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Valvole e rubinetti a sfera
Ball valves and drain cocks

2021

Italiano - English







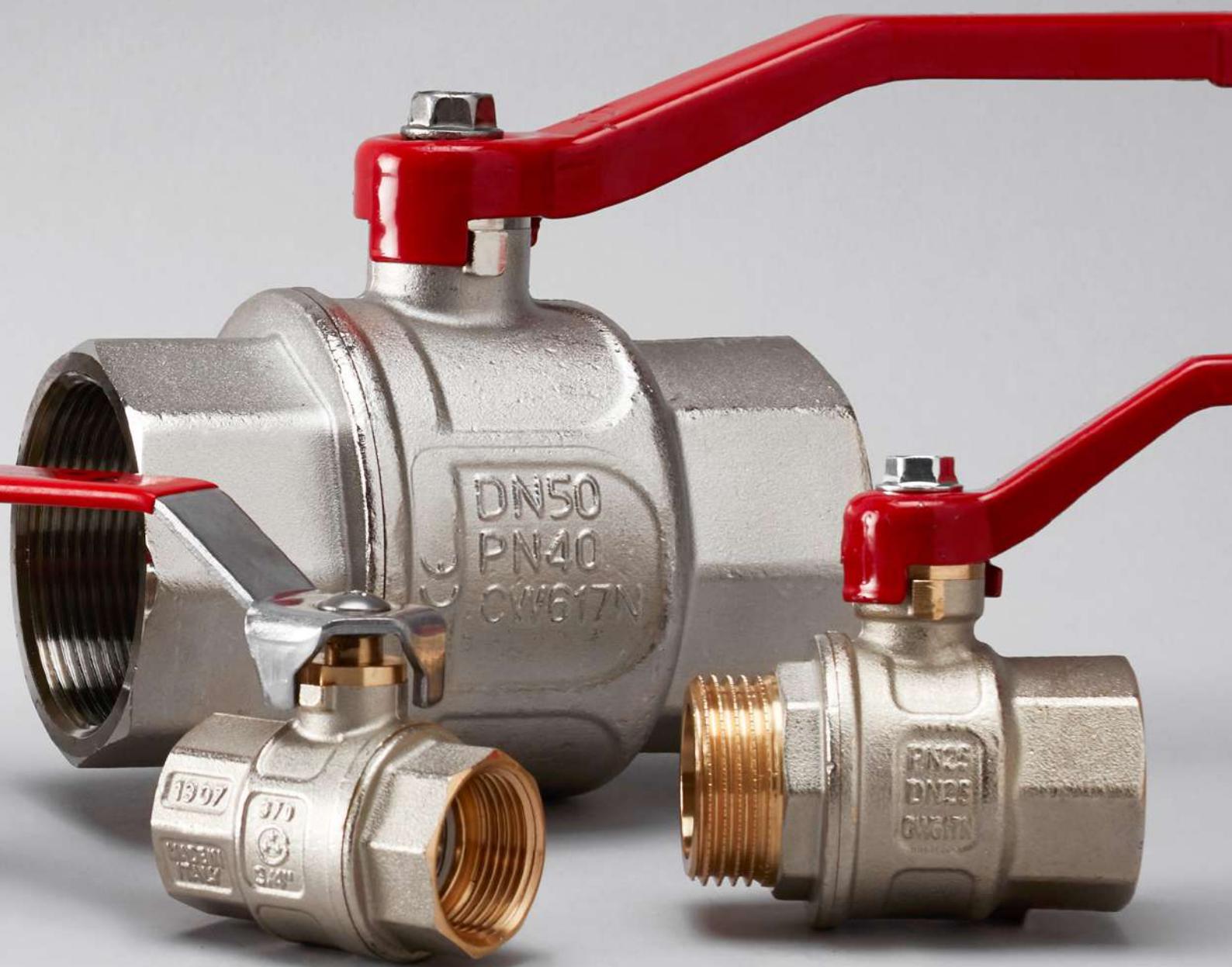
Valvole e rubinetti a sfera

Ball valves and drain cocks

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Il Mondo Ferrero Valvole

Ferrero Valvole Identity



Profilo aziendale

Il marchio Ferrero nasce nel 1962 e da oltre cinquant'anni è sinonimo di qualità ed innovazione nella produzione industriale di valvole a sfera per impiego in ambito civile ed industriale, per gas, acqua sanitaria e altre tipologie di fluidi.

Il 2020 rappresenta l'anno del cambiamento.

La nuova proprietà investe in: unità produttive, logistiche e commerciali nel cuore della provincia di Brescia, per dare al mercato un segnale concreto di un'azienda proiettata al futuro, che ha come obiettivo il rafforzamento della propria leadership come produttore di valvole e rubinetti a sfera a livello internazionale.

La produzione industriale integrata garantisce la completa gestione dell'intera filiera: la selezione delle materie prime, lo stampaggio a caldo, le lavorazioni meccaniche, l'assemblaggio ed il collaudo, al fine di garantire alla clientela una risposta rapida ed efficiente in linea con i più elevati standard tecnici e qualitativi. Particolare attenzione viene dedicata alla gestione delle scorte, una pianificazione puntuale garantisce il livello di stock a magazzino assicurando una soddisfazione immediata delle richieste di consegna da parte dei clienti.

Grazie all'investimento nella ricerca di nuove soluzioni, l'area di progettazione ha esteso ulteriormente la gamma prodotti, sviluppando una proposta ampia che interpreta al meglio le esigenze di un mercato sempre in evoluzione.

Ferrero Valvole dispone oggi di un laboratorio metrologico innovativo, con strumenti di controllo all'avanguardia, gestito da personale esperto e qualificato. Questo, unito ad un attento sviluppo dei processi, permette di monitorare costantemente il prodotto, garantendo i più elevati standard qualitativi nel rispetto dei requisiti dati dalle normative nazionali ed internazionali e degli impegni presi con i clienti.

Vision

Ferrero Valvole vuole consolidare il proprio ruolo nella produzione di valvole a sfera, presentandosi come partner specializzato al servizio dei propri clienti, unendo la tradizione del marchio e l'innovazione continua per lo sviluppo di soluzioni all'avanguardia.

Mission

Offrire una gamma di prodotti ampia e che rispetti i più alti standard qualitativi. Un obiettivo perseguitibile attraverso l'innovazione, la ricerca e l'impegno costante delle proprie risorse, sia umane, che produttive, con lo sguardo rivolto allo sviluppo di tecnologie rinnovabili e fonti sostenibili che rispettino l'ambiente.

Company profile

The Ferrero brand was founded in 1962 and for over fifty years has been synonymous with quality and innovation in the industrial production of ball valves for use in the civil and industrial sphere, for gas, domestic water and other types of fluids.

2020 has been the year of change.

The new ownership invests in: production, logistics and commercial units in the heart of the province of Brescia, to give the market a concrete signal of a company projected toward the future, which aims at strengthening its leadership as a manufacturer of valves and ball stopcocks at the international level.

The integrated industrial production guarantees the complete management of the entire supply chain: from the selection of raw materials to the processes of hot moulding, mechanical processing, assembly and testing, in order to guarantee its customers a quick and efficient response in line with the highest technical and quality standards. Particular attention is devoted to the management of stocks. On-time planning guarantees the level of goods in the warehouse, ensuring the immediate satisfaction of our customers' delivery requests.

Thanks to the investment in research for new solutions, the design area has further expanded the product range, developing a vast proposal that best interprets the needs of an ever-changing market.

Ferrero Valvole currently has an innovative measurement laboratory, with state-of-the-art control tools, managed by expert and qualified personnel. This, combined with a careful development of the processes, allows us to constantly monitor the product, guaranteeing the highest quality standards in compliance with the requirements established by national and international regulations as well as with the commitments we have made with our customers.

Vision

Ferrero Valvole seeks to consolidate its role in the production of ball valves, presenting itself as a specialised partner at the service of its customers, combining the tradition of the brand and continuous innovation for the development of cutting-edge solutions.

Mission

Offering a wide range of products that comply with the highest quality standards. An objective that can be pursued through innovation, research and the constant commitment of its resources, both human and productive, with a view to the development of renewable technologies and sustainable sources that respect the environment.

La gamma prodotti - *Products range*

VALVOLE A SFERA BALL VALVES

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Male/female mini ball valves

PN10

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- 390** Valvole mini sfera femmina/femmina
Female/female mini ball valves

PN10

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- A389** Valvole mini sfera maschio/femmina
Male/female mini ball valves

PN20

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- A390** Valvole mini sfera femmina/femmina
Female/female mini ball valves

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Female/female ball valves

PN5



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PN5



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PN5



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Bocchettoni ridotti con filetto SAE
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M/F reduced extensions

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Dadi nichelati, ogiva e inserti Eurokono - tubo multistrato
Nickel plated nuts, olive and Eurokonus inserts - Multilayer pipe

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Dadi nichelati, ogiva e inserti Eurokono KIT 2 pz. - tubo PE-X
Nickel plated nuts, olive and Eurokonus inserts KIT 2 pcs. - PE-X pipe

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Riduzioni MF
M/F reduced extensions

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Caps with PCV chain and rubber gasket

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Caps with square, PCV chain and rubber gasket

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Codoli maschio
Male flat nipples

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Dadi + codoli maschio
Nuts + male flat nipples

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Dadi + codoli + guarnizioni per contatori
Nuts + tail + flat gasket for counters

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Dadi + bocchettoni femmina per pompe
Nuts + flat female nipples for pumps

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Raccordi diritti femmina/femmina
Female/female straight fittings

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Raccordi diritti maschio/femmina
Male/female straight fittings

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Raccordi angolo M/F
M/F elbow fittings

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Tipologie di maniglie disponibili

Handles available types



Leva standard in acciaio imbutita

Standard drawn steel lever

Protetta contro la corrosione con doppio trattamento: zincata e verniciata a caldo con polvere epossidica ricotta al forno.

* N.B. Leva in colore giallo disponibile solo per valvole a sfera gas.

Drawn steel lever, protected against corrosion with double treatment: zinc-plated and epoxy-powder coated and oven annealed.

* N.B. Yellow lever available only for gas ball valves.



Manopola in alluminio

Aluminum knob

Manopola in alluminio, verniciata a caldo con polvere epossidica ricotta al forno.

* N.B. Leva in colore giallo disponibile solo per valvole a sfera gas.

Knob in aluminum, hot painted with epoxy powder.

* N.B. Yellow lever available only for gas ball valves.



Leva piatta in acciaio

Steel flat lever

Leva piatta in acciaio, trattata contro la corrosione con trattamento DA-CROMET, con impugnatura plastificata.

Steel flat lever "DACPOMET" treated and with a plastic coated handle.



Leva piatta in acciaio inox AISI 430

AISI 430 stainless steel flat handle

Leva piatta in acciaio AISI 430 con impugnatura plastificata.

AISI 430 stainless steel flat lever with a plastic coated handle.



Leva standard in acciaio imbutita con prolunga

Standard drawn steel lever with extension stem

Prolunga fissa composta da: prolunga, asta interna e vite di fissaggio. Questo tipo di prolunga permette di fissare l'isolante direttamente sulla prolunga senza problemi.

Fixed extension stem, consisting of an external extension, internal brass stem and fixing screw. Only the internal part rotates and this enables the sealant to be fixed directly to the external side.



Manopola in alluminio con prolunga

Aluminum knob with extension stem

Prolunga fissa composta da: prolunga, asta interna e vite di fissaggio. Questo tipo di prolunga permette di fissare l'isolante direttamente sulla prolunga senza problemi.

Fixed extension stem, consisting of an external extension, internal brass stem and fixing screw. Only the internal part rotates and this enables the sealant to be fixed directly to the external side.



Leva in alluminio

Drawn steel lever

Leva in alluminio verniciata con polvere epossidica e ricotta al forno.

Aluminium lever epoxy-coated and oven annealed.

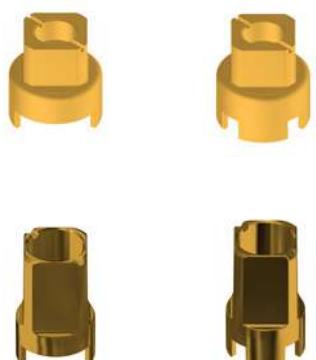


Farfalla in ottone

Brass butterfly handle

Possibilità di bloccaggio fisso della valvola, in apertura o chiusura solamente nella versione con le tre alette. Disponibile in ottone giallo o nichelato, su richiesta.

Possibility to fixed locking valve in opening or closing only in the version with three wings. Available in yellow or nickel-plated brass, on request.



Quadro in ottone

Lockable square head

Quadro in ottone con tacche di indicazione del senso del flusso, possibilità di bloccaggio fisso della valvola in apertura o chiusura solamente nella versione con le tre alette. Su richiesta disponibile in ottone giallo o nichelato.

Brass panel with notches indicating the flow direction, possibility to fixed locking valve in opening or closing only in the version with the three wings. On request available in yellow or nickel-plated brass.





