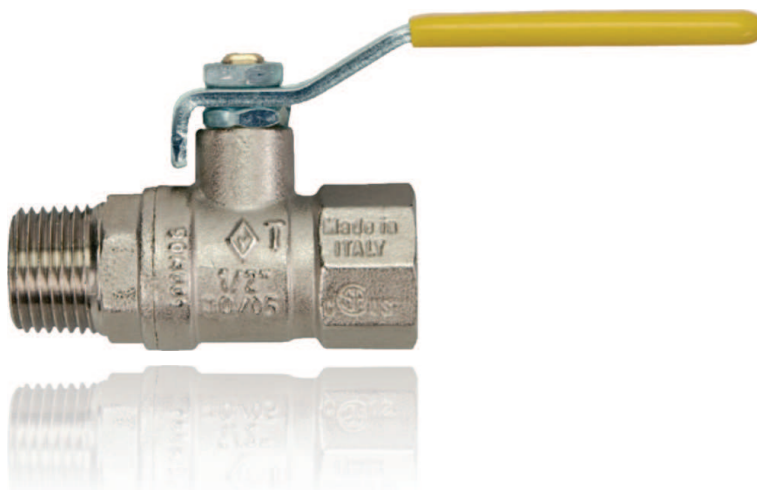
  **FEMMINA / FEMMINA, A PASSAGGIO RIDOTTO, FARFALLA ALLUMINIO**
  **FEMALE / FEMALE, REDUCED BORE, ALUMINIUM "T" HANDLE**

ART. 554 EN331


MISURE / SIZE	DN	PN		554 EN331
1/2"	12	40	CODE	055404
3/4"	17,5	25		055406
1"	20	25		055408
1 1/4"	20	20		055410

  **MASCHIO / FEMMINA A PASSAGGIO RIDOTTO, LEVA ACCIAIO**
 **MALE / FEMALE, REDUCED BORE, STEEL HANDLE**

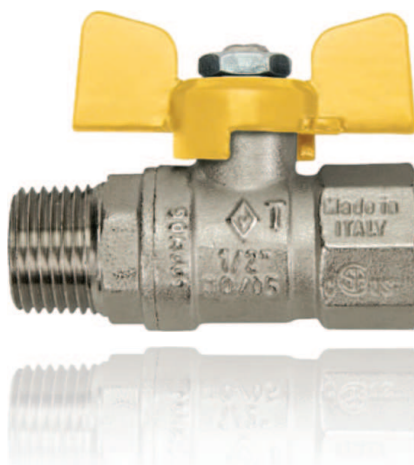
ART. 556 EN331



MISURE/SIZE	DN	PN	CODE	556 EN331
1/2"	12	40		055604
3/4"	15	25		055606
1"	20	25		055608
1"1/4	25	20		055610
1"1/2	32	20		055612
2"	40	20		055616

  **MASCHIO / FEMMINA A PASSAGGIO RIDOTTO, LEVA A FARFALLA**
 **MALE / FEMALE, REDUCED BORE, ALUMINIUM "T" HANDLE**

ART. 557 EN331



MISURE/SIZE	DN	PN	CODE	557 EN331
1/2"	12	40		055704
3/4"	15	25		055706
1"	20	25		055708
1"1/4	25	20		055710

  **FEMMINA / FEMMINA CON CAPPuccio PIOMBABILE GIALLO**
 **FEMALE / FEMALE WITH YELLOW LOCKABLE CAP**

ART. 553C EN331


MISURE/SIZE	DN	PN	553C EN331
1/2"	12	40	055334
3/4"	15	25	055336
1"	20	25	055338
1 1/4"	25	20	055340
1 1/2"	32	20	055342
2"	40	20	055344

  **VALVOLA GAS FEMMINA / FEMMINA CON FARFALLA**
 **FEMALE / FEMALE, YELLOW "T" HANDLE**

ART. 556C EN331


MISURE/SIZE	DN	PN	556C EN331
1/2"	15	64	055634
3/4"	20	40	055636
1"	25	40	055638
1 1/4"	32	25	055640
1 1/2"	40	25	055642
2"	50	25	055644

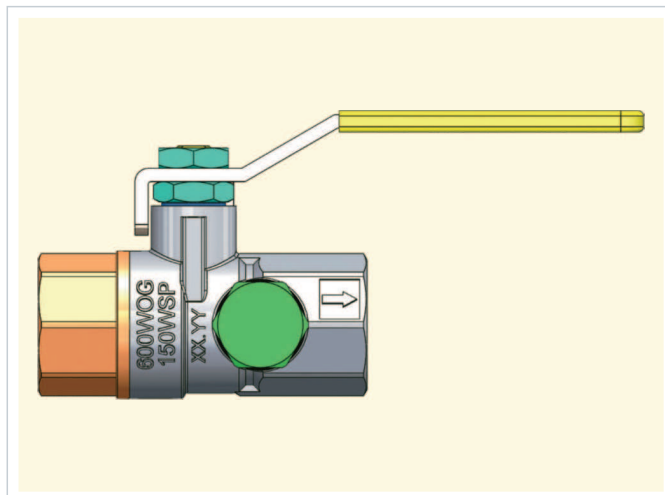
**MISSOURI**

Valvole a sfera in ottone per gas a passaggio totale, filetto ISO 7:2000, secondo norma AGA 4617, con presa di pressione

**MISSOURI**

Brass ball valves for gas, full flow, thread ISO 7:2000, according to AGA 4617 standard, with gauge pressure port

CORPO
GUARNIZIONE SEDESFERA
GUARNIZIONE INFERIORE
SFERA
GUARNIZIONE SUPERIORE
TAPPO
PERNO
O-RING
MANICOTTO
DADO
RONDELLA
GUARNIZIONE IN FIBRA
LEVA



BODY
BALL SEAT SEAL
LOWER SEAL
BALL
UPPER SEAL
PLUG
STEM
O-RING
COUPLING
NUT
WASHER
FIBRE SEAL
LEVER

**CORPO VALVOLA**

OTTONE CW617N STAMPATO, SABBIATO E CROMATO

SFERA

OTTONE CW617N, STAMPATA E CROMATA A SPESSORE

ATTACCHI

FILETTO ISO 7:2000

ORGANI DI COMANDO

LEVA O FARFALLA IN ALLUMINIO UNI-EN 1706 VERNICIATA EPOSSIDICO
LEVA IN ACCIAIO UNI-EN 1025 RIVESTITA IN PVC

GUARNIZIONI SFERA

2 SEDI IN PTFE

ASTA DI COMANDO

OTTONE CW614N MONTATA DALL'INTERNO

GUARNIZIONI ASTA

1 O-RING HNBR/NBR

TEMPERATURE DI ESERCIZIO

-20°C +120°C

LIMITI DI PRESSIONE

DA PN 25 A PN 64 BAR
WOG 600 - WSP 150

**BODY**

FORGED CW617N BRASS, SANDBLASTED AND CHROME-PLATED

BALL

FORGED AND HARD CHROMED CW617N BRASS

THREADS

ISO 7:2000

LEVERS

UNI-EN 1706 EPOXY ENAMELLED ALUMINIUM HANDLE
UNI-EN 10025 PVC-COATED STEEL HANDLE

BALL SEALS

2 PTFE

SPINDLE

CW614N BLOW OUT PROOF BRASS

SPINDLE SEALS

1 O-RING HNBR/NBR

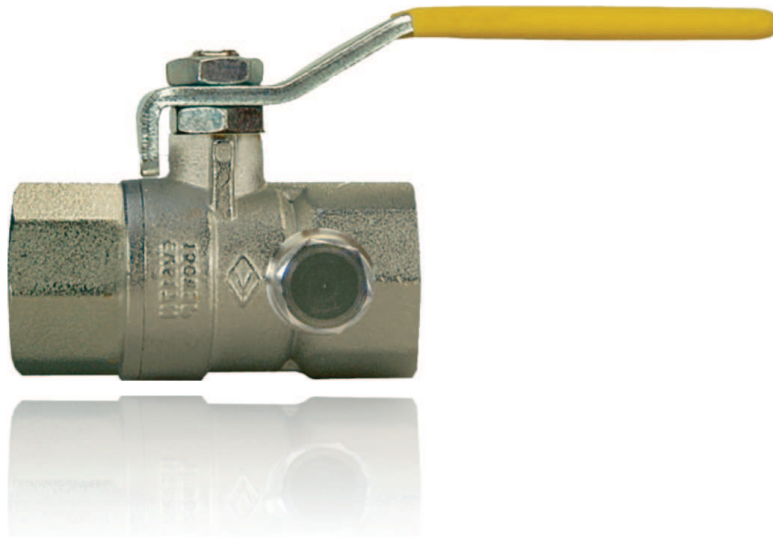
TEMPERATURE RANGE

-20°C +120°C

WORKING PRESSURE

FROM PN 25 TO PN 64 BAR
WOG 600 - WSP 150

  **FEMMINA / FEMMINA CON PRESA DI PRESSIONE, LEVA ACCIAIO**
 **FEMALE / FEMALE, GAUGE PRESSURE PORT, STEEL HANDLE**

ART. 640


MISURE/SIZE	DN	PN		640
1/2"	15	64	CODE	064004
3/4"	20	40		064006
1"	25	40		064008
1 1/4"	32	25		064010

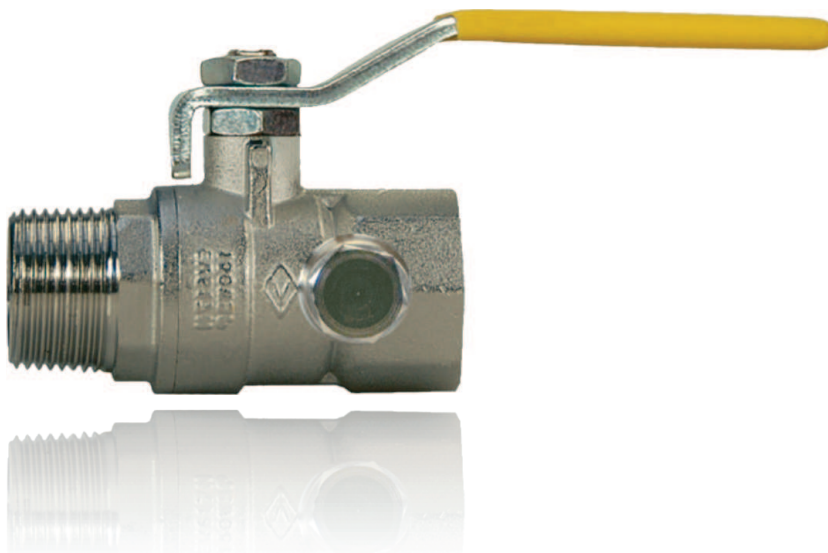
  **FEMMINA / FEMMINA CON PRESA DI PRESSIONE, LEVA A FARFALLA**
 **FEMALE / FEMALE, GAUGE PRESSURE PORT, T- HANDLE**