VALVOLE A SFERA *BALL VALVES*



370

Valvole a sfera femmina/femmina

Female/female ball valves

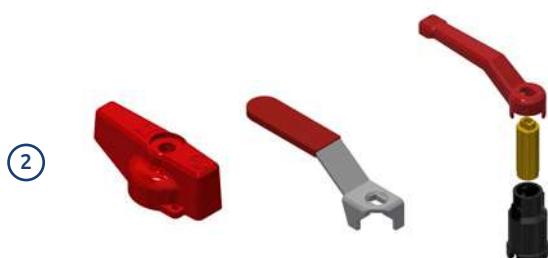
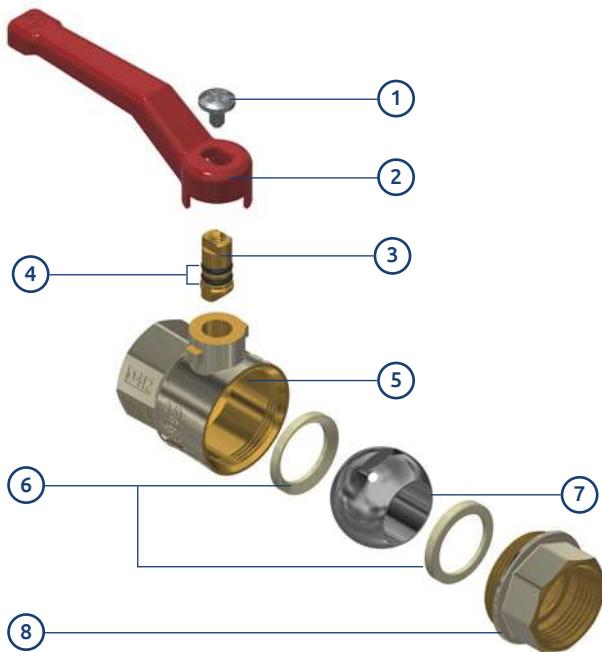
PN25

MADE IN ITALY

- Valvole a sfera in ottone, nichelate sulla superficie esterna.
 - Per impianti idro-termosanitari (adatte al consumo di acqua potabile secondo le recenti normative Europee).
 - Installazione in impianti di riscaldamento industriale, civile, impianti pneumatici, per fluidi non aggressivi.
 - Installazione in impianti di media pressione di distribuzione acqua.
- Brass ball valves, nickel-plated on the external surface.
- For hydro-thermo-sanitary systems (domestic water consumption according to recent European regulations).
- Installation in industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- Installation in medium pressure water distribution systems.

- Pressione di esercizio: 25 bar.
- Temperatura di esercizio: -20°C + 130°C.
- Filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta: asta assemblata dall'interno con 2 OR in EPDM Perox.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: 25 bar.
- Working temperature: -20°C + 130°C.
- Cylindrical threads according to ISO 228-1.
- Seal on stem: stem assembled from inside with 2 OR in EPDM Perox.
- Seal on the ball with 2 gaskets in PTFE.

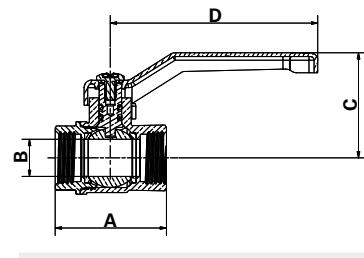


1. Vite in acciaio AISI 430.
2. Leva in acciaio, oppure:
 - manopola in alluminio;
 - leva piatta in acciaio, o in acciaio inox AISI 430;
 - leva in acciaio con prolunga in ottone e canotto in plastica PA6 caricata 50% fibra di vetro o CW617N UNI EN 12165 nichelato a seconda dei modelli.
3. Asta in CW614N UNI EN 12164.
4. O-ring in EPDM PEROX.
5. Corpo valvola CW617N UNI EN 12165 nichelato sulla superficie esterna.
6. Sede in PTFE.
7. Sfera in CW617N UNI EN 12165 cromata.
8. Manicotto CW617N UNI EN 12165 nichelato sulla superficie esterna.

1. Steel AISI 430 screw.
2. Lever handle steel or:
 - aluminum knob;
 - steel or INOX AISI 430 flat lever;
 - depending on the models, steel lever with extension stem in brass and external extension in plastic PA6 50% fiberglass loaded or in CW617N UNI EN 12165 nickel-plated.
3. CW614N UNI EN 12164 stem.
4. EPDM Perox o-ring.
5. CW617N UNI EN 12165 body valve, nickel-plated on the external surface.
6. PTFE gasket.
7. CW617N UNI EN 12165 chrome-plated ball.
8. CW617N UNI EN 12165 end adaptor, nickel-plated on the external surface.



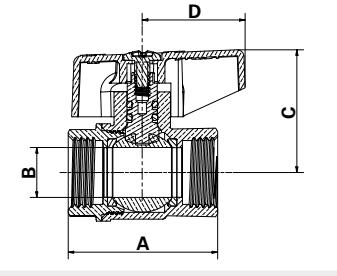
Con leva in acciaio imbutita
With drawn steel lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
3/8"	370C3/8G1R	370C3/8G1B	25	37,5	11	40	83
1/2"	370D1/2G1R	370D1/2G1B	25	44,5	15	42	83
3/4"	370E3/4G1R	370E3/4G1B	25	53	20	46,5	83
1"	370F001G1R	370F001G1B	25	66	25	66,5	90
1 1/4"	370G11/4G1R	370G11/4G1B	25	75	32	72	90
1 1/2"	370H11/2G1R	370H11/2G1B	25	84	40	78	90
2"	370I002G1R	370I002G1B	25	93	45	87	160



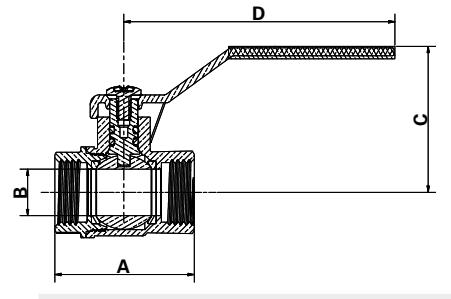
Con manopola in alluminio
With aluminum knob



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
3/8"	370C3/8G2R	370C3/8G2B	25	37,5	11	34	31,5
1/2"	370D1/2G2R	370D1/2G2B	25	44,5	15	37	31,5
3/4"	370E3/4G2R	370E3/4G2B	25	53	20	39	31,5
1"	370F001G2R	370F001G2B	25	66	25	54	42,5
1 1/4"	370G11/4G2R	370G11/4G2B	25	75	32	59	42,5



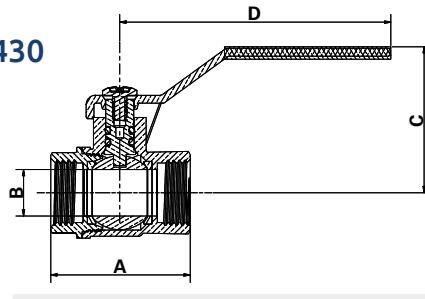
Con leva piatta in acciaio
With steel flat lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
3/8"	370C3/8G3R	25	37,5	11	44	86,5	12/144
1/2"	370D1/2G3R	25	44,5	15	46,5	86,5	12/144
3/4"	370E3/4G3R	25	53	20	50	86,5	8/96
1"	370F001G3R	25	66	25	64,5	114	3/36
1 1/4"	370G11/4G3R	25	75	32	70	114	15
1 1/2"	370H11/2G3R	25	84	40	76	114	10
2"	370I002G3R	25	93	45	84	132	8



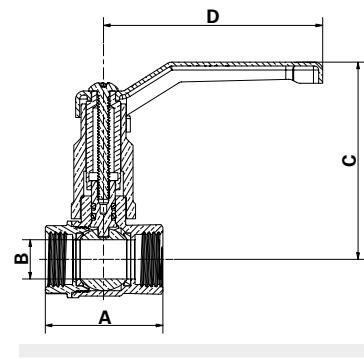
Con leva piatta in acciaio INOX AISI 430
With INOX AISI 430 steel flat lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
3/8"	370C3/8G4R	25	37,5	11	44	86,5	12/144
1/2"	370D1/2G4R	25	44,5	15	46,5	86,5	12/144
3/4"	370E3/4G4R	25	53	20	50	86,5	8/96
1"	370F001G4R	25	66	25	64,5	114	3/36
1 1/4"	370G11/4G4R	25	75	32	70	114	15
1 1/2"	370H11/2G4R	25	84	40	76	114	10
2"	370I002G4R	25	93	45	84	132	8



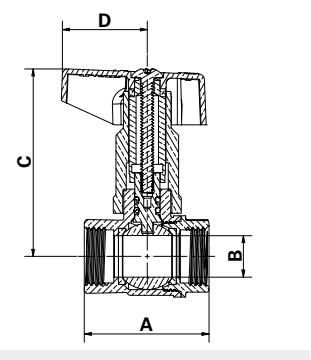
Con prolunga e leva in acciaio
With extension stem and steel lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/2"	370D1/2G1RF	370D1/2G1BF	25	44,5	15	75	83
3/4"	370E3/4G1RF	370E3/4G1BF	25	53	20	78	83
1"	370F001G1RF	370F001G1BF	25	66	25	104	90
1 1/4"	370G11/4G1RF	370G11/4G1BF	25	75	32	109,5	90
1 1/2"	370H11/2G1RF	370H11/2G1BF	25	84	40	116	90
2"	370I002G1RF	370I002G1BF	25	93	45	137	160
							10



Con prolunga e manopola in alluminio
With extension stem and aluminum knob



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/2"	370D1/2G2RF	370D1/2G2BF	25	44,5	15	69	31,5
3/4"	370E3/4G2RF	370E3/4G2BF	25	53	20	71	31,5
1"	370F001G2RF	370F001G2BF	25	66	25	76,5	42,5
1 1/4"	370G11/4G2RF	370G11/4G2BF	25	75	32	101,5	42,5
							20



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Valvole a sfera maschio/femmina

Male/female ball valves

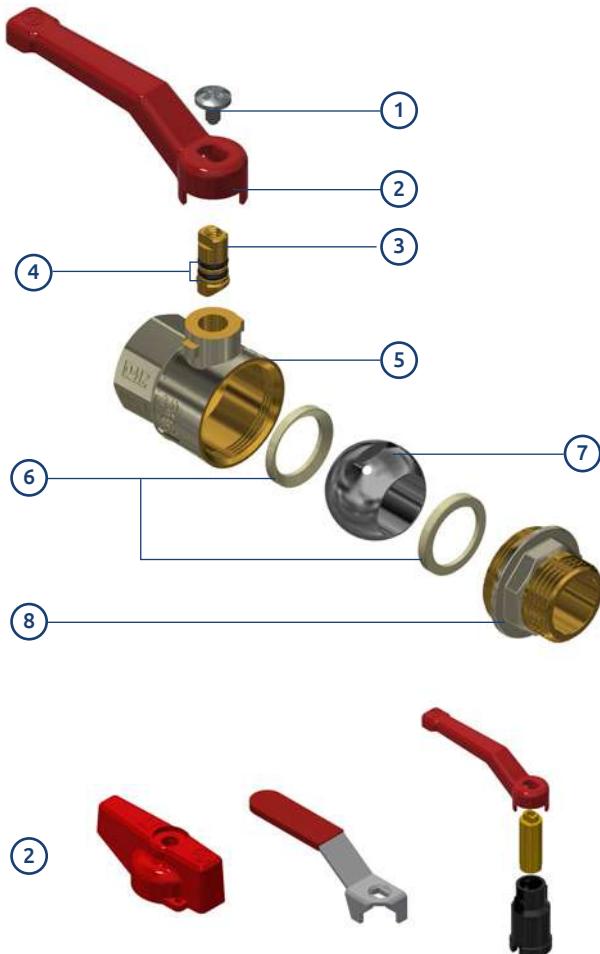
PN25

MADE IN ITALY

- Valvole a sfera in ottone, nichelate sulla superficie esterna.
- Per impianti idro-termosanitari (adatte al consumo di acqua potabile secondo le recenti normative Europee).
- Installazione in impianti di riscaldamento industriale, civile, impianti pneumatici, per fluidi non aggressivi.
- Installazione in impianti di media pressione di distribuzione acqua.
- Brass ball valves, nickel-plated on the external surface.
- For hydro-thermo-sanitary systems (domestic water consumption according to recent European regulations).
- Installation in industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- Installation in medium pressure water distribution systems.

- Pressione di esercizio: 25 bar.
- Temperatura di esercizio: -20°C + 130°C.
- Filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta: asta assemblata dall'interno con 2 OR in EPDM Perox.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: 25 bar.
- Working temperature: -20°C + 130°C.
- Cylindrical threads according to ISO 228-1.
- Seal on stem: stem assembled from inside with 2 OR in EPDM Perox.
- Seal on the ball with 2 gaskets in PTFE.

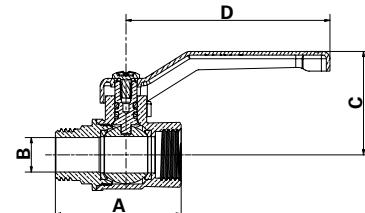


1. Vite in acciaio AISI 430.
2. Leva in acciaio, oppure:
 - manopola in alluminio;
 - leva piatta in acciaio, o in acciaio inox AISI 430;
 - leva in acciaio con prolunga in ottone e canotto in plastica PA6 caricata 50% fibra di vetro o CW617N UNI EN 12165 nichelato a seconda dei modelli.
3. Asta in CW614N UNI EN 12164.
4. O-ring in EPDM PEROX.
5. Corpo valvola CW617N UNI EN 12165 nichelato sulla superficie esterna.
6. Sede in PTFE.
7. Sfera in CW617N UNI EN 12165 cromata.
8. Manicotto CW617N UNI EN 12165 nichelato sulla superficie esterna.

1. Steel AISI 430 screw.
2. Lever handle steel or:
 - aluminum knob;
 - steel or INOX AISI 430 flat lever;
 - depending on the models, steel lever with extension stem in brass and external extension in plastic PA6 50% fiberglass loaded or in CW617N UNI EN 12165 nickel-plated.
3. CW614N UNI EN 12164 stem.
4. EPDM Perox O-ring.
5. CW617N UNI EN 12165 body valve, nickel-plated on the external surface.
6. PTFE gasket.
7. CW617N UNI EN 12165 chrome-plated ball.
8. CW617N UNI EN 12165 end adaptor, nickel-plated on the external surface.



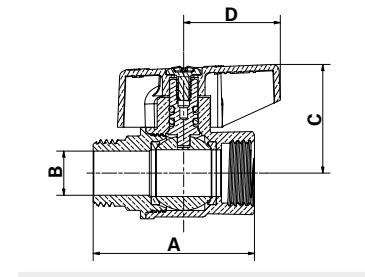
Con leva in acciaio imbutita
With drawn steel lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
							
3/8"	372C3/8G1R	372C3/8G1B	25	48	11	40	83
1/2"	372D1/2G1R	372D1/2G1B	25	51	15	42	83
3/4"	372E3/4G1R	372E3/4G1B	25	56,5	20	46,5	83
1"	372F001G1R	372F001G1B	25	68,5	25	66,5	90
1 1/4"	372G11/4G1R	372G11/4G1B	25	77,5	32	71	90
1 1/2"	372H11/2G1R	372H11/2G1B	25	86,5	40	78	90
2"	372I002G1R	372I002G1B	25	103	45	87	160
							10



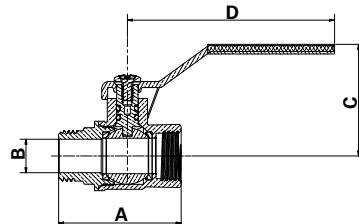
Con manopola in alluminio
With aluminum knob



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
							
3/8"	372C3/8G2R	372C3/8G2B	25	48	11	34	31,5
1/2"	372D1/2G2R	372D1/2G2B	25	51	15	37	31,5
3/4"	372E3/4G2R	372E3/4G2B	25	56,5	20	39	31,5
1"	372F001G2R	372F001G2B	25	68,5	25	54	42,5
1 1/4"	372G11/4G2R	372G11/4G2B	25	77,5	32	59	42,5
							20



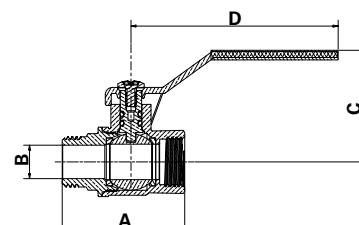
Con leva piatta in acciaio
With steel flat lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
3/8"	372C3/8G3R	25	48	11	44	86,5	12/144
1/2"	372D1/2G3R	25	51	15	46,5	86,5	12/144
3/4"	372E3/4G3R	25	56,5	20	50	86,5	8/96
1"	372F001G3R	25	68,5	25	64,5	114	3/36
1 1/4"	372G11/4G3R	25	77,5	32	70	114	15
1 1/2"	372H11/2G3R	25	86,5	40	76	114	10
2"	372I002G3R	25	103	45	84	132	8



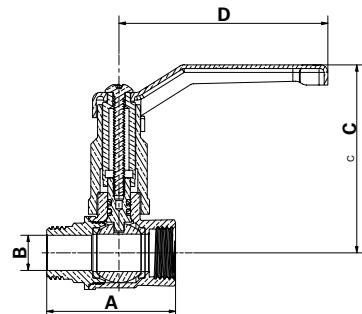
Con leva piatta in acciaio INOX AISI 430
With INOX AISI 430 steel flat lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
3/8"	372C3/8G4R	25	48	11	44	86,5	12/144
1/2"	372D1/2G4R	25	51	15	46,5	86,5	12/144
3/4"	372E3/4G4R	25	56,5	20	50	86,5	8/96
1"	372F001G4R	25	68,5	25	64,5	114	3/36
1 1/4"	372G11/4G4R	25	77,5	32	70	114	15
1 1/2"	372H11/2G4R	25	86,5	40	76	114	10
2"	372I002G4R	25	103	45	84	132	8



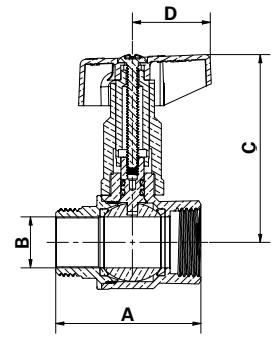
Con prolunga e leva in acciaio imbutita
With extension stem and steel lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/2"	372D1/2G1RF	372D1/2G1BF	25	51	15	75	83
3/4"	372E3/4G1RF	372E3/4G1BF	25	56,5	20	78	83
1"	372F001G1RF	372F001G1BF	25	68,5	25	104	90
1 1/4"	372G11/4G1RF	372G11/4G1BF	25	77,5	32	109,5	90
1 1/2"	372H11/2G1RF	372H11/2G1BF	25	86,5	40	116	90
2"	372I002G1RF	372I002G1BF	25	103	45	137	160
							10



Con prolunga e manopola in alluminio
With extension stem and aluminum knob



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/2"	372D1/2G2RF	372D1/2G2BF	25	51	15	69	31,5
3/4"	372E3/4G2RF	372E3/4G2BF	25	56,5	20	71	31,5
1"	372F001G2RF	372F001G2BF	25	68,5	25	76,5	42,5
1 1/4"	372G11/4G2RF	372G11/4G2BF	25	77,5	32	101,5	42,5
							20

374

Valvole a sfera maschio/maschio

Male/male ball valves

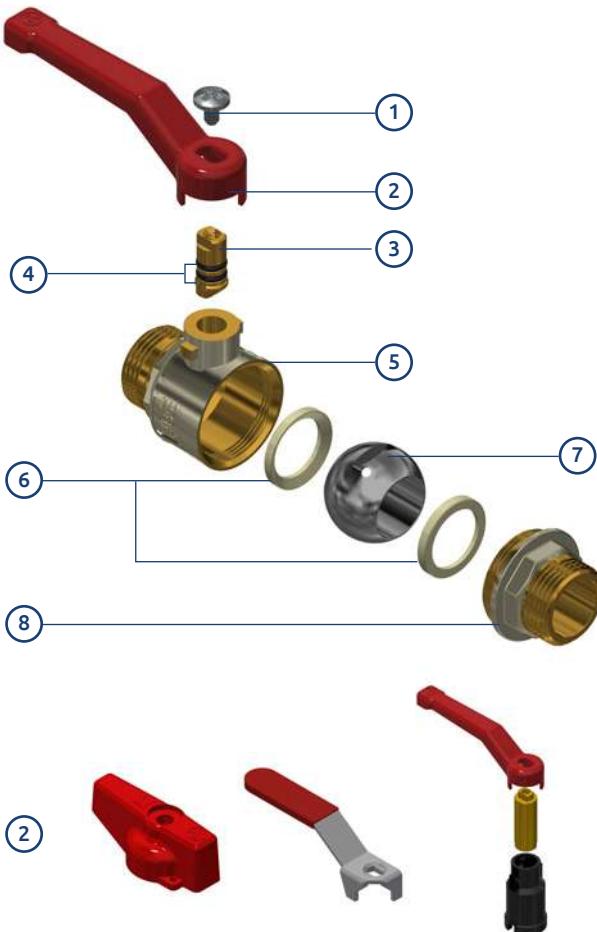
PN25

MADE IN ITALY

- Valvole a sfera in ottone, nichelate sulla superficie esterna.
- Per impianti idro-termosanitari (adatte al consumo di acqua potabile secondo le recenti normative Europee).
- Installazione in impianti di riscaldamento industriale, civile, impianti pneumatici, per fluidi non aggressivi.
- Installazione in impianti di media pressione di distribuzione acqua.
- Brass ball valves, nickel-plated on the external surface.
- For hydro-thermo-sanitary systems (domestic water consumption according to recent European regulations).
- Installation in industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- Installation in medium pressure water distribution systems.

- Pressione di esercizio: 25 bar.
- Temperatura di esercizio: -20°C + 130°C.
- Filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta: asta assemblata dall'interno con 2 OR in EPDM Perox.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: 25 bar.
- Working temperature: -20°C + 130°C.
- Cylindrical threads according to ISO 228-1.
- Seal on stem: stem assembled from inside with 2 OR in EPDM Perox.
- Seal on the ball with 2 gaskets in PTFE.

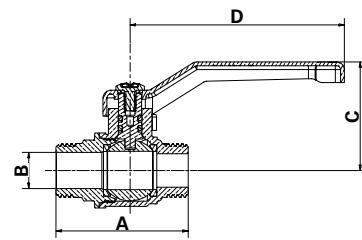


1. Vite in acciaio AISI 430.
2. Leva in acciaio, oppure:
 - manopola in alluminio;
 - leva piatta in acciaio, o in acciaio inox AISI 430;
 - leva in acciaio con prolunga in ottone e canotto in plastica PA6 caricata 50% fibra di vetro o CW617N UNI EN 12165 nichelato a seconda dei modelli.
3. Asta in CW614N UNI EN 12164.
4. O-ring in EPDM PEROX.
5. Corpo valvola CW617N UNI EN 12165 nichelato sulla superficie esterna.
6. Sede in PTFE.
7. Sfera CW617N UNI EN 12165 cromata.
8. Manicotto CW617N UNI EN 12165 nichelato sulla superficie esterna.

1. Steel AISI 430 screw.
2. Lever handle steel or:
 - aluminum knob;
 - steel or INOX AISI 430 flat lever;
 - depending on the models, steel lever with extension stem in brass and external extension in plastic PA6 50% fiberglass loaded or in CW617N UNI EN 12165 nickel-plated.
3. CW614N UNI EN 12164 stem.
4. EPDM Perox O-ring.
5. CW617N UNI EN 12165 body valve, nickel-plated on the external surface.
6. PTFE gasket
7. CW617N UNI EN 12165 chrome-plated ball.
8. CW617N UNI EN 12165 end adaptor, nickel-plated on the external surface.



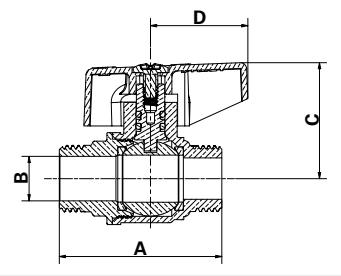
Con leva in acciaio imbutita
With drawn steel lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>	
1/2"	374D1/2G1R	374D1/2G1B	25	51	15	42	83	12/144
3/4"	374E3/4G1R	374E3/4G1B	25	57	20	46,5	83	8/96
1"	374F001G1R	374F001G1B	25	68,5	25	66,5	90	4/48



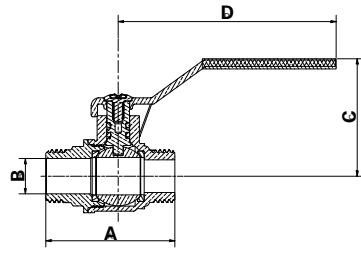
Con manopola in alluminio
With aluminum knob



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>	
1/2"	374D1/2G2R	374D1/2G2B	25	51	15	37	31,5	12/144
3/4"	374E3/4G2R	374E3/4G2B	25	57	20	39	31,5	10/120
1"	374F001G2R	374F001G2B	25	68,5	25	54	42,5	4/48



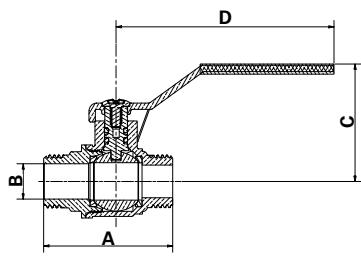
Con leva piatta in acciaio
With steel flat lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/2"	374D1/2G3R	25	51	15	46,5	86,5	12/144
3/4"	374E3/4G3R	25	57	20	50	86,5	8/96
1"	374F001G3R	25	68,5	25	64,5	114	3/36



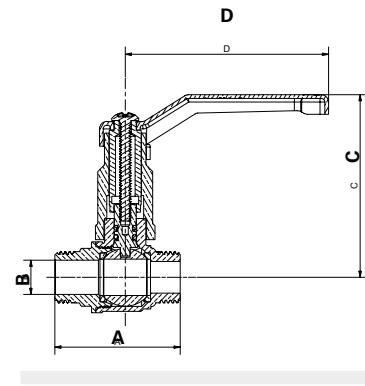
Con leva piatta in acciaio INOX AISI 430
With INOX AISI 430 steel flat lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/2"	374D1/2G4R	25	51	15	46,5	86,5	12/144
3/4"	374E3/4G4R	25	57	20	50	86,5	8/96
1"	374F001G4R	25	68,5	25	64,5	114	3/36



Con prolunga e leva in acciaio imbutita
With extension stem and steel lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/2"	374D1/2G1RF	374D1/2G1BF	25	51	15	75	83
3/4"	374E3/4G1RF	374E3/4G1BF	25	57	20	78	83
1"	374F001G1RF	374F001G1BF	25	68,5	25	104	90
							30



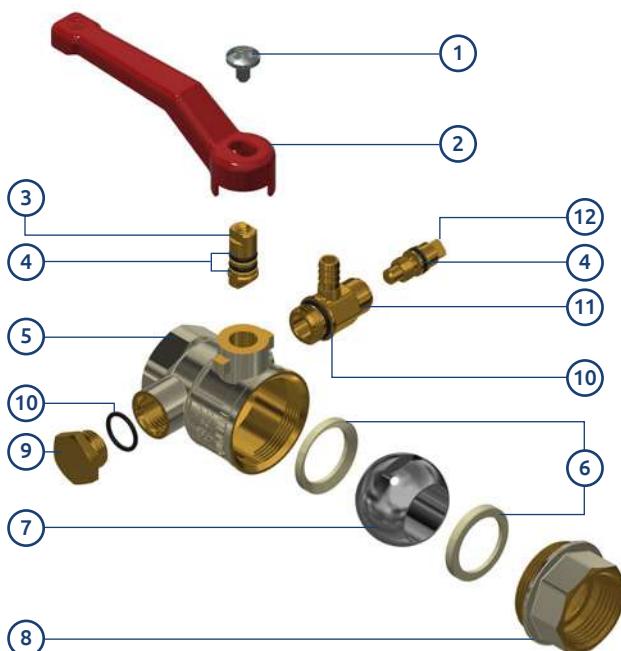
376

Valvole a sfera femmina/femmina**con rubinetto di scarico***Female/female ball valves with drain cock***PN25**

- Valvole a sfera in ottone, nichelate sulla superficie esterna.
- Per impianti idro-termosanitari (adatte al consumo di acqua potabile secondo le recenti normative Europee).
- Installazione in impianti di riscaldamento industriale, civile, impianti pneumatici, per fluidi non aggressivi.
- Installazione in impianti di media pressione di distribuzione acqua.
- Brass ball valves, nickel-plated on the external surface.
- For hydro-thermo-sanitary systems (domestic water consumption according to recent European regulations).
- Installation in industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- Installation in medium pressure water distribution systems.