ART. 643


MISURE/SIZE	DN	PN		643
1/2"	15	64	CODE	064304
3/4"	20	40		064306
1"	25	40		064308
1 1/4"	32	25		064310

  **MASCHIO / FEMMINA CON PRESA DI PRESSIONE, LEVA ACCIAIO**
 **MALE / FEMALE, GAUGE PRESSURE PORT, STEEL HANDLE**

ART. 644



MISURE / SIZE	DN	PN	CODE	644
½"	15	64		064404
¾"	20	40		064406
1"	25	40		064408
1 ¼"	32	25		064410

  **MASCHIO / FEMMINA CON PRESA DI PRESSIONE, LEVA A FARFALLA**
 **MALE / FEMALE, GAUGE PRESSURE PORT, T- HANDLE**

ART. 647



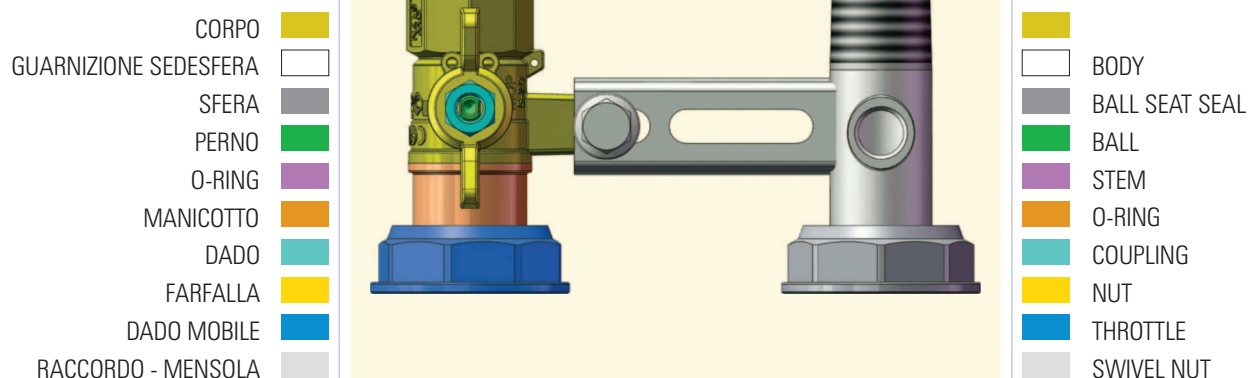
MISURE / SIZE	DN	PN	CODE	647
½"	15	64		064704
¾"	20	40		064706
1"	25	40		064708
1 ¼"	32	25		064710

**FLORIDA**

Mensole e valvole a sfera in ottone per contatori GAS

**FLORIDA**

Bracket and brass ball valves for GAS meters

**CORPO VALVOLA**

OTTONE CW617N STAMPATO, SABBIATO E NICHELATO

SFERA

OTTONE CW617N STAMPATA E CROMATA A SPESSORE

ATTACCHI

FILETTO ISO 7:2000

ORGANI DI COMANDO

FARFALLA ALLUMINIO UNI-EN 1706 VERNICIATA EPOSSIDICO GIALLO

FARFALLA ALLUMINIO UNI-EN 1706, SERRATURA DI SICUREZZA + MOROSITA'

RACCORDO E TRAVERSA

ACCIAIO ZINCATO UNI 7806

GUARNIZIONI SFERA

2 SEDI IN PTFE

ASTA DI COMANDO

OTTONE CW614N MONTATA DALL'INTERNO (ANTISCOPPIO)

GUARNIZIONI ASTA

2 O-RING HNBR

TEMPERATURE DI ESERCIZIO

-20°C + 120°C

LIMITI DI PRESSIONE

MOP 5

**BODY**

BRASS CW617N FORGED, SANDBLASTED AND NICKEL-PLATED

BALL

CW617N FORGED AND HARD CHROMED

THREADS

ISO 7: 2000

LEVERS

UNI-EN 1706 ALUMINIUM EPOXY ENAMELLED

ALUMINIUM "T" HANDLE WITH SAFETY LOCK

BRACKET

ZINC PLATED STEEL

BALL SEALS

2 PTFE

SPINDLE

BRASS CW614N (ANTI BLOW OUT PROOF)

SPINDLE SEALS

2 O-RING HNBR

TEMPERATURE RANGE

-20°C + 120°C

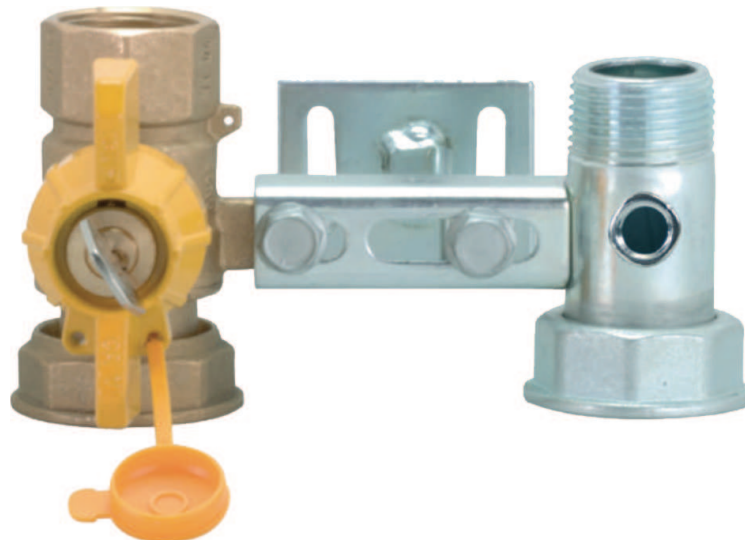
WORKING PRESSURE

MOP 5



MENSOLA PER CONTATORE GAS, ANTIMOROSITÀ E PRESA DI PRESSIONE, INTERASSE 110mm, ZANCA PER TASSELLI

COMPLETE BRACKET FOR GAS METER 110mm AXLE, GAUGE PRESSURE PORT AND VALVE WITH SAFETY LOCK

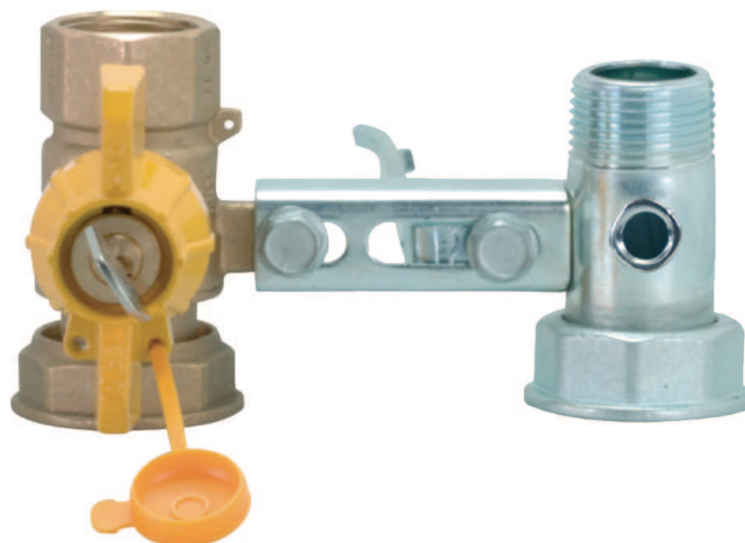
ART. 950X


MISURE/SIZE	DN	PN	CODE	950X
3/4" x 1"1/4	16	5		0950519
1" x 1"1/4	22	5		0950536



MENSOLA PER CONTATORE GAS, ANTIMOROSITÀ E PRESA DI PRESSIONE, INTERASSE 110mm, ZANCA DA MURARE

COMPLETE BRACKET FOR GAS METER 110mm AXLE, GAUGE PRESSURE PORT AND VALVE WITH SAFETY LOCK

ART. 951X


MISURE/SIZE	DN	PN	CODE	951X
3/4" x 1"1/4	16	5		0951519
1" x 1"1/4	22	5		0951536

  MENSOLA PER CONTATORE GAS CON PRESA DI PRESSIONE, INTERASSE 110mm, ZANCA PER TASSELLI
 COMPLETE BRACKET FOR GAS METER 110mm AXLE, GAUGE PRESSURE PORT WITH "T" HANDLE VALVE

ART. 952X



MISURE/SIZE	DN	PN	CODE	952X
3/4" x 1"1/4	16	5		0952519
1" x 1"1/4	22	5		0952536

  MENSOLA PER CONTATORE GAS CON PRESA DI PRESSIONE, INTERASSE 110mm, ZANCA PER TASSELLI
 COMPLETE BRACKET FOR GAS METER 110mm AXLE, GAUGE PRESSURE PORT WITH "T" HANDLE VALVE

ART. 953X



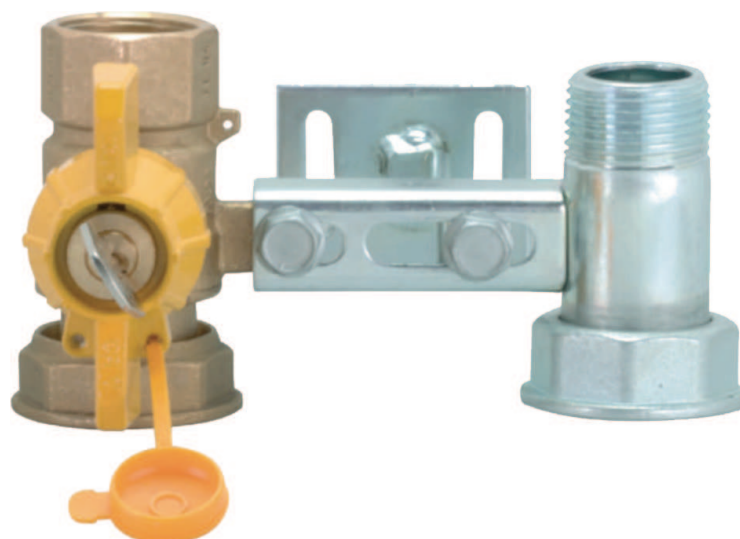
MISURE/SIZE	DN	PN	CODE	953X
3/4" x 1"1/4	16	5		0953519
1" x 1"1/4	22	5		0953536



MENSOLA PER CONTATORE GAS, SERRATURA DI SICUREZZA E MOROSITÀ, INTERASSE 110MM, ZANCA PER TASSELLI

COMPLETE BRACKET FOR GAS METER 110MM AXLE AND VALVE WITH SAFETY LOCK

ART. 950



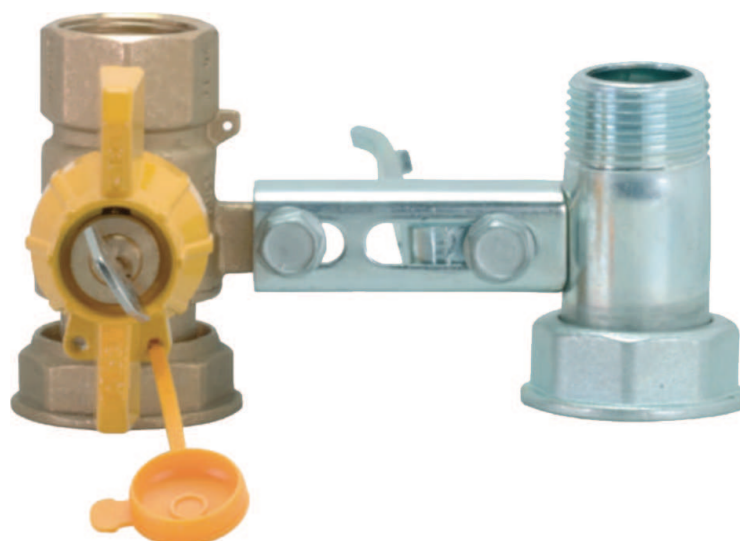
MISURE/SIZE	DN	PN	CODE	950
3/4" x 1"1/4	16	5		0950519
1" x 1"1/4	22	5		0950536