- Pressione di esercizio: 25 bar.
- Temperatura di esercizio: -20°C + 130°C.
- Filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta: asta assemblata dall'interno con 2 OR in EPDM Perox.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: 25 bar.
- Working temperature: -20°C + 130°C.
- Cylindrical threads according to ISO 228-1.
- Seal on stem: stem assembled from inside with 2 OR in EPDM Perox.
- Seal on the ball with 2 gaskets in PTFE.

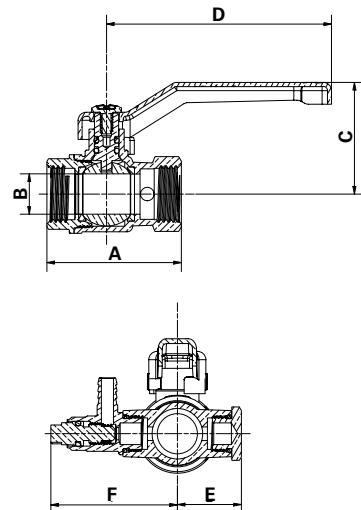


1. Vite in acciaio AISI 430.
2. Leva in acciaio.
3. Asta in CW614N UNI EN 12164.
4. O-ring in EPDM PEROX.
5. Corpo valvola con sfiato CW617N UNI EN 12165 nichelato sulla superficie esterna.
6. Sede in PTFE.
7. Sfera in CW617N UNI EN 12165 cromata.
8. Manicotto CW617N UNI EN 12165 nichelato sulla superficie esterna.
9. Tappo in CW617N UNI EN 12165.
10. O-ring in EPDM PEROX.
11. Valvola a sfiato in CW617N UNI EN 12165.
12. Asta in CW617N UNI EN 12165.

1. Steel AISI 430 screw.
2. Lever handle steel.
3. CW614N UNI EN 12164 stem.
4. EPDM Perox O-ring.
5. CW617N UNI EN 12165 body valve with drain cock, nickel-plated on the external surface.
6. PTFE gasket.
7. CW617N UNI EN 12165 chrome-plated ball,
8. CW617N UNI EN 12165 end adaptor, nickel-plated on the external surface.
9. CW617N UNI EN 12165 male cap.
10. EPDM Perox O-ring.
11. CW617N UNI EN 12165 drain cock.
12. CW614N UNI EN 12164 stem.



Con leva in acciaio imbutita
With drawn steel lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	E mm	F mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/2"	376D1/2G1R	376D1/2G1B	25	49,5	15	42,5	83	23,5	45,5
3/4"	376E3/4G1R	376E3/4G1B	25	58	20	46	83	27,5	49
1"	376F001G1R	376F001G1B	25	70	25	67	90	31	53
1 1/4"	376G11/4G1R	376G11/4G1B	25	78	32	72,5	90	34,5	56,5
1 1/2"	376H11/2G1R	376H11/2G1B	25	90,5	40	78,5	90	40	61,5
2"	376I002G1R	376I002G1B	25	104,5	45	84,5	160	46	67,5



377

Valvole a sfera femmina/femmina con predisposizione per rubinetto di scarico

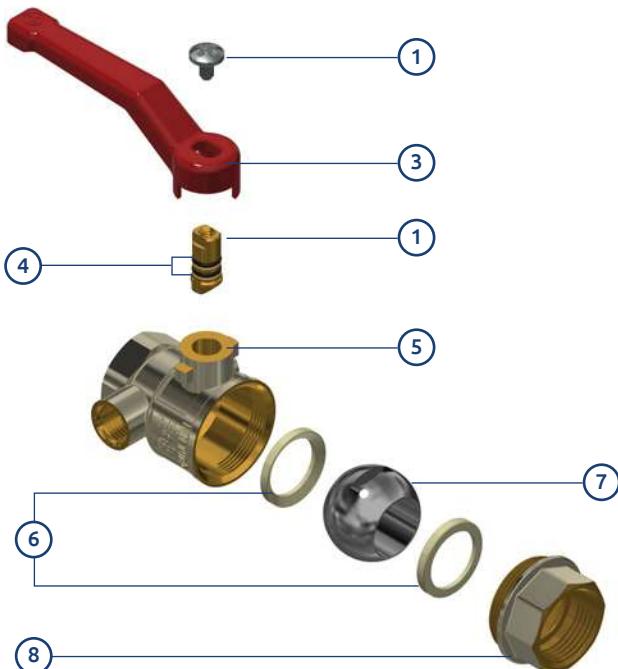
*Female/female ball valves with predisposition
for drain cock*

PN25

- Valvole a sfera in ottone, nichelate sulla superficie esterna.
- Per impianti idro-termosanitari (adatte al consumo di acqua potabile secondo le recenti normative Europee).
- Installazione in impianti di riscaldamento industriale, civile, impianti pneumatici, per fluidi non aggressivi.
- Installazione in impianti di media pressione di distribuzione acqua.
- Brass ball valves, nickel-plated on the external surface.
- For hydro-thermo-sanitary systems (domestic water consumption according to recent European regulations).
- Installation in industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- Installation in medium pressure water distribution systems.

- Pressione di esercizio: 25 bar.
- Temperatura di esercizio: -20°C + 130°C.
- Filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta: asta assemblata dall'interno con 2 OR in EPDM Perox.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: 25 bar.
- Working temperature: -20°C + 130°C.
- Cylindrical threads according to ISO 228-1.
- Seal on stem: stem assembled from inside with 2 OR in EPDM Perox.
- Seal on the ball with 2 gaskets in PTFE.

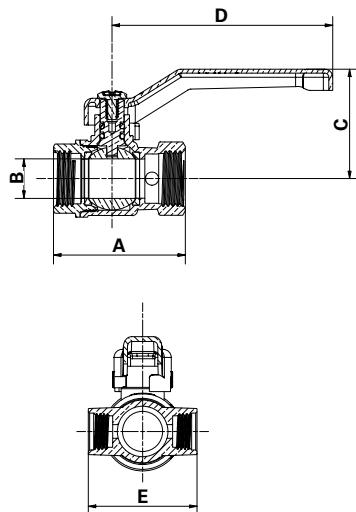


1. Vite in acciaio AISI 430.
2. Leva in acciaio.
3. Asta in CW614N UNI EN 12164.
4. O-ring in EPDM PEROX.
5. Corpo valvola con sfiato CW617N UNI EN 12165 nichelato sulla superficie esterna.
6. Sede in PTFE.
7. Sfera in CW617N UNI EN 12165 cromata.
8. Manicotto CW617N UNI EN 12165 nichelato sulla superficie esterna.

1. Steel AISI 430 screw.
2. Lever handle steel.
3. CW614N UNI EN 12164 stem.
4. EPDM Perox O-ring.
5. CW617N UNI EN 12165 body valve with drain cock, nickel-plated on the external surface.
6. PTFE gasket.
7. CW617N UNI EN 12165 chrome-plated ball.
8. CW617N UNI EN 12165 end adaptor, nickel-plated on the external surface.



Con leva in acciaio imbutita
With drawn steel lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	E mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/2"	377D1/2G1R	377D1/2G1B	25	49,5	15	42,5	83	40
3/4"	377E3/4G1R	377E3/4G1B	25	58	20	46	83	48
1"	377F001G1R	377F001G1B	25	70	25	67	90	55
1 1/4"	377G11/4G1R	377G11/4G1B	25	78	32	72,5	90	62
1 1/2"	377H11/2G1R	377H11/2G1B	25	90,5	40	78,5	90	72,5
2"	377I002G1R	377I002G1B	25	104,5	45	84,5	160	85



300

PN25

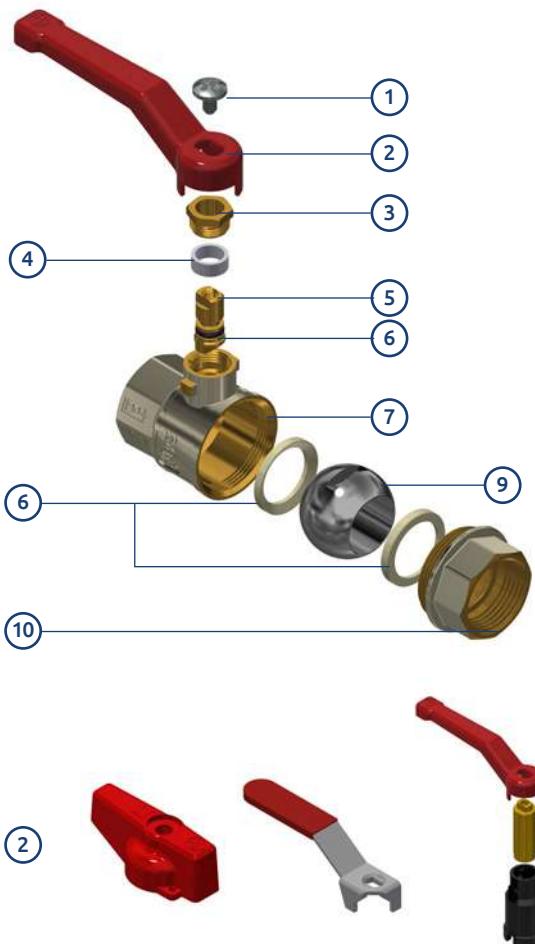
Valvole a sfera femmina/femmina con premi-stoppa in PTFE e O-ring

Female/female ball valves with PTFE packing gland and O-ring

- Valvole a sfera in ottone, nichelate sulla superficie esterna.
- Per impianti idro-termosanitari (adatte al consumo di acqua potabile secondo le recenti normative Europee).
- Installazione in impianti di riscaldamento industriale, civile, impianti pneumatici, per fluidi non aggressivi.
- Installazione in impianti di media pressione di distribuzione acqua.
- Brass ball valves, nickel-plated on the external surface.
- For hydro-thermo-sanitary systems (domestic water consumption according to recent European regulations).
- Installation in industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- Installation in medium pressure water distribution systems.

- Pressione di esercizio: 25 bar.
- Temperatura di esercizio: -20°C + 130°C.
- Filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta:
 - 1/2", 2", 2 1/2" asta assemblata dall'interno con premistoppa in PTFE e 1 OR in EPDM Perox;
 - 3/8", 3" asta assemblata dall'esterno con premistoppa in PTFE.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: 25 bar.
- Working temperature: -20°C + 130°C.
- Cylindrical threads according to ISO 228-1.
- Seal on stem:
 - 1/2", 2", 2 1/2" stem assembled from inside with PTFE gasket and 1 OR in EPDM Perox;
 - 3/8", 3" stem assembled from outside with PTFE gasket.
- Seal on the ball with 2 gaskets in PTFE.

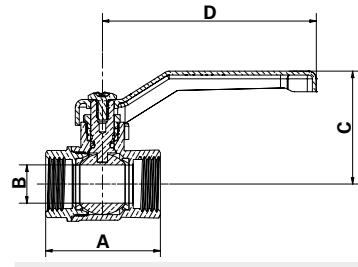


1. Vite in acciaio AISI 430.
2. Leva in acciaio, oppure:
 - manopola in alluminio;
 - leva piatta in acciaio, o in acciaio inox AISI 430;
 - leva in acciaio con prolunga in ottone e canotto in plastica PA6 caricata 50% fibra di vetro o CW617N UNI EN 12165 nichelato a seconda dei modelli.
3. Ghiera in CW614N EN12165.
4. Anello premistoppa PTFE.
5. Asta in CW614N EN12165.
6. O-ring in EPDM PEROX.
7. Valvola CW617N EN12165 nichelato sulla superficie esterna.
8. Sede in PTFE.
9. Sfera in CW617N cromato.
10. Manicotto in CW617N EN12165 nichelato sulla superficie esterna.

1. Steel AISI 430 screw.
2. Lever handle steel or:
 - aluminum knob;
 - steel or INOX AISI 430 flat lever;
 - depending on the models, steel lever with extension stem in brass and external extension in plastic PA6 50% fiberglass loaded or in CW617N UNI EN 12165 nickel-plated.
3. CW614N UNI EN 12164 packing gland.
4. PTFE ring seal.
5. CW614N UNI EN 12164 stem.
6. EPDM PEROX O-ring.
7. CW617N UNI EN 12165 body valve, nickel-plated on the external surface.
8. PTFE gasket.
9. CW617N UNI EN 12165 chrome-plated ball.
10. CW617N UNI EN 12165 end adaptor, nickel-plated on the external surface.



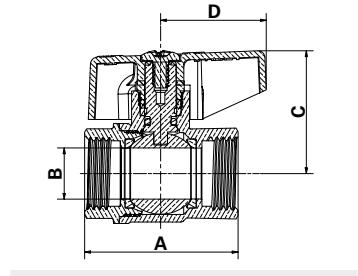
Con leva in acciaio imbutita
With drawn steel lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
3/8"	300C3/8G1R	300C3/8G1B	25	37,5	11	44	83
1/2"	300D1/2G1R	300D1/2G1B	25	44,5	15	45	83
3/4"	300E3/4G1R	300E3/4G1B	25	53	20	48	83
1"	300F001G1R	300F001G1B	25	66	25	68	90
1 1/4"	300G11/4G1R	300G11/4G1B	25	75	32	73	90
1 1/2"	300H11/2G1R	300H11/2G1B	25	84	40	78	90
2"	300I002G1R	300I002G1B	25	108	50	90	160
2 1/2"	300L21/2G1R	300L21/2G1B	25	117	58	97,5	160
3"	300M003G1R		25	135	68	143	240
							2



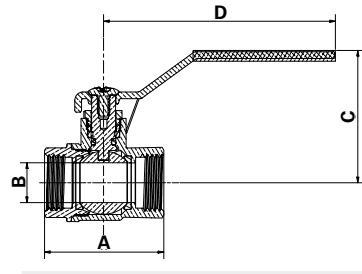
Con manopola in alluminio
With aluminum knob



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
3/8"	300C3/8G2R	300C3/8G2B	25	37,5	11	36	31,5
1/2"	300D1/2G2R	300D1/2G2B	25	44,5	15	39	31,5
3/4"	300E3/4G2R	300E3/4G2B	25	53	20	41	31,5
1"	300F001G2R	300F001G2B	25	66	25	54	42,5
1 1/4"	300G11/4G2R	300G11/4G2B	25	75	32	59	42,5
							15



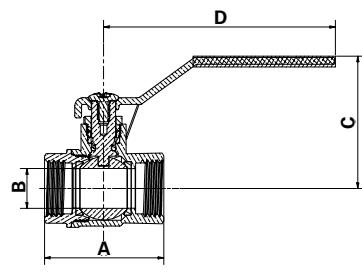
Con leva piatta in acciaio
With steel flat lever



Attacchi Connections	Codice prodotto Product code	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi Pack. num. pieces
3/8"	300C3/8G3R	25	37,5	11	48	86,5	12/144
1/2"	300D1/2G3R	25	44,5	15	50	86,5	12/144
3/4"	300E3/4G3R	25	53	20	53,5	86,5	8/96
1"	300F001G3R	25	66	25	65,5	114	3/36
1 1/4"	300G11/4G3R	25	75	32	70,5	114	15
1 1/2"	300H11/2G3R	25	84	40	83	114	10
2"	300I002G3R	25	108	50	92	132	7



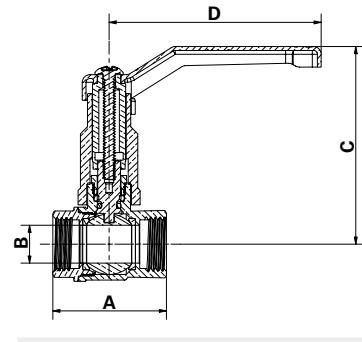
Con leva piatta in acciaio INOX AISI 430
With INOX AISI 430 steel flat lever



Attacchi Connections	Codice prodotto Product code	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi Pack. num. pieces
3/8"	300C3/8G4R	25	37,5	11	48	86,5	12/144
1/2"	300D1/2G4R	25	44,5	15	50	86,5	12/144
3/4"	300E3/4G4R	25	53	20	53,5	86,5	8/96
1"	300F001G4R	25	66	25	65,5	114	3/36
1 1/4"	300G11/4G4R	25	75	32	70,5	114	15
1 1/2"	300H11/2G4R	25	84	40	83	114	10
2"	300I002G4R	25	108	50	92	132	7



Con prolunga e leva in acciaio imbutita
With extension stem and steel lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/2"	300D1/2G1RF	300D1/2G1BF	25	44,5	15	74,5	83
3/4"	300E3/4G1RF	300E3/4G1BF	25	53	20	78	83
1"	300F001G1RF	300F001G1BF	25	66	25	104	90
1 1/4"	300G11/4G1RF	300G11/4G1BF	25	75	32	109,5	90
1 1/2"	300H11/2G1RF	300H11/2G1BF	25	84	40	116	90
2"	300I002G1RF	300I002G1BF	25	108	50	142,5	160
							10



462

Valvole a sfera maschio/femmina con codolo a testa conica e O-ring

Male/female ball valves
with tang with conical head and O-ring

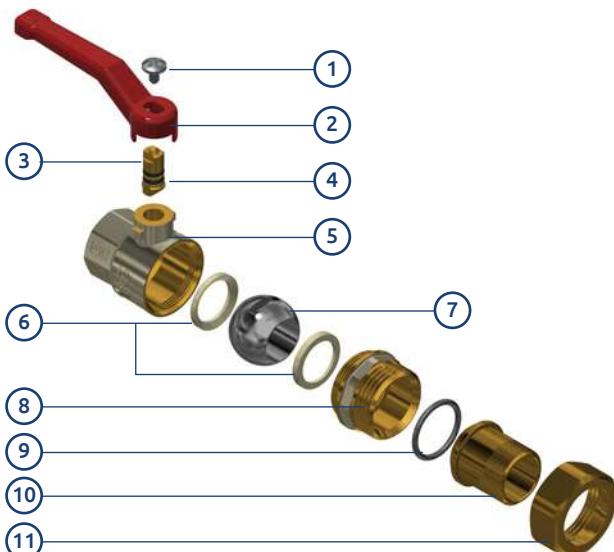
PN25

MADE IN ITALY

- Valvole a sfera in ottone, nichelate sulla superficie esterna.
- Per impianti idro-termosanitari (adatte al consumo di acqua potabile secondo le recenti normative Europee).
- Indicata in impianti di riscaldamento per le batterie di collettori
- Installazione in impianti di riscaldamento industriale, civile, impianti pneumatici, per fluidi non aggressivi.
- Installazione in impianti di media pressione di distribuzione acqua.
- Brass ball valves, nickel-plated on the external surface.
- For hydro-thermo-sanitary systems (domestic water consumption according to recent European regulations).
- Suitable for heating systems for collector batteries.
- Installation in industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- Installation in medium pressure water distribution systems.

- Pressione di esercizio: 25 bar.
- Temperatura di esercizio: -20°C + 130°C.
- Filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta 1/2" - 1" asta assemblata dall'interno con 2 OR in EPDM Perox.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: 25 bar.
- Working temperature: -20°C + 130°C.
- Cylindrical threads according to ISO 228-1.
- Seal on stem: 1/2" - 1" stem assembled from inside with 2 OR in EPDM Perox;
- Seal on the ball with 2 gaskets in PTFE.

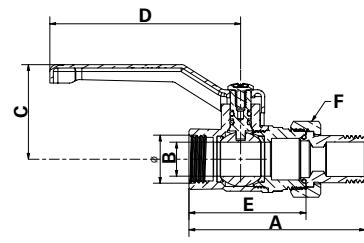


1. Vite in acciaio AISI 430.
2. Leva in acciaio, oppure manopola in alluminio.
3. Asta in CW614N EN12165.
4. O-ring in EPDM PEROX.
5. Valvola CW617N EN12165 nichelato sulla superficie esterna.
6. Sede in PTFE.
7. Sfera in CW617N cromato.
8. Manicotto in CW617N EN12165 nichelato sulla superficie esterna.
9. O-ring in EPDM PEROX.
10. Codolo in CW617N EN12165.
11. Dado in CW617N EN12165.

1. Screw in steel AISI 430.
2. Lever handle steel or aluminum knob.
3. CW614N UNI EN 12164 stem.
4. EPDM PEROX O-ring
5. CW617N UNI EN 12165 body valve, nickel-plated on the external surface
6. PTFE gasket.
7. CW617N UNI EN 12165 chrome-plated ball.
8. CW617N UNI EN 12165 end adaptor, nickel-plated on the external surface.
9. EPDM PEROX O-ring.
10. CW617N EN12165 union.
11. CW617N EN12165 nut.



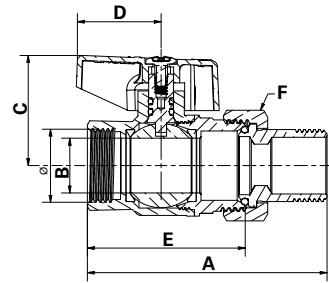
Con leva in acciaio imbutita
With drawn steel lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	E mm	F mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/2"	462D1/2G1R	462D1/2G1B	25	108	50	90	160	51	30
3/4"	462E3/4G1R	462E3/4G1B	25	117	58	97,5	160	57	37
1"	462F001G1R	462F001G1B	25	135	68	143	240	68,5	46



Con manopola in alluminio
With aluminum knob



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	E mm	F mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/2"	462D1/2G2R	462D1/2G2B	25	76,5	15	37	31,5	51	30
3/4"	462E3/4G2R	462E3/4G2B	25	87	20	39	31,5	57	37
1"	462F001G2R	462F001G2B	25	102	25	54	42,5	68,5	46



362

Valvole a sfera femmina/femmina con dado girevole

Female/female ball valves with swivel nut

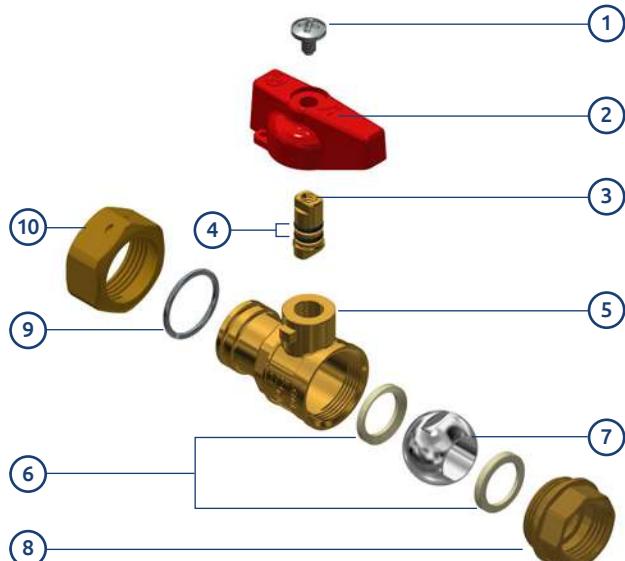
PN25

MADE IN ITALY

- Valvole a sfera in ottone.
- Valvola di intercettazione (ON-OFF) per contatori (adatta al consumo di acqua potabile secondo le recenti normative Europee).
- Brass ball valves.
- Shut-off valve (ON-OFF) for water meters (suitable for domestic water consumption according to recent European regulations).

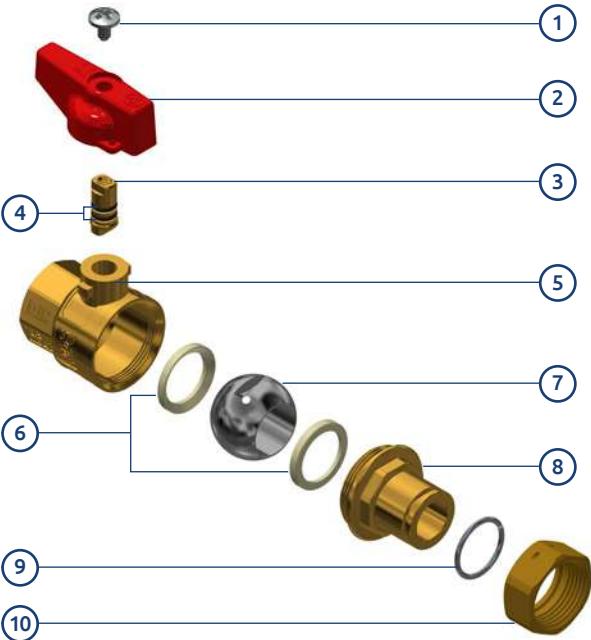
- Pressione di esercizio: 25 bar;
- Temperatura di esercizio: -20°C +130°C.
- Filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta:
 - 1/2" - 3/4" asta assemblata dall'interno con 2 OR in EPDM Perox;
 - 1"x1"1/4 asta assemblata dall'interno con 2 OR in EPDM Perox;
 - 3/4" - 1" asta assemblata dall'interno con 2 OR in EPDM Perox.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: 25 bar;
- Working temperature: -20°C +130°C.
- Cylindrical threads according to ISO 228-1.
- Seal on the stem:
 - 1/2" - 3/4" stem assembled from inside with 2 OR in EPDM Perox;
 - 1"x1"1/4 stem assembled from inside with 2 OR in EPDM Perox;
 - 3/4"- 1" stem assembled from inside with 2 OR in EPDM Perox.
- Seal on the ball with 2 gaskets in PTFE.



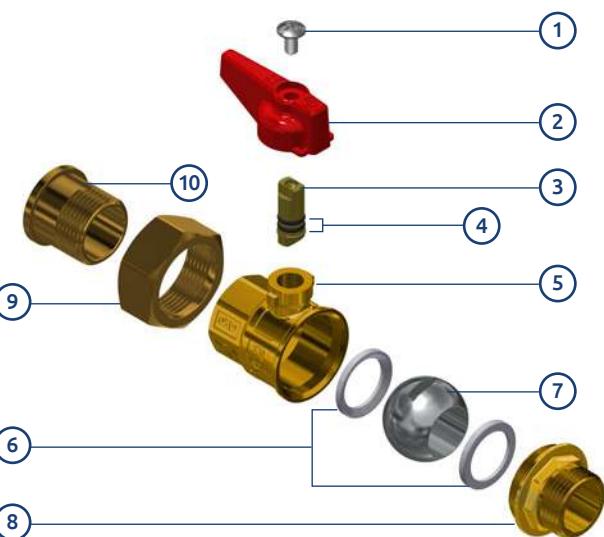
1. Vite in acciaio AISI 430.
2. Manopola in alluminio.
3. Asta CW614N UNI EN 12164.
4. O-ring in EPDM PEROX.
5. Corpo valvola CW617N UNI EN 12165.
6. Sede in PTFE.
7. Sfera in CW617N EN12165 cromata.
8. Manicotto in CW617N EN12165.
9. Anello elastico in acciaio.
10. Dado CW617N UNI EN 12165.