MENSOLA PER CONTATORE GAS, SERRATURA DI SICUREZZA ANTIMOROSITÀ, INTERASSE 110mm, ZANCA DA MURARE

COMPLETE BRACKET FOR GAS METER 110mm AXLE AND VALVE WITH SAFETY LOCK

ART. 951



MISURE/SIZE	DN	PN	CODE	951
3/4" x 1"1/4	16	5		0951519
1" x 1"1/4	22	5		0951536



MENSOLA PER CONTATORE GAS, INTERASSE 110mm, ZANCA PER TASSELLI

COMPLETE BRACKET FOR GAS METER 110mm AXLE WITH "T" HANDLE VALVE

ART. 952



MISURE/SIZE	DN	PN	CODE	952
3/4" x 1"1/4	16	5		0952519
1" x 1"1/4	22	5		0952536



MENSOLA PER CONTATORE GAS, INTERASSE 110mm, ZANCA PER TASSELLI

COMPLETE BRACKET FOR GAS METER 110mm AXLE WITH "T" HANDLE VALVE

ART. 953



MISURE/SIZE	DN	PN	CODE	953
3/4" x 1"1/4	16	5		0953519
1" x 1"1/4	22	5		0953536



VALVOLA GAS PER MENSOLA, LEVA A FARFALLA ALLUMINIO

BRASS BALL VALVE FOR GAS METER

ART. 954


MISURE/SIZE	DN	PN	CODE	954
3/4" x 1"1/4	16	5		0954519
1" x 1"1/4	22	5		0954536



VALVOLA GAS PER MENSOLA CON SERRATURA DI SICUREZZA E MOROSITÀ

BRASS BALL VALVE FOR GAS METER WITH SAFETY LOCK

ART. 955


MISURE/SIZE	DN	PN	CODE	955
3/4" x 1"1/4	16	5		0955519
1" x 1"1/4	22	5		0955536



RACCORDO CON TRAVERSA PER MENSOLA CONTATORI GAS CON PRESA DI PRESSIONE, INTERASSE 110mm

BRACKET PART WITH COUPLING AND SWIVEL NUT, AXLE, GAUGE PRESSURE PORT 110mm

ART. 1043X



MISURE/SIZE	DN	PN	CODE	1043X
1" x 1"1/4				1043536



RACCORDO CON TRAVERSA PER MENSOLA CONTATORI GAS, INTERASSE 110mm

BRACKET PART WITH COUPLING AND SWIVEL NUT, AXE 110mm

ART. 1043



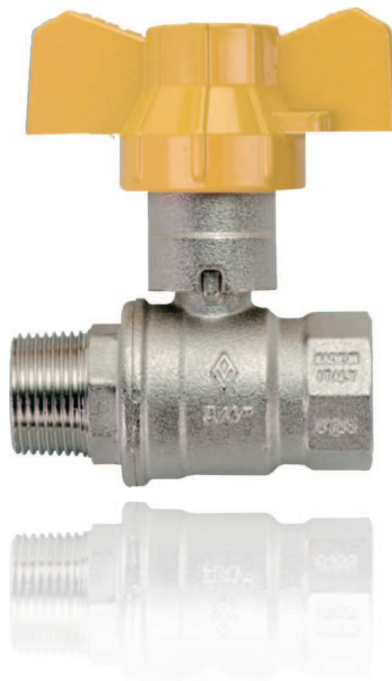
MISURE/SIZE	DN	PN	CODE	1043
1" x 1"1/4				1043536

  **FEMMINA / FEMMINA, SERRATURA DI SICUREZZA E MOROSITÀ**
 **FEMALE / FEMALE WITH SAFETY LOCK**

ART. 956

MISURE / SIZE	DN	PN	CODE	956
1/2"	15	5		095604
3/4"	20	5		095606
1"	25	5		095608
1 1/4"	32	5		095610

  **MASCHIO / FEMMINA, SERRATURA DI SICUREZZA E MOROSITÀ**
 **MALE / FEMALE WITH SAFETY LOCK**

ART. 957

MISURE / SIZE	DN	PN	CODE	957
1/2"	15	5		095704
3/4"	20	5		095706
1"	25	5		095708
1 1/4"	32	5		095710

ART. 1059**ART. 1059**

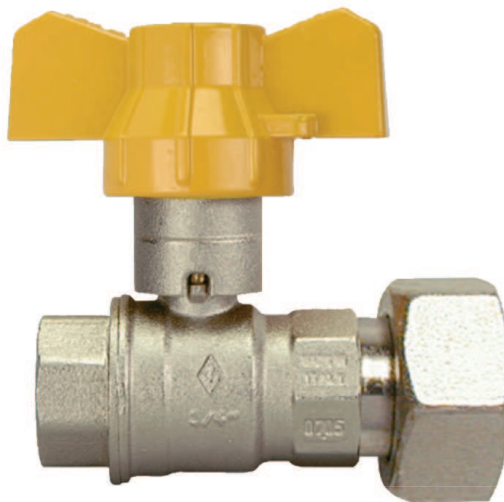
CHIAVE PER SERRATURA DI SICUREZZA  
 KEY FOR SAFETY LOCK 

ART. 1059**ART. 1059**

CHIAVE PER SERRATURA DI SICUREZZA  
 KEY FOR SAFETY LOCK 

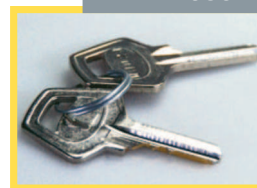
  FEMMINA / DADO GIREVOLE, SERRATURA DI SICUREZZA E MOROSITÀ
 FEMALE / SWIVEL WITH SAFETY LOCK

ART. 958



MISURE / SIZE	DN	PN	CODE	958
3/4" x 1"1/4	20	5		0958519
1" x 1"1/4	25	5		0958536

ART. 1059

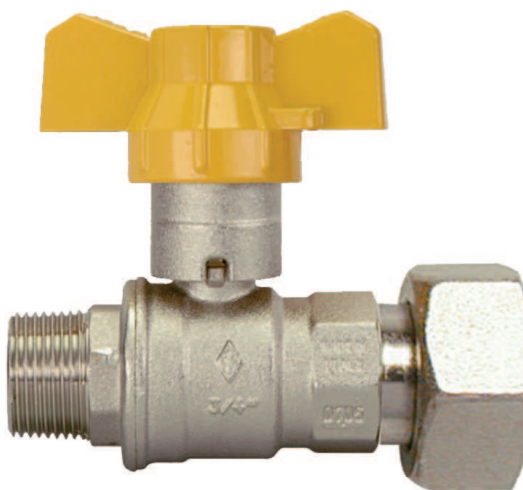


ART. 1059

CHIAVE PER SERRATURA DI SICUREZZA  KEY FOR SAFETY LOCK 

  MASCHIO / DADO GIREVOLE, SERRATURA DI SICUREZZA E MOROSITÀ
 MALE / SWVEL WITH SAFETY LOCK

ART. 959



MISURE / SIZE	DN	PN	CODE	959
3/4" x 1"1/4	20	5		0959519
1" x 1"1/4	25	5		0959536

ART. 1059



ART. 1059

CHIAVE PER SERRATURA DI SICUREZZA  KEY FOR SAFETY LOCK 

  FEMMINA / FEMMINA, SERRATURA DI SICUREZZA E MOROSITÀ
 FEMALE / FEMALE WITH SAFETY LOCK

ART. 966



MISURE/SIZE	DN	PN	CODE	966
1/2"	15	5		096604
3/4"	20	5		096606
1"	25	5		096608

ART. 1059

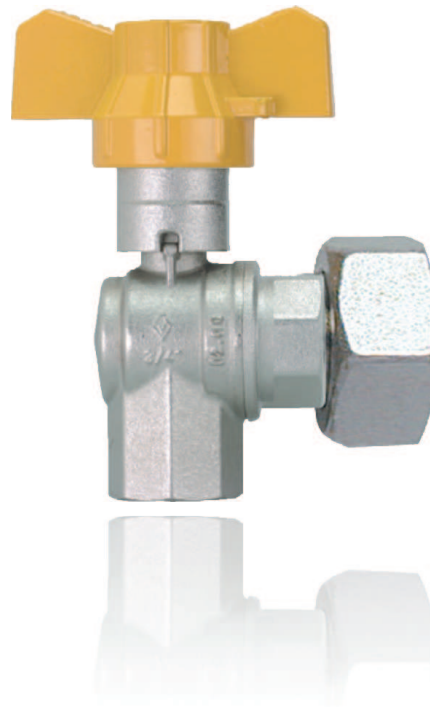


ART. 1059

CHIAVE PER SERRATURA DI SICUREZZA  
 KEY FOR SAFETY LOCK 

  FEMMINA / DADO MOBILE, SERRATURA DI SICUREZZA E MOROSITÀ
 FEMALE / SWIVEL WITH SAFETY LOCK

ART. 967



MISURE/SIZE	DN	PN	CODE	967
3/4" x 1"1/4	15	5		0967519
1" x 1"1/4	20	5		0967536

ART. 1059



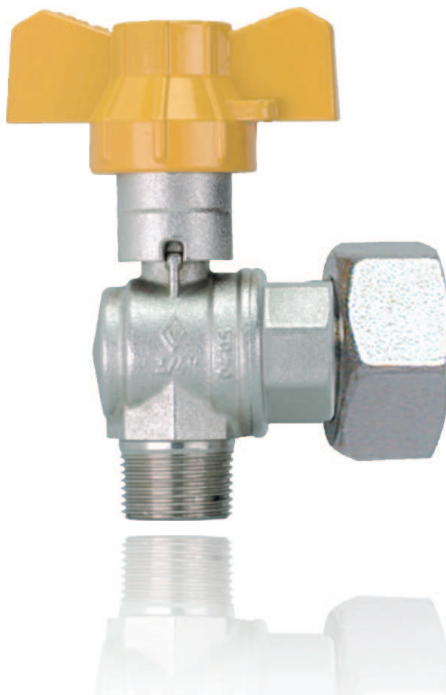
ART. 1059

CHIAVE PER SERRATURA DI SICUREZZA  
 KEY FOR SAFETY LOCK 



MASCHIO / DADO GIREVOLE, SERRATURA DI SICUREZZA E MOROSITÀ

MALE / SWIVEL WITH SAFETY LOCK

ART. 968


MISURE / SIZE	DN	PN		968
3/4" x 1 1/4"	15	5	CODE	0968519
1" x 1 1/4"	20	5		0968536

ART. 1059

ART. 1059

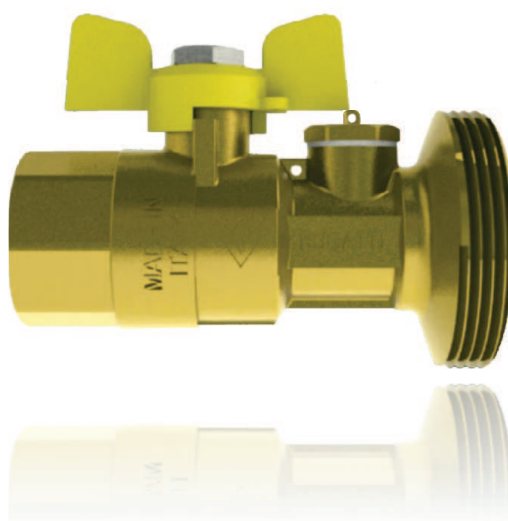
CHIAVE PER SERRATURA DI SICUREZZA

KEY FOR SAFETY LOCK



VALVOLA POST-CONTATORE CON PUNTO DI PRESA PRESSIONE. LEVA A FARFALLA

AFTER-METER VALVE WITH GAUGE PRESSURE PORT. T-HANDLE

ART. 961


MISURE / SIZE	DN	PN		961
3/4" x 1 1/4"	20	40	CODE	0961519
1" x 1 1/4"	25	25		0961536

  **VALVOLA POST-CONTATORE CON PRESA DI PRESSIONE. SERRATURA DI SICUREZZA.**
 **AFTER-METER VALVE WITH GAUGE PRESSURE PORT. ANTI-THEFT T-HANDLE**