1. AISI 430 screw steel.
2. Aluminum knob.
3. Stem in CW614N UNI EN 12164.
4. EPDM PEROX o-ring.
5. CW617N UNI EN 12165 body valve.
6. PTFE gasket.
7. CW617N chrome plated ball.
8. CW617N EN12165 end adaptor.
9. Elastic ring steel.
10. CW617N UNI EN 12165 nut.



1. Vite in acciaio AISI 430.
2. Manopola in alluminio.
3. Asta CW614N UNI EN 12164.
4. O-ring EPDM PEROX.
5. Corpo valvola CW617N UNI EN 12165.
6. Sede PTFE.
7. Sfera CW617N EN12165 cromata.
8. Manicotto CW617N EN12165.
9. Anello elastico in acciaio.
10. Dado CW617N UNI EN 12165.

1. AISI 430 screw steel.
2. Aluminum knob.
3. Stem in CW614N UNI EN 12164.
4. EPDM PEROX o-ring.
5. CW617N UNI EN 12165 body valve.
6. PTFE gasket.
7. CW617N chrome plated ball.
8. CW617N EN12165 end adaptor.
9. Elastic ring steel.
10. CW617N UNI EN 12165 nut.

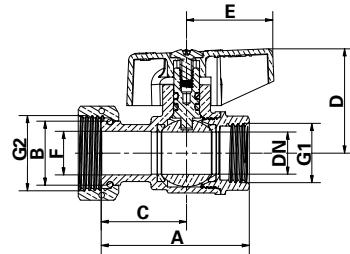


1. Vite in acciaio AISI 430.
2. Manopola in alluminio.
3. Asta CW614N UNI EN 12164.
4. O-ring EPDM PEROX.
5. Corpo valvola CW617N EN12165.
6. Sede PTFE.
7. Sfera CW617N EN12165 cromata.
8. Manicotto CW617N EN12165.
9. Dado CW617N UNI EN 12165.
10. Codolo CW617N EN12165.

1. AISI 430 screw steel.
2. Aluminum knob.
3. Stem in CW614N UNI EN 12164.
4. EPDM PEROX o-ring.
5. CW617N UNI EN 12165 body valve.
6. PTFE gasket.
7. CW617N chrome plated ball.
8. CW617N EN12165 end adaptor.
9. CW617N UNI EN 12165 nut.
10. CW617N UNI EN 12165 union.



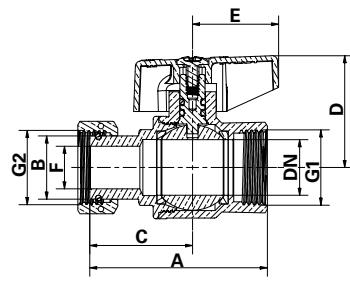
Con manopola in alluminio
With aluminum knob



Attacchi <i>Connections</i>		Codice prodotto <i>Product code</i>		DN	A ±1 mm	B mm	C mm	D mm	E mm	F mm	Conf. num. pezzi <i>Pack. num. pieces</i>
G1	G2										
1/2"	1/2"	362D1/2J2R1/2	362D1/2J2B1/2	15	51,5	16,2	29,5	36,5	31,5	10	10/120
1/2"	3/4"	362D1/2J2R3/4	362D1/2J2B3/4	15	52	22,5	30	36,5	31,5	15,3	10/120



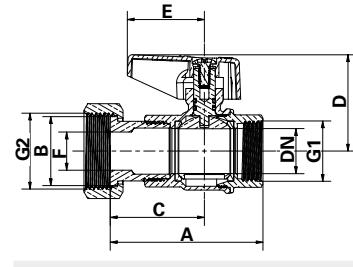
Con manopola in alluminio
With aluminum knob



Attacchi <i>Connections</i>		Codice prodotto <i>Product code</i>		DN	A ±1 mm	B mm	C mm	D mm	E mm	F mm	Conf. num. pezzi <i>Pack. num. pieces</i>
G1	G2										
3/4"	3/4"	362E3/4J2R3/4	362E3/4J2B3/4	20	63,5	22,5	26,65	39	31,5	15,2	6/72
3/4"	1"	362E3/4J2R1	362E3/4J2B1	20	64	28	37,5	39	31,5	19,8	6/72
1"	1"	362F001J2R1	362F001J2B1	25	76,3	28	43,3	54	42,5	19,8	4/48



Con manopola in alluminio
With aluminum knob



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	DN	A ±1 mm	B mm	C mm	D mm	E mm	F mm	Conf. num. pezzi <i>Pack. num. pieces</i>
G1 G2		362F01J2R11/4 362F01J2B11/4	25	84,2	38	52	54	42,5	25,5 3/36



363

Valvole a sfera di intercettazione maschio/femmina per contatori acqua

Male/female shut-off ball valves for water meters

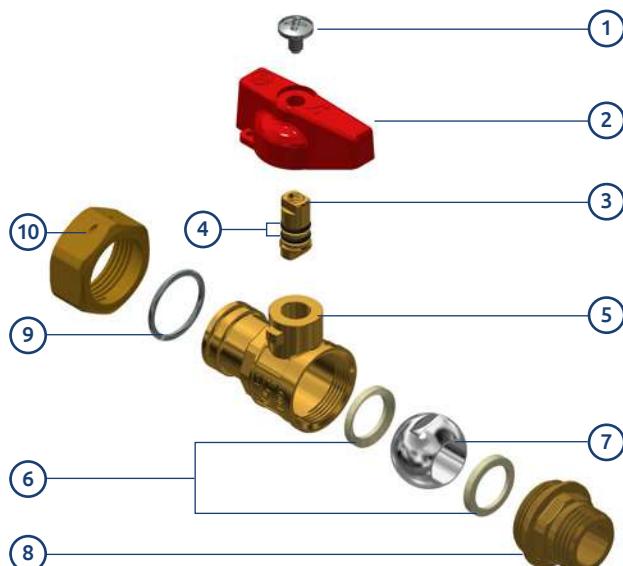
PN25

MADE IN ITALY

- Valvole a sfera in ottone con dado girevole.
- Valvola di intercettazione (ON-OFF) per contatori acqua (adatta al consumo di acqua potabile secondo le recenti normative Europee).
- Brass ball valves with swivel nut.
- Shut-off valve (ON-OFF) for water meters (suitable for domestic water consumption according to recent European regulations).

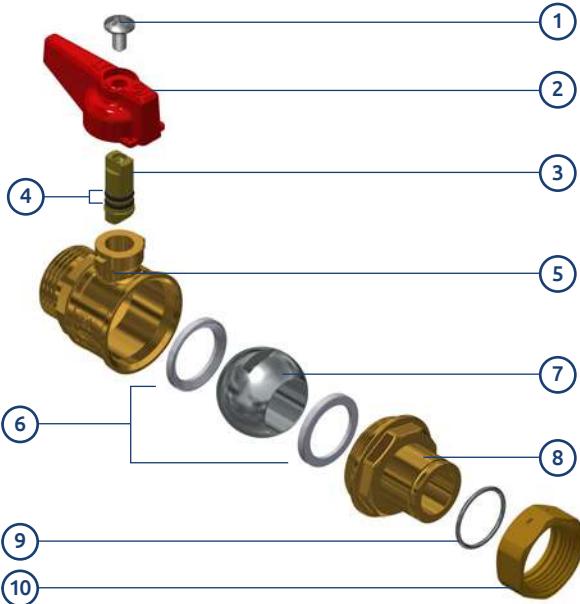
- Pressione di esercizio: 25 bar.
- Temperatura di esercizio: -20°C +130°C
- Filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta:
 - 1/2" - 3/4" asta assemblata dall'interno con 2 OR in EPDM Perox;
 - 1"x1" asta assemblata dall'interno con 2 OR in EPDM Perox;
 - 1"x1"1/4 asta assemblata dall'interno con 2 OR in EPDM Perox.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: 25 bar.
- Working temperature: -20°C +130°C.
- Cylindrical threads according to ISO 228-1.
- Seal on the stem:
 - 1/2" - 3/4" stem assembled from inside with 2 OR in EPDM Perox;
 - 1"x1" stem assembled from inside with 2 OR in EPDM Perox;
 - 1"x1"1/4 stem assembled from inside with 2 OR in EPDM Perox.
- Seal on the ball with 2 gaskets in PTFE.



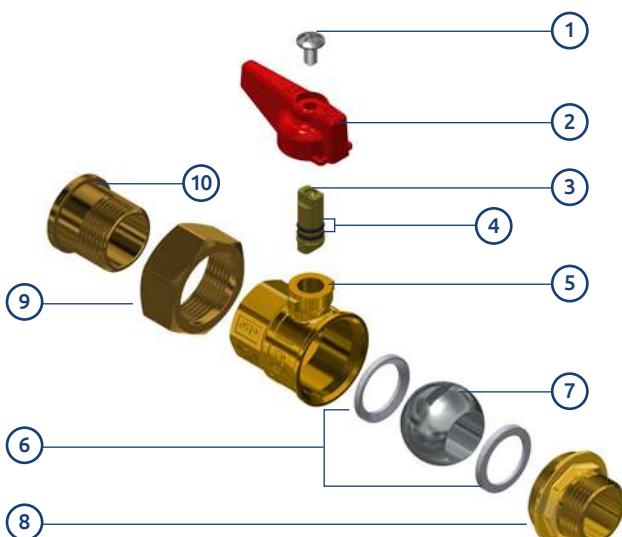
1. Vite in acciaio AISI 430.
2. Manopola in alluminio.
3. Asta CW614N UNI EN 12164.
4. O-ring in EPDM PEROX.
5. Corpo valvola CW617N UNI EN 12165.
6. Sede in PTFE.
7. Sfera in CW617N EN12165 cromata.
8. Manicotto in CW617N EN12165.
9. Anello elastico in acciaio.
10. Dado CW617N UNI EN 12165.

1. AISI 430 screw steel.
2. Aluminum knob.
3. Stem in CW614N UNI EN 12164.
4. EPDM PEROX o-ring.
5. CW617N UNI EN 12165 body valve.
6. PTFE gasket.
7. CW617N chrome plated ball.
8. CW617N EN12165 end adaptor.
9. Elastic ring steel.
10. CW617N UNI EN 12165 nut.



1. Vite in acciaio AISI 430.
2. Manopola in alluminio.
3. Asta CW614N UNI EN 12164.
4. O-ring EPDM PEROX.
5. Corpo valvola CW617N UNI EN 12165.
6. Sede PTFE.
7. Sfera CW617N EN12165 cromata.
8. Manicotto CW617N EN12165.
9. Anello elastico in acciaio.
10. Dado CW617N UNI EN 12165.

1. AISI 430 screw steel.
2. Aluminum knob.
3. Stem in CW614N UNI EN 12164.
4. EPDM PEROX o-ring.
5. CW617N UNI EN 12165 body valve.
6. PTFE gasket.
7. CW617N chrome plated ball.
8. CW617N EN12165 end adaptor.
9. Elastic ring steel.
10. CW617N UNI EN 12165 nut.

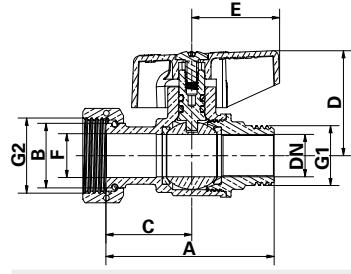


1. Vite in acciaio AISI 430.
2. Manopola in alluminio.
3. Asta CW614N UNI EN 12164.
4. O-ring EPDM PEROX.
5. Corpo valvola CW617N EN12165.
6. Sede PTFE.
7. Sfera CW617N EN12165 cromata.
8. Manicotto CW617N EN12165.
9. Dado CW617N UNI EN 12165.
10. Codolo CW617N EN12165.

1. AISI 430 screw steel.
2. Aluminum knob.
3. Stem in CW614N UNI EN 12164.
4. EPDM PEROX o-ring.
5. CW617N UNI EN 12165 body valve.
6. PTFE gasket.
7. CW617N chrome plated ball.
8. CW617N EN12165 end adaptor.
9. CW617N UNI EN 12165 nut.
10. CW617N UNI EN 12165 union.