ART. 942



ART. 1059



MISURE/SIZE	DN	PN	CODE	942
3/4" x 1"1/4	20	40		0942519
1" x 1"1/4	25	25		0942536

CHIAVE PER SERRATURA DI SICUREZZA



KEY FOR SAFETY LOCK



  **VALVOLA AD ANGOLO POST-CONTATORE CON PUNTO DI PRESA PRESSIONE. LEVA A FARFALLA**
 **AFTER-METER ANGLE VALVE WITH GAUGE PRESSURE PORT. T-HANDLE**

ART. 962



MISURE/SIZE	DN	PN	CODE	962
3/4" x 1"1/4	20	40		0962519
1" x 1"1/4	25	25		0962536

  VALVOLA AD ANGOLO POST-CONTATORE CON PRESA DI PRESSIONE. SERRATURA DI SICUREZZA.
  AFTER-METER ANGLE VALVE WITH GAUGE PRESSURE PORT. ANTI-THEFT T-HANDLE

ART. 1059



ART. 943



MISURE/SIZE	DN	PN	CODE	943
3/4" x 1"1/4	20	40		0943519
1" x 1"1/4	25	25		0943536

ART. 1059

CHIAVE PER SERRATURA DI SICUREZZA

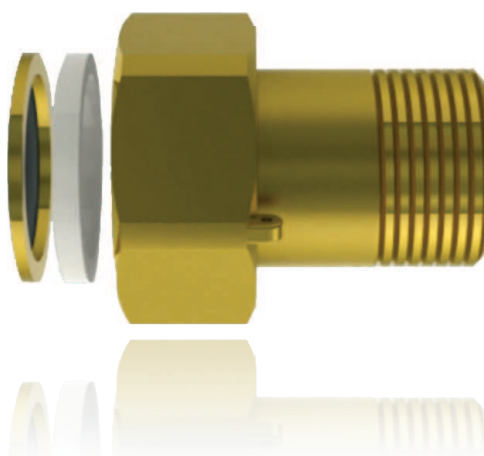


KEY FOR SAFETY LOCK



  CODOLO PER TUBO IN FERRO
  SWIVEL-NUT CONNECTION FOR IRON TUBINGS

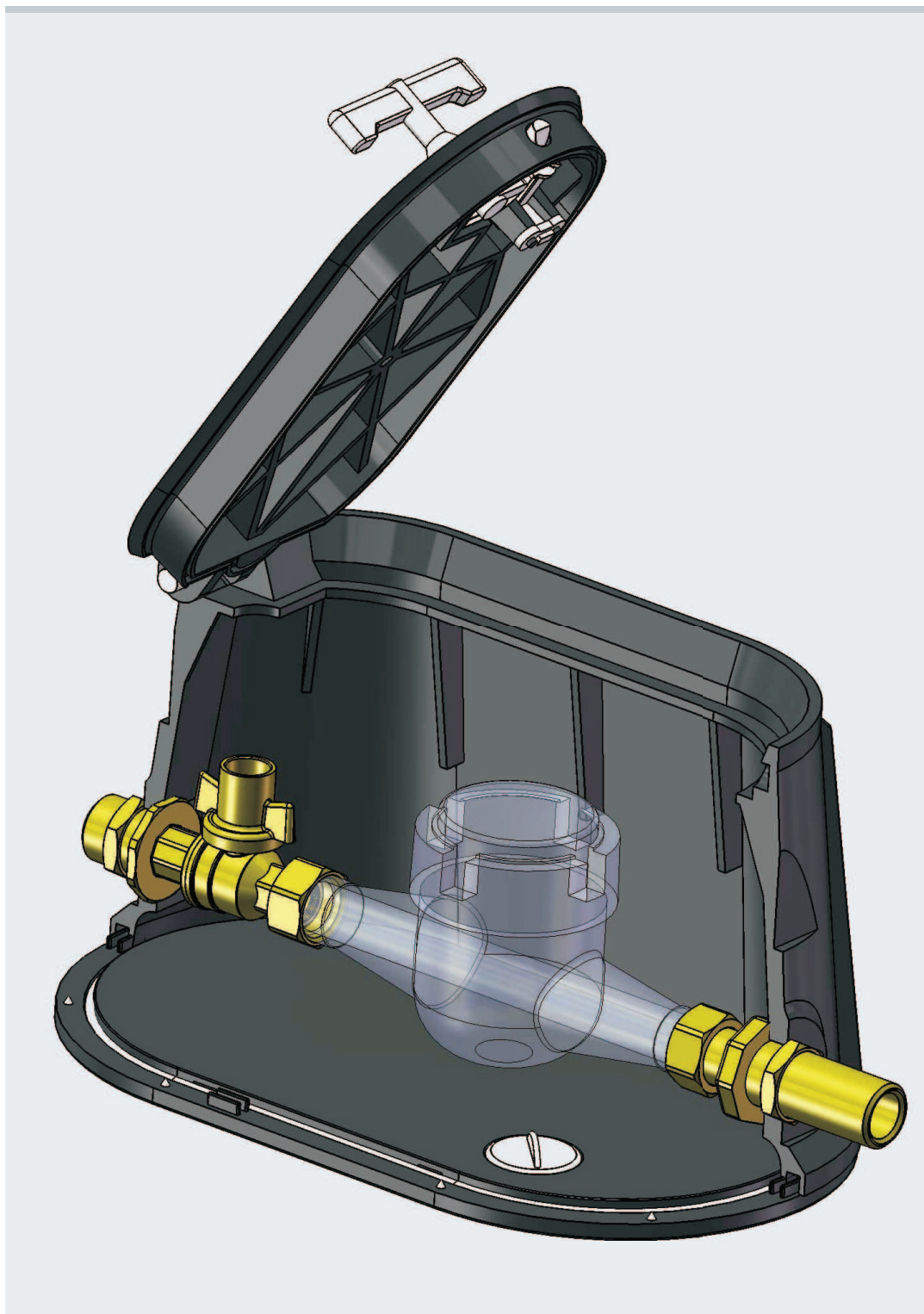
ART. 946



MISURE/SIZE	DN	PN	CODE	946
3/4" x 1"1/4	20	5		0946519
1" x 1"1/4	20	5		0946536

ACCESSORI

  ACCESSORI
 ACCESSORIES



  VALVOLA DI RITEGNO A MOLLA EURO 1000, OTTURATORE IN NYLON
 SPRING CHECK VALVE EURO 1000 WITH PLASTIC INSERT

ART. 191



MISURA		191
3/8"	CODE	019103
1/2"		019104
3/4"		019106
1"		019108
1" 1/4		019110
1" 1/2		019112
2"		019116
2" 1/2 *		019120
3" *		019124
4" *		019132

VALVOLA DI FONDO A MOLLA CON FILTRO INOX 1000 MICRON, INSERTO PLASTICO
 FOOT VALVE WITH 1000 MICRON FILTER, PLASTIC INSERT

ART. 194



MISURA		194
1/2"	CODE	019404
3/4"		019406
1"		019408
1" 1/4		019410
1" 1/2		019412
2"		019416
2" 1/2		019420
3" *		019424
4" *		019432

  VALVOLA DI RITEGNO A MOLLA EURO 2000, OTTURATORE IN OTTONE
 SPRING CHECK VALVE EURO 2000 WITH BRASS INSERT

ART. 192



MISURA		192
3/8"	CODE	019203
1/2"		019204
3/4"		019206
1"		019208
1" 1/4		019210
1" 1/2		019212
2"		019216
2" 1/2 *		019220
3" *		019224
4" *		019232

EURO
2000

  FILTRO IN ACCIAIO INOX
 STAINLESS STEEL FILTER

ART. 197



MISURA		197
1/2"	CODE	019704
3/4"		019706
1"		019708
1" 1/4		019710
1" 1/2		019712
2"		019716
2" 1/2		019720
3"		019724
4"		019732

* A richiesta filetto NPT aumento 4% * NPT thread under request with 4% price increase

  Rubinetto portagomma tipo pesante, leva acciaio e sistema antigelo
 No-frost hose bibcock, heavy type, steel handle

ART. 691N



MISURA / SIZE	DN	PN	CODE	691N
1/2"	10	16		0691N04
3/4"	14	16		0691N06

  Rubinetto portagomma tipo pesante, leva alluminio
 No-frost hose bibcock, aluminium handle

ART. 691



MISURA / SIZE	DN	PN	CODE	691
1/2"	10	16		069104
3/4"	14	16		069106

  Rubinetto portagomma tipo pesante, leva acciaio e sfera teflonata anticalcare
 Hose bibcock, heavy type, steel handle and teflon-coated ball lime-proof

ART. 691C



MISURA / SIZE	DN	PN	CODE	691C
1/2"	10	16		0691C04
3/4"	14	16		0691C06

  Rubinetto portagomma tipo pesante, leva a farfalla
 Heavy type hose bibcock, aluminium "T" handle

ART. 692



MISURA / SIZE	DN	PN	CODE	692
1/2"	10	16		069204
3/4"	14	16		069206

  RUBINETTO PORTAGOMMA, LEVA ALLUMINIO
 HOSE BIBCOCK, ALUMINIUM HANDLE

ART. 689



MISURA / SIZE	DN	PN	CODE	689
3/8"	10	16		068903
1/2"	10	16		068904
3/4"	14	16		068906
1"	15	16		068908

  RUBINETTO PORTAGOMMA, LEVA A FARFALLA
 HOSE BIBCOCK, "T" HANDLE

ART. 688



MISURA / SIZE	DN	PN	CODE	688
3/8"	10	16		068803
1/2"	10	16		068804
3/4"	14	16		068806
1"	15	16		068808

  RUBINETTO PORTAGOMMA CON LEVA IN ACCIAIO
 HOSE BIBCOCK, STEEL HANDLE

ART. 661



MISURA / SIZE	DN	PN	CODE	661
3/8"	10	16		066103
1/2"	10	16		066104
3/4"	14	16		066106
1"	15	16		066108

 **SARACINESCA IN OTTONE STAMPATO, TIPO PESANTE**
 **HOTPRESSED BRASS GATE VALVE, HEAVY TYPE**

ART. 105



MISURA		105
1/4"	CODE	010502
3/8"		010503
1/2"		010504
3/4"		010506
1"		010508
1" 1/4		010510
1" 1/2		010512
2"		010516
2" 1/2 *		010520
3" *		010524
4" *		010532

 **SARACINESCA IN BRONZO, TIPO NORMALE**
 **HOTPRESSED BRASS GATE VALVE, NORMAL TYPE**

ART. 110



MISURA		110
1/4"	CODE	011004
3/8"		011006
1/2"		011008
3/4"		011010
1"		011012
1" 1/4		011016
1" 1/2		011020
2"		011024
2" 1/2 *		011032
3" *		011040
4" *		011048

 **VALVOLA A CLAPET IN OTTONE STAMPATO, SEDE GOMMA NBR**
 **HOTPRESSED BRASS SWING CHECK VALVE, RUBBER NBR SEAT**

ART. 181



MISURA		181
1/2"	CODE	018104
3/4"		018106
1"		018108
1" 1/4		018110
1" 1/2		018112
2"		018116
2" 1/2		018120
3"		018124
4"		018132

 **VALVOLA A CLAPET IN OTTONE STAMPATO, SEDE METALLICA**
 **HOTPRESSED BRASS SWING CHECK VALVE, METAL SEAT**

ART. 180

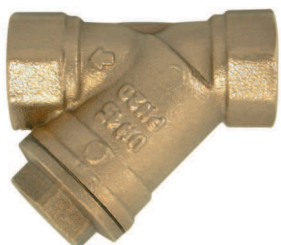


MISURA		180
1/2"	CODE	018004
3/4"		018006
1"		018008
1" 1/4		018010
1" 1/2		018012
2"		018016
2" 1/2		018020
3" *		018024
4" *		018032

* A richiesta filetto NPT aumento 4% * NPT thread under request with 4% price increase

  **RACCOGLITORE DI IMPURITÀ IN OTTONE CON FILTRO INOX 600 MICRON**
 **BRASS FILTER WITH 600 MICRON STAINLESS STEEL CARTRIDGE**

ART. 170



MISURA	CODE	170
1/2"		017002
3/4"		017004
1"		017006
1" 1/4		017008
1" 1/2		017010
2"		017012
2" 1/2		017016
3"		017020
4" **		017024

  **RIDUTTORE DI PRESSIONE FEMMINA/FEMMINA**
 **PRESSURE REDUCER FEMALE/FEMALE**

ART. 978



MISURA	CODE	978
1/2"		097804
3/4"		097806
1"		097808
1" 1/4		097810
1" 1/2		097812
2"		097816
2" 1/2		097820
3"		097824
4"		097832

** Corpo in bronzo * Bronze made body

  **RIDUTTORE DI PRESSIONE FEMMINA/FEMMINA ATTACCHI A BOCCHETTONI**
 **PRESSURE REDUCER WITH FEMALE/FEMALE UNION COUPLERS**

ART. 980



MISURA	CODE	980
1/2"		098004
3/4"		098006
1"		098008
1" 1/4		098010
1" 1/2		098012
2"		098016

  **RIDUTTORE DI PRESSIONE FEMMINA/FEMMINA TIPO MIGNON**
 **PRESSURE REDUCER FEMALE/FEMALE TYPE MIGNON**

ART. 977



MISURA	CODE	977
3/8"		097703
1/2"		097704
3/4"		097706

  **FILTRO AUTOPULENTE 100 MICRON CON DOPPIO MANOMETRO**
 **100 MICRON SELF-CLEANING FILTER, WITH DOUBLE GAUGE**

ART. 989



MISURA		989
1/2"	CODE	098904
3/4"		098906
1"		098908
1" 1/4		098910
1" 1/2		098912
2"		098916

  **MANOMETRO CON ATTACCO POSTERIORE, SCALE 6-10-16 BAR**
 **GAUGE WITH REAR COUPLING**

ART. 986



MISURA	SCALA		986
1/4"	6 bar	CODE	098606
1/4"	10 bar		098610
1/4"	16 bar		098616

  **MANOMETRO CON ATTACCO RADIALE, SCALE 6-10-16 BAR**
 **PRESSURE GAUGE**

ART. 985



MISURA	SCALA		985
1/4"	6 bar	CODE	098506
1/4"	10 bar		098510
1/4"	16 bar		098516

  **VALVOLA SFOGO ARIA AUTOMATICA**
 **AUTOMATIC AIR VENT**

ART. 1002



MISURA		989
1/4"	CODE	100202
3/8"		100203
1/2"		100204
3/4"		100206
1"		100208



COLLARE ANTIFRODE in ottone per contatore dell'acqua

BRASS COLLAR with anti-theft screw for water-meters

ART. 8602


MISURE/SIZE	CODE	8602
3/4"		8602 02
1"		8602 03
1" 1/4		8602 04
1" 1/2		8602 05
2"		8602 06



CHIAVE PER QUADRO DI MANOVRA

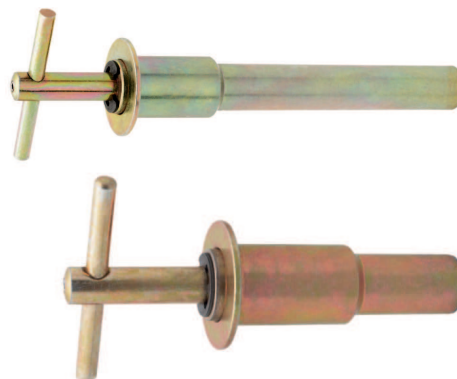
KEY FOR SQUARE HEAD

ART. 5972




CHIAVE ANTIFRODE LUNGA E CORTA

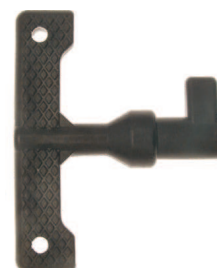
LONG AND SHORT KEY FOR ANTITHEFT SCREW

ART. 5971/8269




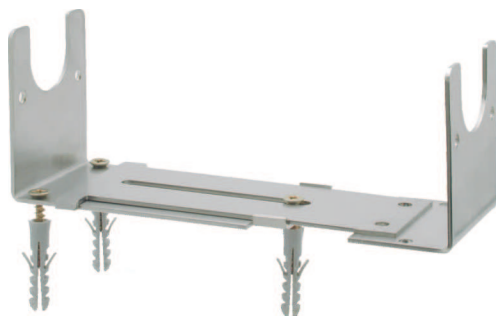
CHIAVE PER POZZETTO WATERWORKS

KEY FOR WATERWORKS PLASTIC BOX

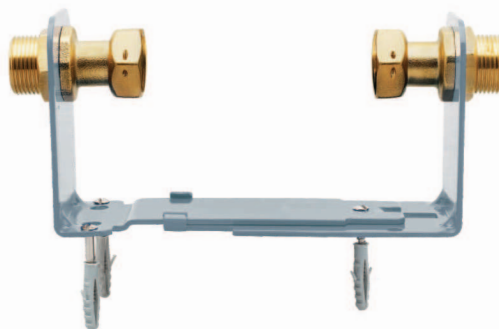
ART. 5973


 MENSOLA REGOLABILE IN ACCIAIO INOX PER CONTATORE DELL'ACQUA
 STAINLESS STEEL SLIDING SUPPORT FOR WATER-METERS

ART. 5970



ART. 5985



	RACCORDI	CODE	5985
	MASCHIO 3/4" / DADO MOBILE 3/4"		5985.02
	MASCHIO 3/4" / DADO MOBILE 1"		5985.03

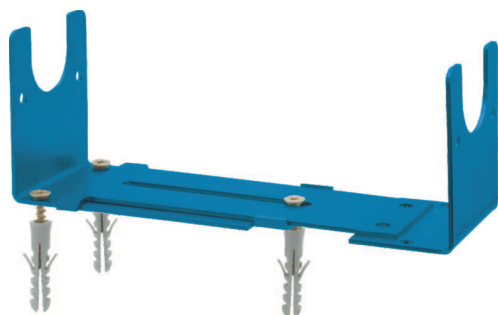
Con raccordi e dado mobile

	FITTINGS	CODE	5985
	MALE 3/4" / SWIVEL NUT 3/4"		5985.02
	MALE 3/4" / SWIVEL NUT 1"		5985.03

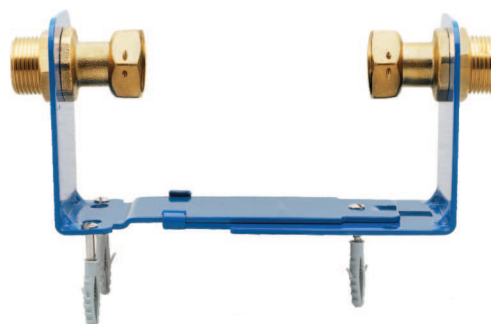
With fittings and swivel nut

 MENSOLA REGOLABILE IN ACCIAIO VERNICIATO PER CONTATORE DELL'ACQUA
 PAINTED STEEL SLIDING SUPPORT FOR WATER-METERS

ART. 5980



ART. 5975



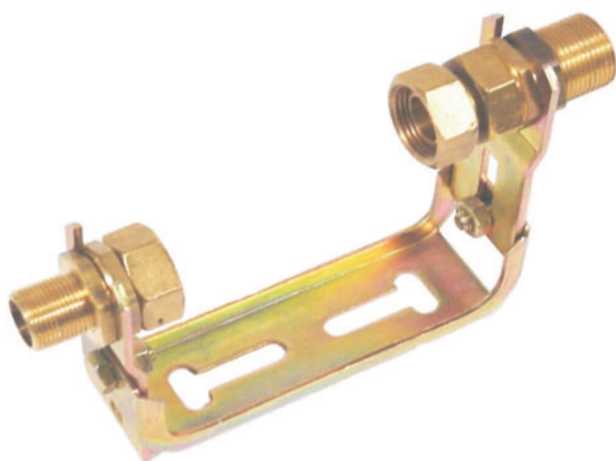
	RACCORDI	CODE	5975
	MASCHIO 3/4" / DADO MOBILE 3/4"		5975.02
	MASCHIO 3/4" / DADO MOBILE 1"		5975.03

Con raccordi e dado mobile

	FITTINGS	CODE	5975
	MALE 3/4" / SWIVEL NUT 3/4"		5975.02
	MALE 3/4" / SWIVEL NUT 1"		5975.03

With fittings and swivel nut

  **MENSOLA FISSA IN ACCIAIO INOX PER CONTATORE ACQUA**
 **FASTENED STAINLESS STEEL SUPPORT FOR WATER-METERS**

ART. 5995

MISURE/SIZE		5995
105 mm	CODE	5995.02
190 mm		5995.03
260 mm		5995.04
300 mm		5995.05