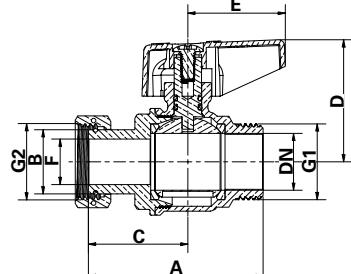
Con manopola in alluminio
With aluminum knob



Attacchi <i>Connections</i>		Codice prodotto <i>Product code</i>		DN	A ±1 mm	B mm	C mm	D mm	E mm	F mm	Conf. num. pezzi <i>Pack. num. pieces</i>
G1	G2										
1/2"	1/2"	363D1/2J2R1/2	363D1/2J2B1/2	15	58,5	16,2	29,5	36,5	31,5	10	10/120
1/2"	3/4"	363D1/2J2R3/4	363D1/2J2B3/4	15	58,5	22,5	30	36,5	31,5	15,3	10/120
3/4"	3/4"	363E3/4J2R3/4	363E3/4J2B3/4	15	59,5	22,5	30	36,5	31,5	15,3	10/120



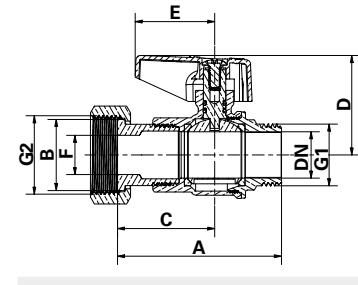
Con manopola in alluminio
With aluminum knob



Attacchi <i>Connections</i>		Codice prodotto <i>Product code</i>		DN	A ±1 mm	B mm	C mm	D mm	E mm	F mm	Conf. num. pezzi <i>Pack. num. pieces</i>
G1	G2										
1"	1"	363F001J2R1	363F001J2B1	25	76	28	43,3	54	42,5	19,8	4/48



Con manopola in alluminio
With aluminum knob



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	DN	A ±1 mm	B mm	C mm	D mm	E mm	F mm	Conf. num. pezzi <i>Pack. num. pieces</i>
G1 G2	 	363F01J2R11/4 363F01J2B11/4	25	87,5	38	52	54	42,5	25,5 3/36



352

Valvole a sfera di intercettazione a squadra femmina/femmina per contatori acqua *Female/female angled shut-off ball valves for water meters*

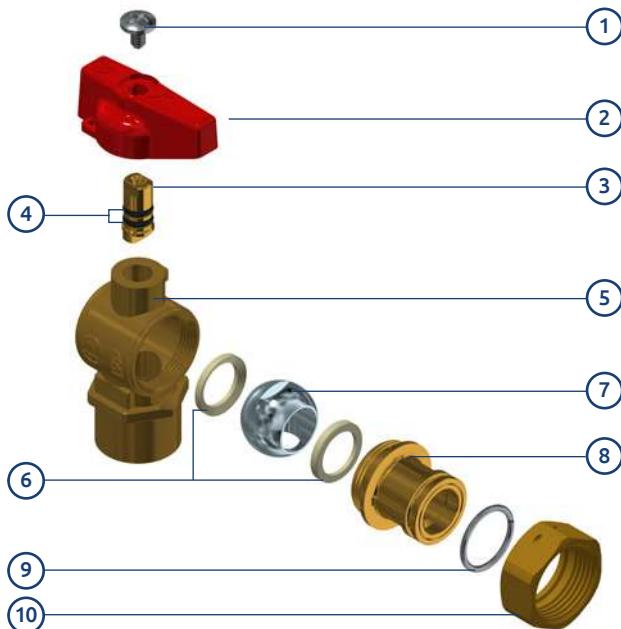
PN25

MADE IN ITALY

- Valvole a sfera in ottone con dado girevole.
- Valvola di intercettazione (ON-OFF) per contatori acqua (adatta al consumo di acqua potabile secondo le recenti normative Europee).
- Brass ball valves with swivel nut.
- Shut-off valve (ON-OFF) for water meters (suitable for domestic water consumption according to recent European regulations).

- Pressione di esercizio: 25 bar.
- Temperatura di esercizio: -20°C +130°C.
- Filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta: 1/2" - 3/4" asta assemblata dall'interno con 2 OR in EPDM Perox.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: 25 bar.
- Working temperature: -20°C +130°C.
- Cylindrical threads according to ISO 228-1.
- Seal on the stem: 1/2" - 3/4" stem assembled from inside with 2 OR in EPDM Perox.
- Seal on the ball with 2 gaskets in PTFE.



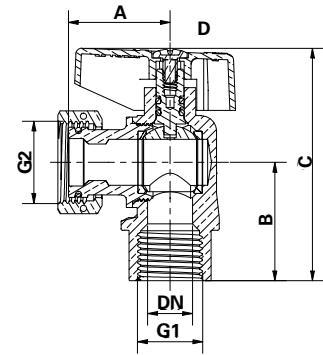
1. Vite in acciaio AISI 430.
2. Manopola in alluminio.
3. Asta CW614N UNI EN 12164.
4. O-ring in EPDM PEROX.
5. Corpo valvola CW617N UNI EN 12165.
6. Sede in PTFE.
7. Sfera in CW617N UNI EN 12165 cromata.
8. Manicotto in CW617N EN12165.
9. Anello elastico in acciaio.
10. Dado CW617N UNI EN 12165.

1. AISI 430 screw steel.
2. Aluminum knob.
3. Stem in CW614N UNI EN 12164.
4. EPDM PEROX o-ring.
5. CW617N UNI EN 12165 body valve.
6. PTFE gasket.
7. CW617N chrome plated ball.
8. CW617N EN12165 end adaptor.
9. Elastic ring steel.
10. CW617N UNI EN 12165 nut.

ACS



Con manopola in alluminio
With aluminum knob



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>		PN	DN	A ±0,5 mm	B ±0,2 mm	C mm	Conf. num. pezzi <i>Pack. num. pieces</i>
G1	G2							
1/2"	3/4"	352D1/2J2R3/4	352D1/2J2B3/4	25	15	32,65	38	73
3/4"	3/4"	352E3/4J2R3/4	352E3/4J2B3/4	25	15	32,65	34	70,5



353

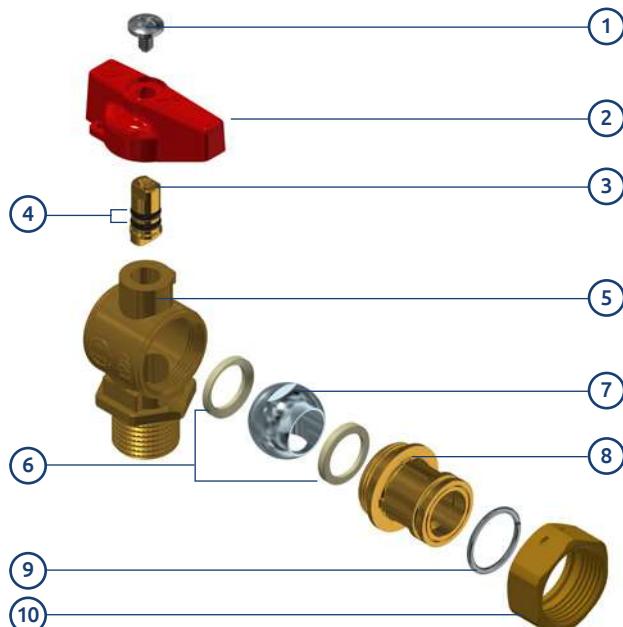
Valvole a sfera di intercettazione**a squadra maschio/femmina per contatori acqua***Male/female angled shut-off ball valves**for water meters***PN25**

MADE IN ITALY

- Valvole a sfera in ottone con dado girevole.
- Valvola di intercettazione (ON-OFF) per contatori acqua (adatta al consumo di acqua potabile secondo le recenti normative Europee).
- Brass ball valves with swivel nut.
- Shut-off valve (ON-OFF) for water meters (suitable for domestic water consumption according to recent European regulations).

- Pressione di esercizio: 25 bar.
- Temperatura di esercizio: -20°C +130°C.
- Filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta: asta assemblata dall'interno con 2 OR in EPDM Perox.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: 25 bar.
- Working temperature: -20°C +130°C.
- Cylindrical threads according to ISO 228-1.
- Seal on the stem: stem assembled from inside with 2 OR in EPDM Perox.
- Seal on the ball with 2 gaskets in PTFE.

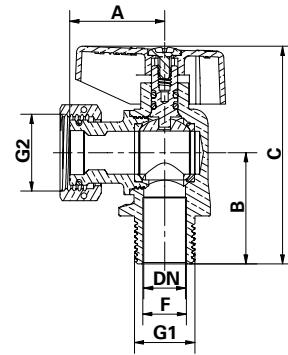


1. Vite in acciaio AISI 430.
2. Manopola in alluminio.
3. Asta CW614N UNI EN 12164.
4. O-ring in EPDM PEROX.
5. Corpo valvola CW617N UNI EN 12165.
6. Sede in PTFE.
7. Sfera in CW617N UNI EN 12165 cromata.
8. Manicotto in CW617N EN12165.
9. Anello elastico in acciaio.
10. Dado CW617N UNI EN 12165.

1. AISI 430 screw steel.
2. Aluminum knob.
3. Stem in CW614N UNI EN 12164.
4. EPDM PEROX o-ring.
5. CW617N UNI EN 12165 body valve.
6. PTFE gasket.
7. CW617N chrome plated ball.
8. CW617N EN12165 end adaptor.
9. Elastic ring steel.
10. CW617N UNI EN 12165 nut.



Con manopola in alluminio
With aluminum knob



Attacchi <i>Connections</i>		Codice prodotto <i>Product code</i>		PN	DN	A ±0,5 mm	B ±0,2 mm	C mm	F mm	Conf. num. pezzi <i>Pack. num. pieces</i>
G1	G2									
1/2"	1/2"	353D1/2J2R1/2	353D1/2J2B1/2	25	15	34,75	38,3	73	15	10/120
1/2"	3/4"	353D1/2J2R3/4	353D1/2J2B3/4	25	15	32,65	38,3	73	15	10/120
3/4"	3/4"	353E3/4J2R3/4	353E3/4J2B3/4	25	15	32,65	38,3	73	20	10/120
1"	1"	353F001J2R1	353F001J2B1	25	20	41,85	50	90,5	25	4/48



565

Valvole a sfera di intercettazione ad angolo maschio/femmina per contatori acqua *Male/female elbow shut-off ball valves for water meters*

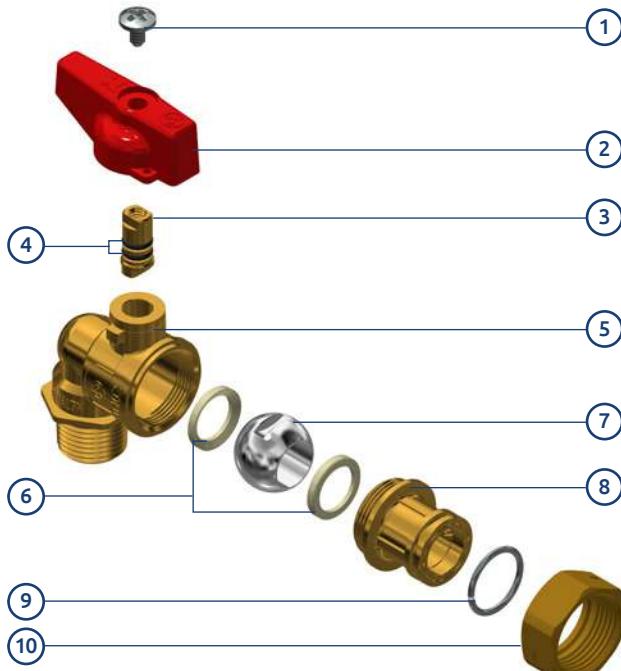
PN25

MADE IN ITALY

- Valvole a sfera in ottone con dado girevole.
- Valvola di intercettazione (ON-OFF) per contatori acqua (adatta al consumo di acqua potabile secondo le recenti normative Europee).
- Brass ball valves with swivel nut.
- Shut-off valve (ON-OFF) for water meters (suitable for domestic water consumption according to recent European regulations).

- Pressione di esercizio: 25 bar.
- Temperatura di esercizio: -20°C +130°C.
- Filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta: asta assemblata dall'interno con 2 OR in EPDM Perox.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: 25 bar.
- Working temperature: -20°C +130°C.
- Cylindrical threads according to ISO 228-1.
- Seal on the stem: stem assembled from inside with 2 OR in EPDM Perox.
- Seal on the ball with 2 gaskets in PTFE.

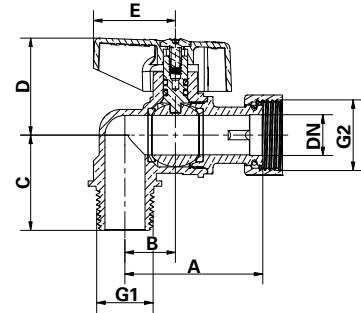


1. Vite in acciaio AISI 430.
2. Manopola in alluminio.
3. Asta CW614N UNI EN 12164.
4. O-ring in EPDM PEROX.
5. Corpo valvola CW617N UNI EN 12165.
6. Sede in PTFE.
7. Sfera in CW617N UNI EN 12165 cromata.
8. Manicotto in CW617N EN12165.
9. Anello elastico in acciaio.
10. Dado CW617N UNI EN 12165.

1. AISI 430 screw steel.
2. Aluminum knob.
3. Stem in CW614N UNI EN 12164.
4. EPDM PEROX o-ring.
5. CW617N UNI EN 12165 body valve.
6. PTFE gasket.
7. CW617N chrome plated ball.
8. CW617N EN12165 end adaptor.
9. Elastic ring steel.
10. CW617N UNI EN 12165 nut.



Con manopola in alluminio
With aluminum handle



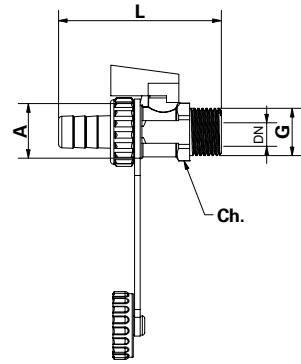
Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	DN	A ±0,5 mm	B mm	C mm	D mm	E mm	Conf. num. pezzi <i>Pack. num. pieces</i>		
G1	G2										
1/2"	1/2"	565D1/2J2R1/2	565D1/2J2B1/2	25	15	53,7	18,9	35,6	36,5	31,5	10/120
1/2"	3/4"	565D1/2J2R3/4	565D1/2J2B3/4	25	15	51,5	18,9	35,6	36,5	31,5	8/96
3/4"	3/4"	565E3/4J2R3/4	565E3/4J2B3/4	25	15	51,5	18,9	36	36,5	31,5	8/96

454**Valvole di scarico caldaia***Boiler draining valve***PN10**

- Installazione in impianti di riscaldamento industriale e civile.
- Installation in industrial and civil heating systems.