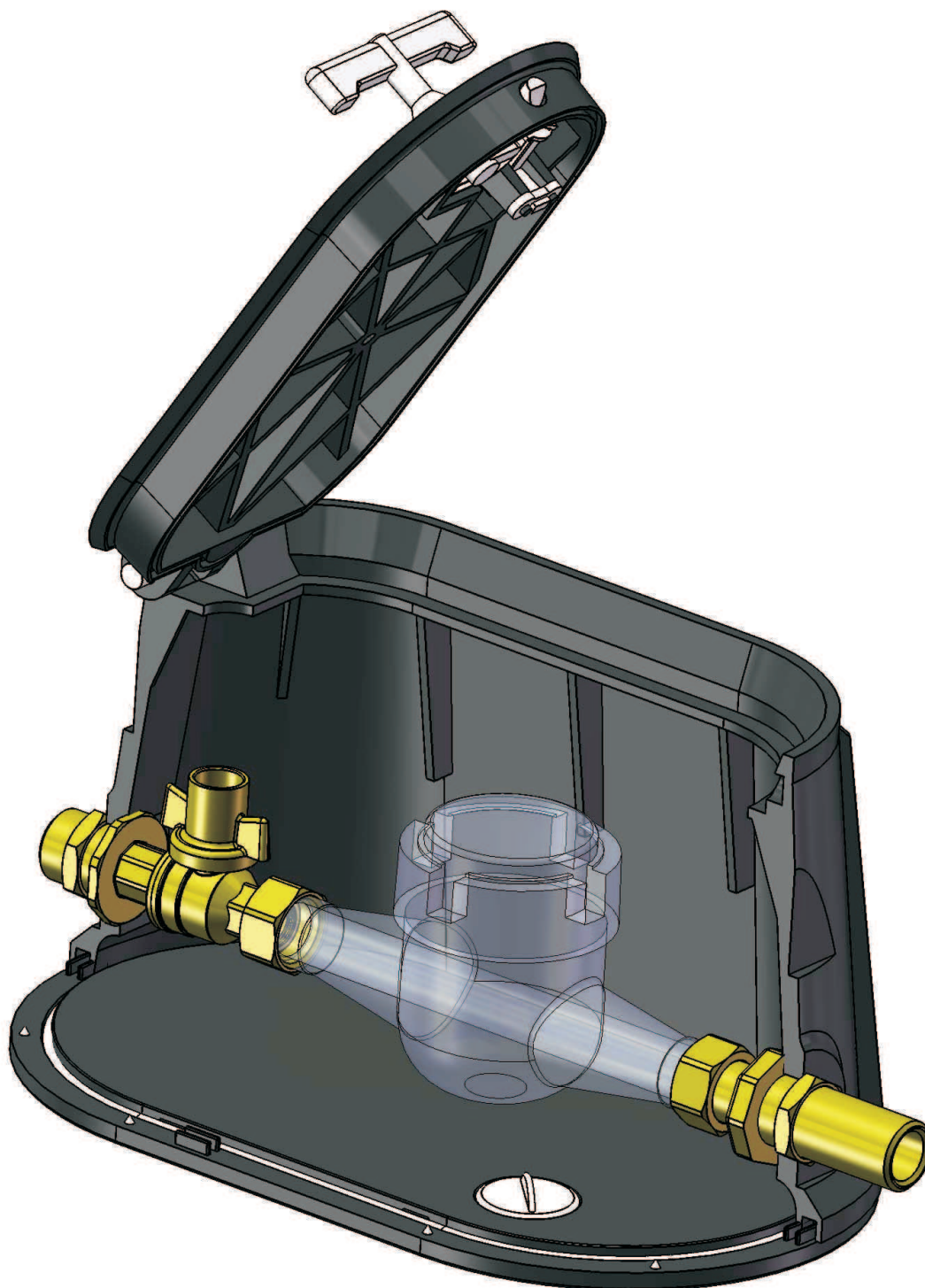
POZZETTI E ARMADI PER CONTATORI ACQUA

Caratteristiche tecniche



CASES AND PLASTIC BOXES FOR WATER-METERS

Technical specifications





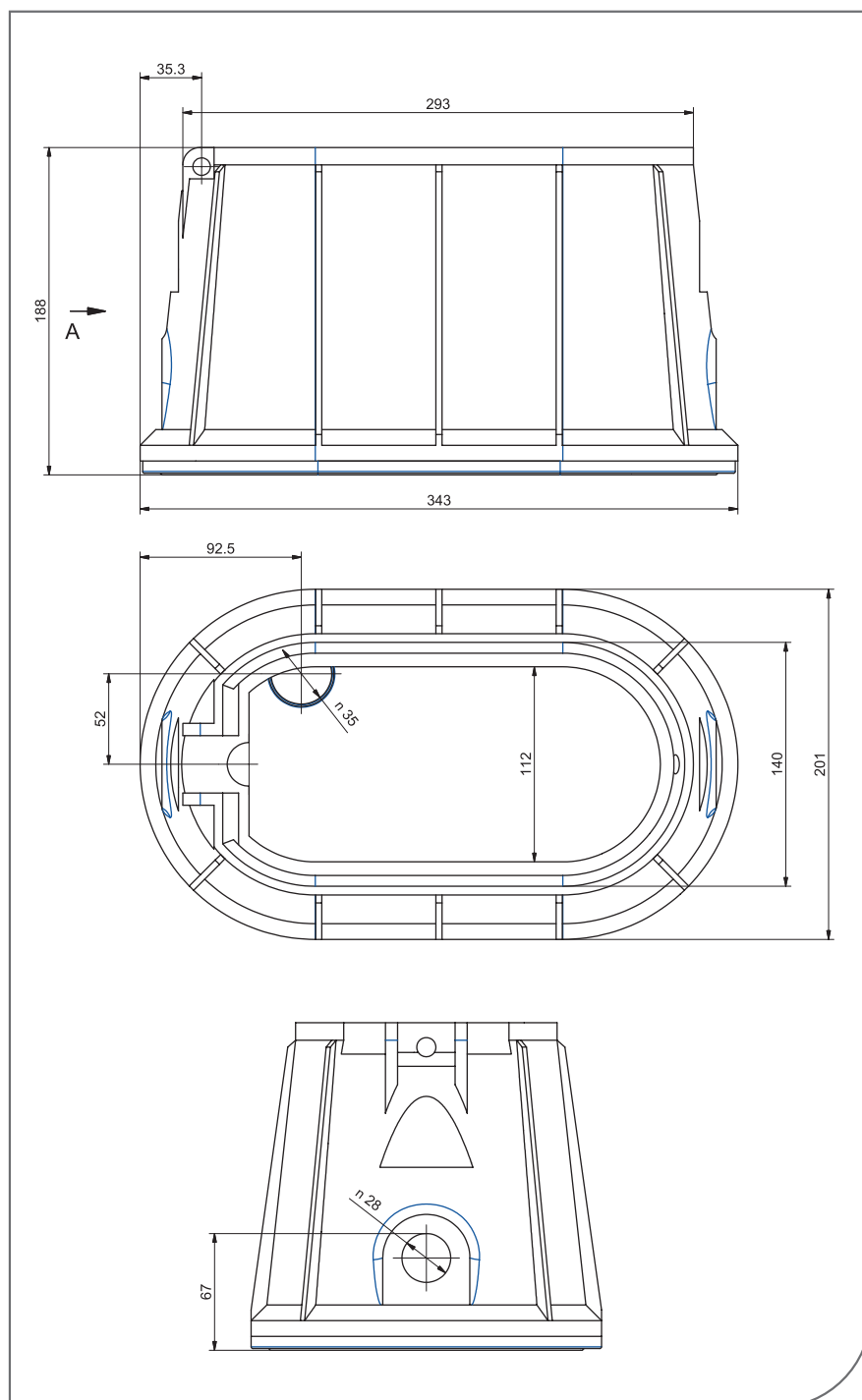
POZZETTI E ARMADI PER CONTATORI ACQUA

Caratteristiche tecniche

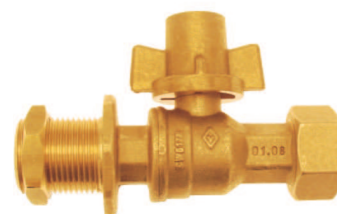


CASES AND PLASTIC BOXES FOR WATER-METERS

Technical specifications



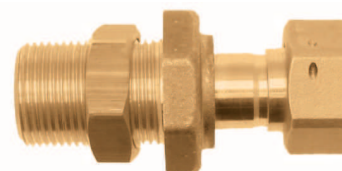
ART. 85000051



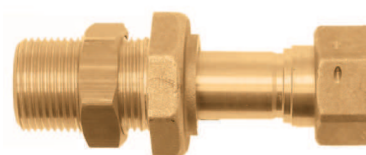
ART. 8550



ART. 5965



ART. 5961



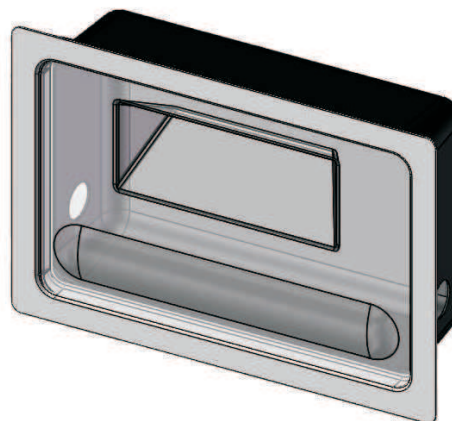
  **POZZETTO IN PLASTICA PER CONTATORE DELL'ACQUA**
 **PLASTIC BOX FOR WATER-METERS**

ART. KCON0020



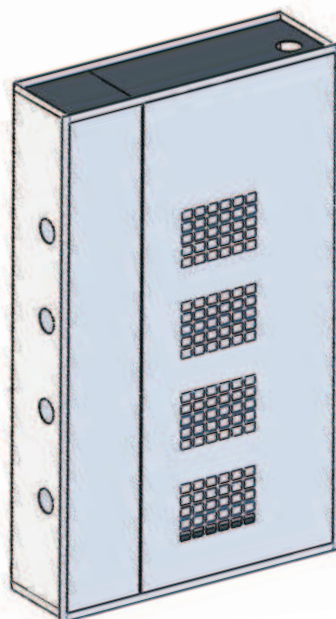
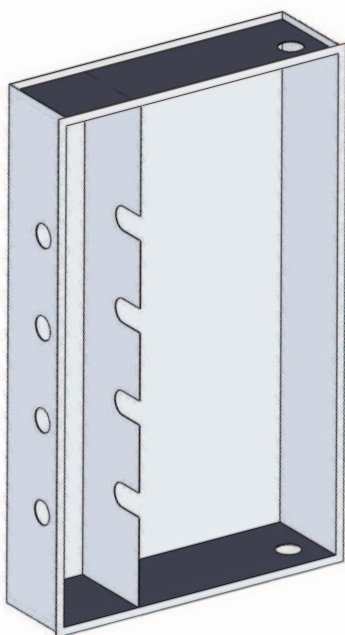
  **CASSETTA A PARETE ORIZZONTALE IN ABS**
 **PLASTIC BOX FOR WATER METERS- HORIZONTAL VERSION**

ART. KCON0051



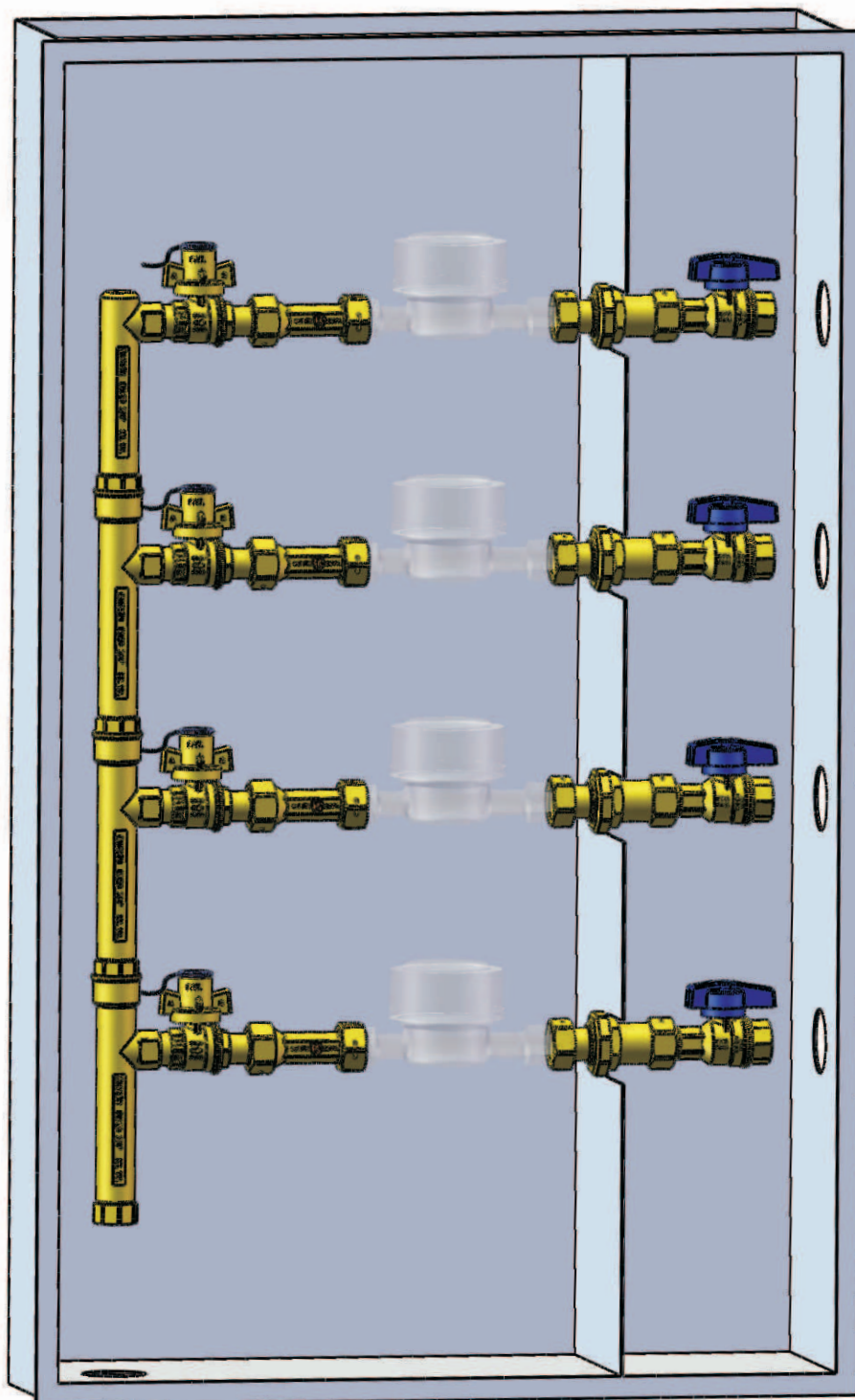
  **CASSETTA A PARETE VERTICALE**
 **METAL BOX FOR WATER METERS-VERTICAL VERSION**

ART. KCON0052



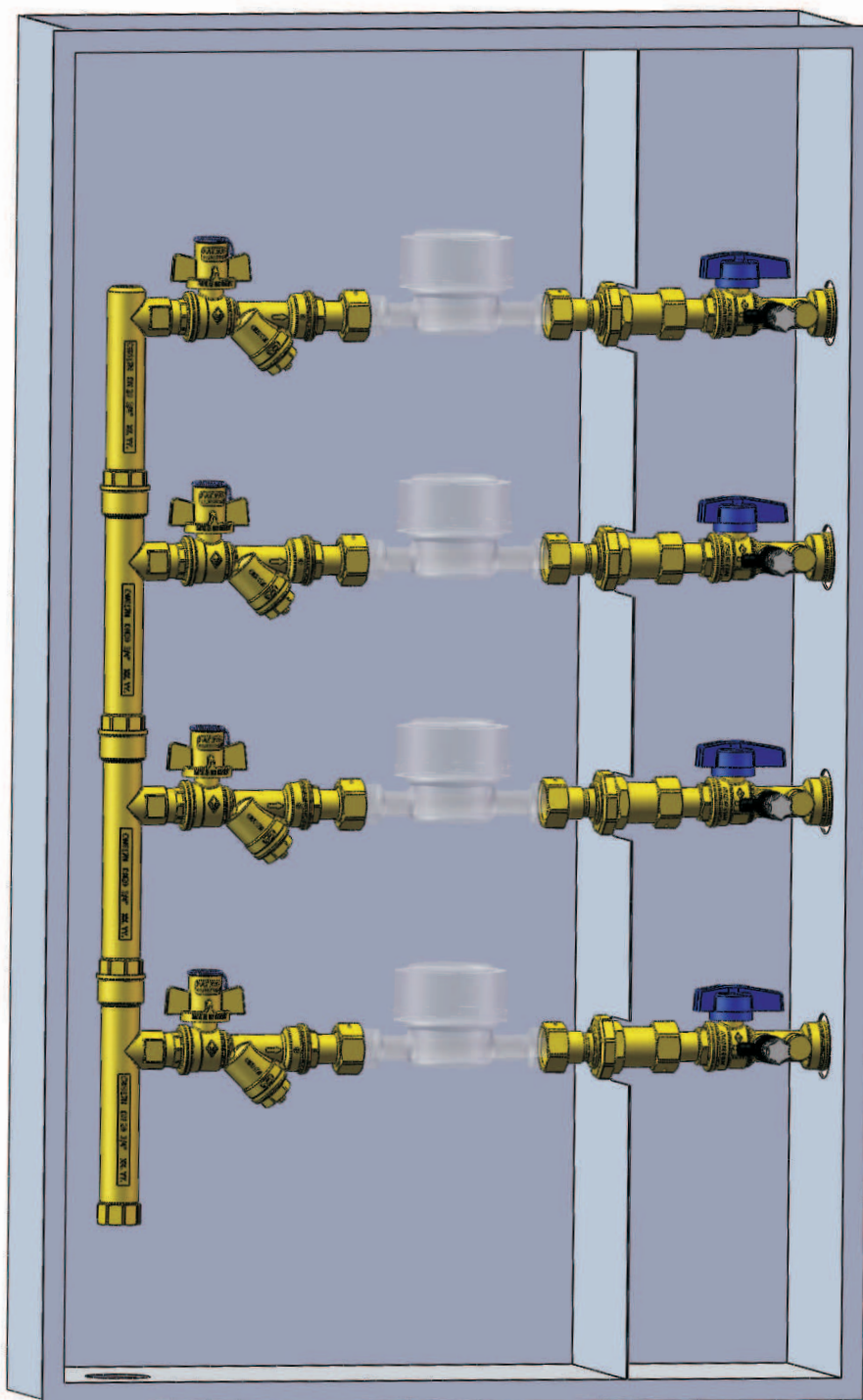
  CASSETTA A PARETE VERTICALE COMPLETA DI VALVOLE
 METAL BOX FOR WATER METERS WITH VALVES- VERTICAL VERSION

ART. KCON0055



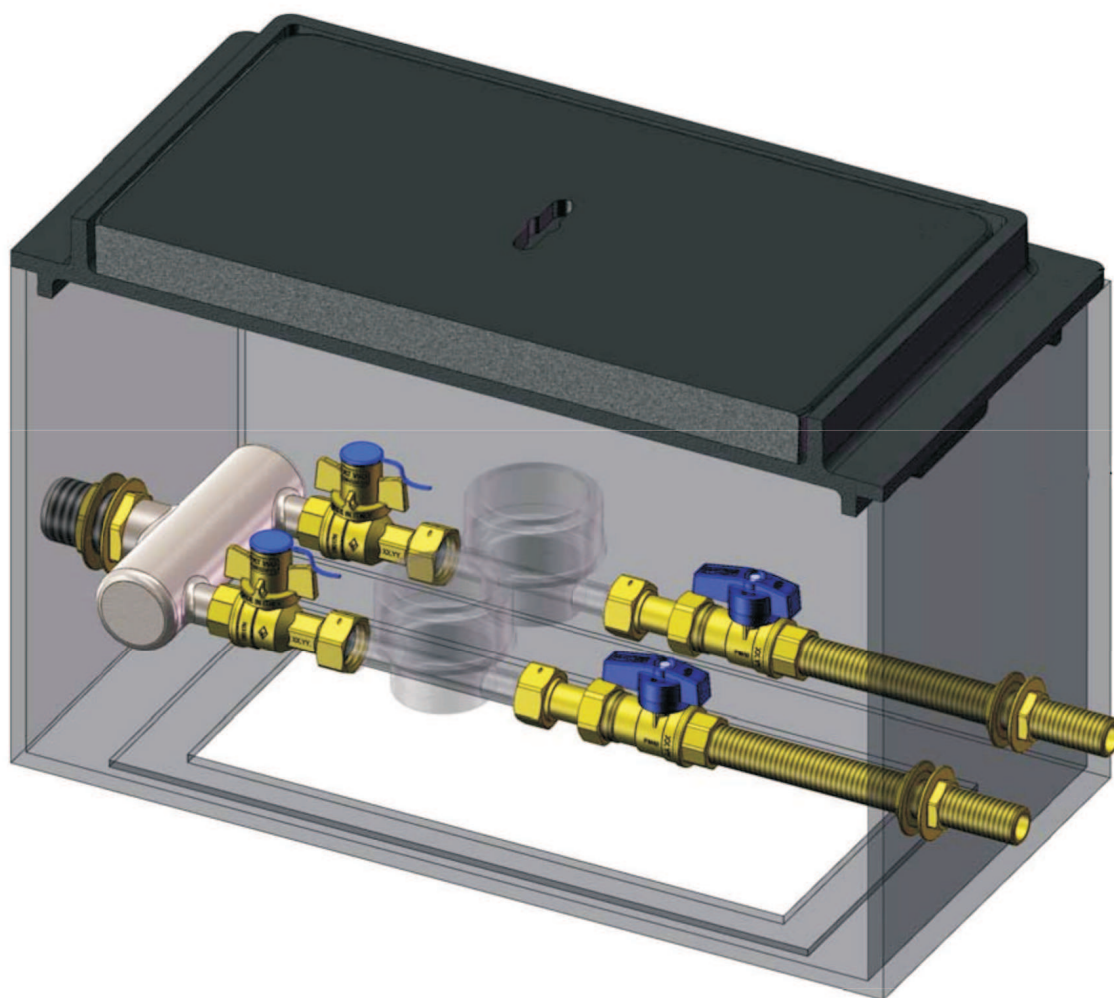
 CASSETTA A PARETE VERTICALE COMPLETA DI VALVOLE
 METAL BOX FOR WATER METERS WITH VALVES - VERTICAL VERSION

ART. KCON0056



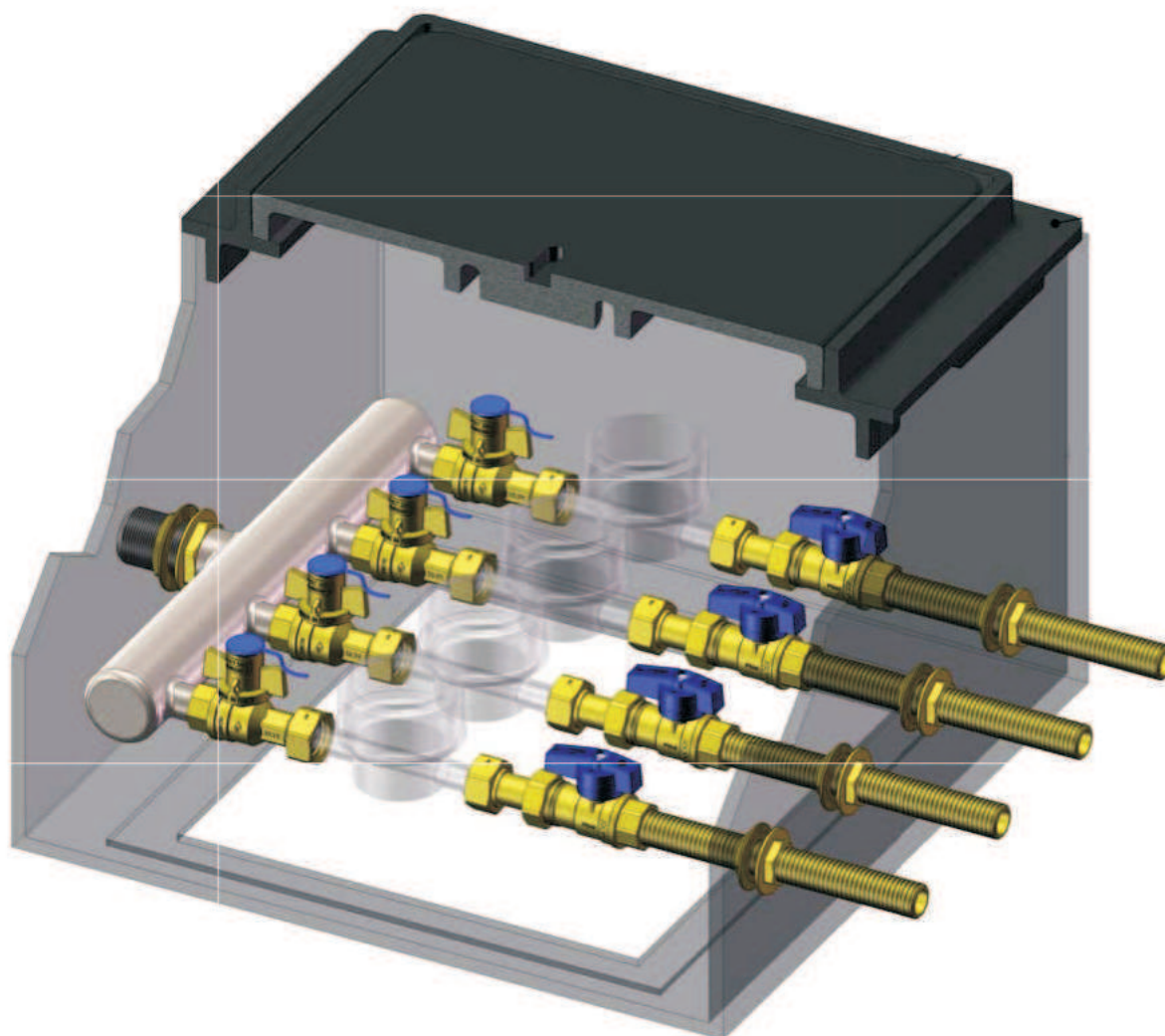
  POZZETTO IN PUR A DUE USCITE
 UNDERGROUND PLASTIC BOX FOR WATER METERS- 2 LINES

ART. KCON0057



  POZZETTO IN PUR A 4 USCITE
 UNDERGROUND PLASTIC BOX FOR WATER METERS- 4 LINES

ART. KCON0058



Lined area for notes.

Lined area for notes, consisting of multiple horizontal lines.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

CONDIZIONI DI GARANZIA WARRANTY CONDITIONS

I prodotti fabbricati da VALVOSANITARIA BUGATTI GROUP S.r.l. (di seguito denominata: Azienda) sono garantiti per due anni dalla data di spedizione dai propri stabilimenti. La presente garanzia si aggiunge e non pregiudica i diritti dell'acquirente previsti dalla Direttiva Europea 99/44/CE e relativo decreto nazionale di attuazione, salvo in casi ove diversamente specificato.

Sono esclusi dalla presente garanzia, i guasti e gli eventuali danni causati da:

- Trasporto non effettuato a cura dell'Azienda.
- Inosservanza delle istruzioni e delle avvertenze previste dal produttore e riportate sui manuali, istruzioni e/o cataloghi dei prodotti.
- Inosservanza di norme e/o disposizioni previste da leggi e/o regolamenti vigenti.
- Assenza o difetto di manutenzione periodica, trascuratezza, incapacità d'uso, manomissioni.
- Errata installazione e/o anomalie di qualsiasi genere nell'alimentazione degli impianti idraulici, elettrici, di erogazione del combustibile e/o scarichi.
- Inadeguati trattamenti dell'acqua di alimentazione, trattamenti disincrostanti erroneamente effettuati.
- Corrosione causata dall'aggressività dell'acqua o da condensa.
- Gelo, correnti vaganti, e/o effetti dannosi di scariche atmosferiche.
- Sostituzioni preventive.
- Cause di forza maggiore indipendenti dalla volontà e dal controllo dell'Azienda produttrice.

Gli eventuali difetti nei materiali, o vizi occulti, come pure gli errori, le differenze nelle dimensioni eccedenti le normali tolleranze di fabbricazione impegneranno l'Azienda alla sola sostituzione dei pezzi difettosi.

Eventuali resi di merce non conforme verranno accettati solo con preventiva autorizzazione scritta (autorizzazione al reso) da parte dei Responsabili Commerciali dell'Azienda. In ogni caso la merce resa dovrà pervenire presso gli stabilimenti dell'Azienda in porto franco. Diversamente la merce sarà respinta al mittente.

Ogni eventuale reso di materiale conforme, deve essere preventivamente concordato con la Direzione Commerciale dell'Azienda. I costi di trasporto saranno a carico del cliente.

La copertura assicurativa ha durata di dieci anni dalla data di spedizione dagli stabilimenti dell'Azienda, come previsto dal DPR 24-05-1988 numero 224.

Solo nel caso di messa in opera di prodotti non conformi dell'Azienda e di danni a persone o a cose in volontariamente causati da questi, essa incaricherà la propria Compagnia d'Assicurazione di procedere a norma di polizza. Per aprire il sinistro con la Compagnia d'Assicurazione, l'Azienda deve ricevere denuncia del sinistro entro 10 giorni dall'evento, pena il mancato risarcimento, e tutti i dati dello stesso su apposito questionario con allegati documenti e campioni necessari per la gestione della pratica di risarcimento, entro termine di 30 gg.

Nessun rimborso sarà riconosciuto al Cliente prima che l'Azienda abbia verificato la causa del reclamo e/o del danno.

Nel caso in cui siano necessari o richiesti dei test di laboratorio per la verifica, ricerca, definizione della non conformità di un reso/reclamo/sinistro, ove la stessa non risultasse imputabile a responsabilità dell'Azienda, i costi sostenuti saranno addebitati al richiedente. Gli installatori devono effettuare e documentare le prove sugli impianti secondo le normative internazionali vigenti, in Italia come prescritto dal DM 37/08, e la norma UNI 9182.

The products manufactured by VALVOSANITARIA BUGATTI GROUP S.r.l. (hereinafter referred to as "Company") are guaranteed for 2 years from the date of shipment from its premises. This warranty is additional to and does not affect the buyer's rights under the European Directive 99/44/CE and its national implementing decree, except where otherwise specified.

This warranty does not cover the failure or damage caused by:

- *Transport not carried out by the Company.*
- *No compliance with instructions and warnings provided by the manufacturer and reported on manuals, and instructions and/or product catalogues.*
- *No compliance with law and/or regulations.*
- *Absence or lack of maintenance, neglect, inability to use, tampering.*
- *Improper installation and/or anomalies of any nature in the supply of hydraulic, electrical, fuel delivery and/or exhaust systems.*
- *Inadequate water treatments, disinfecting treatments improperly carried out.*
- *Corrosion due to the aggressive nature of water or condensation.*
- *Frost, stray currents, and/or harmful effects of lightning and storms.*
- *Preventive replacements.*
- *Causes of force majeure beyond the control of the manufacturing Company.*

Any defect in materials or hidden faults as well as mistakes or differences in dimensions exceeding normal manufacturing tolerances will commit the Company to the replacement of defective parts only.

Any return of non-conforming goods will be accepted only with prior written authorization ("Return Authorization") by the Company's Sale Manager.

In any case the returned goods shall have to reach the Company's warehouse freight paid, otherwise the goods will be rejected and returned to the sender.

Any return of non-compliant material must be agreed in advance with the Company's Sale Director. Transport costs will be borne by the customer.

The insurance cover has the duration of 10 years from the date of shipment from the Company's premises, as contemplated in the Decree 24-05-1988 n°224.

Only in the case of the implementation of non-conforming products manufactured by the Company and as a result, accidental damages to person or things, the Company will require their insurance agency to proceed according to its policy. The claim has to be placed within 10 days of the event, otherwise a non-compensation penalty will apply. A specific questionnaire including all the accident details, relevant documentation, and samples of the faulty articles which are necessary to complete the compensation file must be duly filled within 30 days.

No refund will be granted before the Company has verified the causes of the complaint.

Should laboratory tests be necessary, the costs incurred whilst checking and defining the non-conformity of a claim or return or damage will be charged to the customer if the fault cannot be attributed to the Company.

Installers are to carry out and document plant tests in compliance with international regulations in force in Italy as prescribed by the Ministerial Decree 37/08 and UNI 9182 standards.

CONDIZIONI DI VENDITA TERMS OF SALE

ORDINI

Tutti gli ordini s'intendono assunti a titolo di prenotazione e non impegnano la nostra società alla consegna anche parziale. Gli ordini, per essere evasi, dovranno avere un importo minimo di € 700 netto merce.

PREZZI

Salvo diverso accordo da approvarsi per iscritto, si applicano i prezzi in vigore al momento della consegna o spedizione. I prezzi s'intendono per merce resa franco nostro magazzino.

SPEDIZIONI

La merce normalmente viaggia in Porto Assegnato, salvo accordi particolari in contrario. La merce viaggia a rischio e pericolo del committente anche se venduta franco destino.

PAGAMENTI

Le condizioni di pagamento sono quelle indicate in fattura e sono vincolanti.

Trascorse le scadenze convenute, senza alcun avviso, saranno conteggiati gli interessi di mora calcolati secondo il tasso bancario medio praticato alla data della scadenza.

I bolli tratta o ricevuta saranno a totale carico del Cliente.

RECLAMI

Non si accettano reclami trascorsi 5 giorni lavorativi dalla data di ricevimento della merce. I reclami devono essere effettuati per iscritto e recapitati presso la nostra sede.

RESI

Non si accetta merce di ritorno senza la nostra preventiva autorizzazione.

L'autorizzazione deve essere rilasciata per iscritto e, in ogni caso, la merce è resa in Porto Franco.

SOSPENSIONE DI ORDINI E FORZA MAGGIORE

Qualora da parte dell'acquirente non venissero rispettate, anche solo parzialmente, le condizioni di vendita, la nostra società potrà sospendere le ulteriori consegne.

La nostra società è esonerata dall'esecuzione degli obblighi derivanti dal contratto di vendita in qualunque caso di forza maggiore.

MODIFICHE

La nostra Società si riserva di apportare, senza alcun preavviso, in qualsiasi momento e per qualsiasi ragione qualunque modifica che si rendesse tecnicamente necessaria.

Le immagini contenute nel catalogo sono puramente indicative e non impegnano l'azienda che si riserva, quindi, il diritto di apportare modifiche senza obbligo di preavviso.

FORO COMPETENTE

In caso di controversia è riconosciuta la sola competenza del Tribunale di Brescia.

ORDERS

All orders are placed as reservation and do not bind our Company to delivery, not even partially. Orders will be accepted and despatched only if in an amount exceeding 700 €.

PRICES

Unless otherwise agreed in writing the prices in force at the time of delivery or shipment shall apply.

Prices are meant for goods delivered EX WORKS.

SHIPMENTS

Goods are usually shipped freight collect, unless otherwise agreed.

Goods travel at buyer's risk even if sold free of carriage .

PAYMENTS

Payment conditions are those stated in the invoice and are binding.

Upon the expiration date of agreed deadlines, without any notice, interests on arrears calculated according to the average bank rate applied to the date of expiry shall be counted.

Any draft or payment fees will be at full client's charge.

CLAIMS

No claim will be accepted after 5 days upon goods receipt. Claims shall be submitted in writing and addressed to our headquarters.

RETURNED GOODS

No returned goods will be accepted without our previous authorization. The authorization must be issued in writing and goods are, in any case, returned carriage paid.

SUSPENDED ORDERS AND FORCE MAJEURE

If the buyer does not comply, even partially with our terms of sale, our company can suspend further deliveries.

Our company is exempt from any obligation arising from the sale agreement in case of force majeure.

CHANGES

Our company reserves the right to make, without notice, any changes that are technically necessary at any time and for any reason.

Images included in this catalogue are shown for information purposes only and they do not bind the Company which reserves the right to make changes without prior notification.

COURT OF JURISDICTION

In the event of a dispute, the competent authority is the Court of Brescia.



VALVOSANITARIA BUGATTI GROUP S.r.l.

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Sede legale via Ruca, 96 - 25065 Lumezzane (BS) - Italy | Tel. +39 030 8928511

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