- Temperatura di esercizio: +5°C / +90°C.

- Working temperature: +5°C / +90°C.



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	DN	A mm	L mm	CH
1/2"	454D1/2MAN	10	10	3/4"	72	23





186

Rubinetti portagomma

Hose-holder

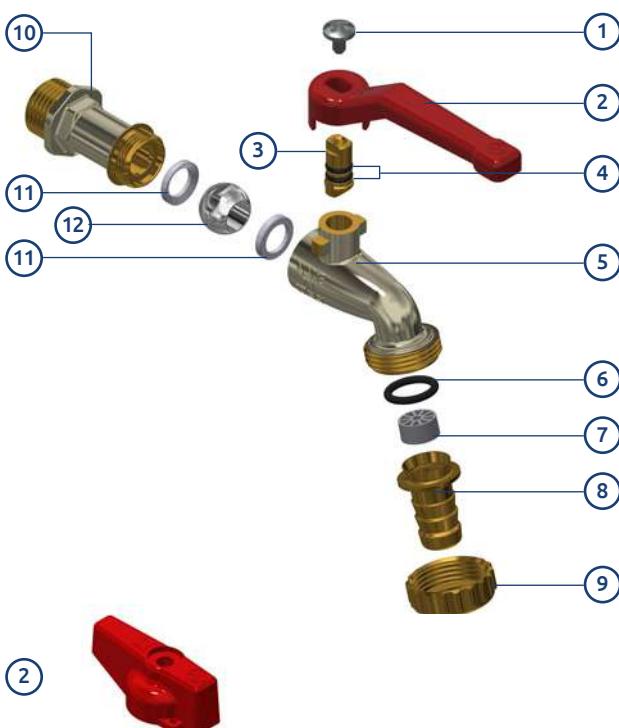
PN25

MADE IN ITALY

- Valvole a sfera in ottone, nichelate sulla superficie esterna.
- Per impianti idro-termosanitari (adatte al consumo di acqua potabile secondo le recenti normative Europee).
- Installazione in impianti di riscaldamento industriale, civile, impianti pneumatici e per fluidi non aggressivi.
- Installazione in impianti di media pressione di distribuzione acqua.
- Brass ball valves, nickel-plated on the external surface.
- For hydro-thermo-sanitary systems (domestic water consumption according to recent European regulations).
- Installation in industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- Installation in medium pressure water distribution systems.

- Pressione di lavoro: 25 bar.
- Temperatura di pressione: -20°C +130°C.
- Filetti: filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta: asta assemblata dall'interno con 2 OR in EPDM Perox.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: 25 bar.
- Working temperature: -20°C +130°C.
- Threads cylindrical threads according to ISO 228-1.
- Seal on the stem: stem assembled from inside with 2 OR in EPDM Perox.
- Seal on the ball with 2 gaskets in PTFE.

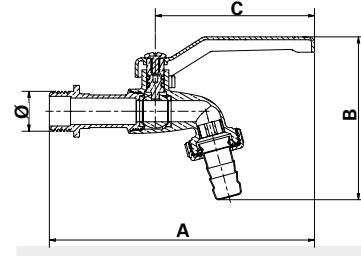


1. Vite in acciaio AISI 430.
2. Leva in alluminio o manopola in alluminio.
3. Asta in CW614N UNI EN12164.
4. O-ring in EPDM PEROX.
5. Corpo rubinetto cigno CW617N UNI EN 12165 nichelato sulla superficie esterna.
6. O-ring in EPDM PEROX.
7. Rompigetto in ABS.
8. Portagomma in CW617N UNI EN 12165.
9. Ghiera in CW617N UNI EN 12165.
10. Manicotto rubinetto curvo CW617N UNI EN 12165 nichelato sulla superficie esterna.
11. Sede PTFE.
12. Sfera in CW617N UNI EN 12165 cromato.

1. Screw in steel AISI 430.
2. Aluminum lever handle or aluminum knob.
3. Stem CW614N UNI EN 12164.
4. EPDM PEROX O-ring.
5. Body valve CW617N UNI EN 12165 nickel-plated on the external surface.
6. EPDM PEROX O-ring.
7. Hose end ABS.
8. Hose connection CW617N UNI EN 12165.
9. CW617N UNI EN 12165 nut.
10. CW617N UNI EN 12165 end adpator, nickel-plated on the external surface.
11. PTFE gasket.
12. CW617N UNI EN 12165 chrome-plated ball.



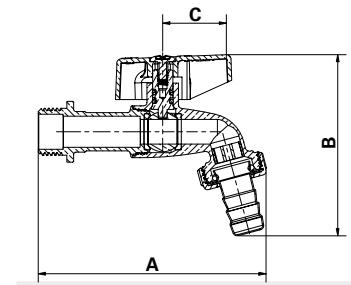
Con leva in acciaio imbutita
With drawn steel lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/2"	186D1/2G1R 186D1/2G1B	25	128,5	85	83	5/60
3/4"	186E3/4G1R 186E3/4G1B	25	144	104	83	3/36
1"	186F001G1R 186F001G1B	25	156,5	122	83	12



Con manopola in alluminio
With aluminum knob



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/2"	186D1/2G2R 186D1/2G2B	25	101	80,5	31,5	5/60
3/4"	186E3/4G2R 186E3/4G2B	25	122	99,5	31,5	3/36
1"	186F001G2R 186F001G2B	25	142	117,5	31,5	12



380

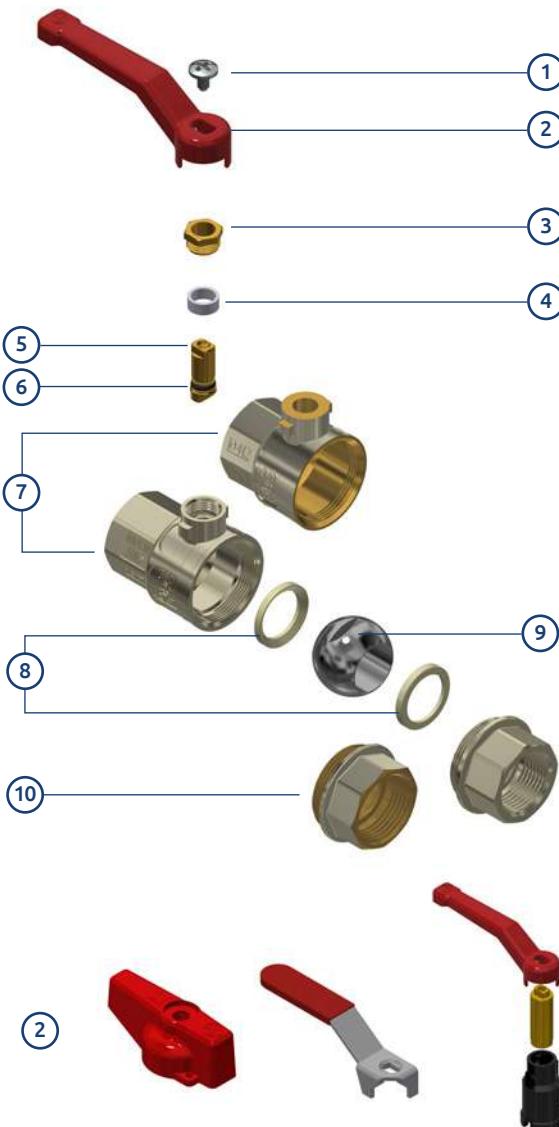
Valvole a sfera femmina/femmina**con premi-stoppa in PTFE***Female/female ball valves with PTFE packing gland***PN40**

MADE IN ITALY

- Valvole a sfera in ottone, nichelate sulla superficie esterna o tutte nichelate
- Brass ball valves, nickel-plated on the external surface or all nickel-plated.

- Pressione di esercizio: vedi tabelle.
- Temperatura di esercizio: -30°C + 150°C.
- Filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta:
 - 1/2", 2" asta assemblata dall'interno con 1 OR in EPDM Perox, premistoppa in PTFE, e regolabile con ghiera;
 - 1/4", 3/8", 2 1/2", 3", 4" asta assemblata dall'esterno con premistoppa in PTFE e regolabile con ghiera.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: see tables.
- Working temperature: -30°C + 150°C.
- Cylindrical threads according to ISO 228-1.
- Seal on the stem:
 - 1/2", 2" stem assembled from inside with 1 OR in EPDM Perox PTFE gasket and adjustable screw gland;
 - 1/4", 3/8", 2 1/2", 3", 4" stem assembled from outside PTFE gasket and adjustable screw gland;
- Seal on the ball with 2 gaskets in PTFE.



1. Vite in acciaio AISI 430.
2. Leva in acciaio, oppure:
 - manopola in alluminio,
 - leva piatta in acciaio, o in acciaio inox AISI 430
 - leva in acciaio con prolunga in ottone e canotto in plastica PA6 caricata 50% fibra di vetro o CW617N UNI EN 12165 nichelato a seconda dei modelli.
 - Ghiera in CW614N EN12164.
3. Anello premistoppa PTFE.
4. Asta in CW614N EN12164.
5. O-ring in EPDM PEROX.
6. Corpo valvola CW617N EN12165 nichelato o nichelato sulla superficie esterna a seconda del modello (vedi tabelle).
7. Sede in PTFE.
8. Sfera in CW617N cromato.
9. Manicotto in CW617N EN12165 nichelato o nichelato sulla superficie esterna a seconda del modello (vedi tabelle).

1. Steel AISI 430 screw.
2. Lever handle steel or:
 - aluminum knob;
 - steel or INOX AISI 430 flat lever;
 - depending on the models, steel lever with extension stem in brass and external extension in plastic PA6 50% fiberglass loaded or in CW617N UNI EN 12165 nickel-plated.
3. CW614N UNI EN 12164 packing gland.
4. PTFE ring seal.
5. CW614N UNI EN 12164 stem.
6. EPDM PEROX O-ring.
7. CW617N UNI EN 12165 body valve, nickel-plated or nickel-plated on the external surface.
8. PTFE gasket.
9. CW617N UNI EN 12165 chrome-plated ball.
10. CW617N UNI EN 12165 end adaptor, nickel-plated or nickel-plated on the external surface.

Con leva in acciaio imbutita

With drawn steel lever

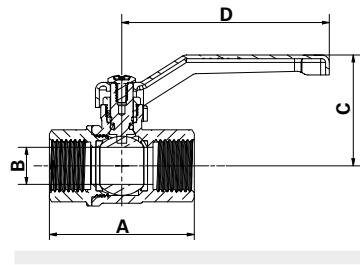


Adatte per:

- impianti idro-termosanitari (adatte al consumo di acqua potabile secondo le recenti normative Europee)
- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua.

Suitable for:

- hydro-thermo-sanitary systems (domestic water according to European regulations).
- industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- medium and high pressure water distribution systems.



Attacchi Connections	Codice prodotto Product code	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi Pack. num. pieces
1/4"	380B1/4G1R	380B1/4G1B	40	48	11	44	83
3/8"	380C3/8G1R	380C3/8G1B	40	48	11	44	83
1/2"	380D1/2G1R	380D1/2G1B	60	58	15	45	83
3/4"	380E3/4G1R	380E3/4G1B	60	66	20	48	83
1"	380F001G1R	380F001G1B	40	80	25	68	90
1 1/4"	380G11/4G1R	380G11/4G1B	40	97	32	73	90
1 1/2"	380H11/2G1R	380H11/2G1B	40	107	40	82	160
2"	380I002G1R	380I002G1B	40	131	50	90	160
2 1/2"	380L21/2G1R	-	40	155	62	140	240
3"	380M003G1R	-	40	176	74	145	240
4"	380N004G1R	-	40	218	100	160	240
							1

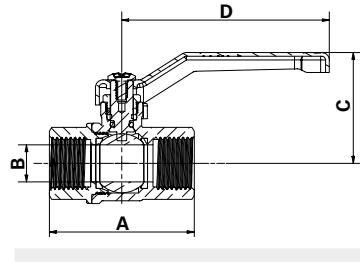


Adatte per:

- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua (non adatta al consumo umano).

Suitable for:

- industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- medium and high pressure water distribution systems (not drinking water).



Attacchi Connections	Codice prodotto Product code	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi Pack. num. pieces
1/4"	380B1/4C1R	380B1/4C1B	40	48	11	44	83
3/8"	380C3/8C1R	380C3/8C1B	40	48	11	44	83
1/2"	380D1/2C1R	380D1/2C1B	60	58	15	45	83
3/4"	380E3/4C1R	380E3/4C1B	60	66	20	48	83
1"	380F001C1R	380F001C1B	40	80	25	68	90
1 1/4"	380G11/4C1R	380G11/4C1B	40	97	32	73	90
1 1/2"	380H11/2C1R	380H11/2C1B	40	107	40	82	160
2"	380I002C1R	380I002C1B	40	131	50	90	160
2 1/2"	380L21/2C1R	-	40	155	62	140	240
3"	380M003C1R	-	40	176	74	145	240
4"	380N004C1R	-	40	218	100	160	240
							1



Con manopola in alluminio

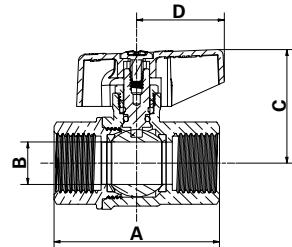
With aluminum knob

Adatte per:

- impianti idro-termosanitari (adatte al consumo di acqua potabile secondo le recenti normative Europee)
- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua.

Suitable for:

- *hydro-thermo-sanitary systems (domestic water according to European regulations).*
- *industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.*
- *medium and high pressure water distribution systems.*



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>	
1/4"	380B1/4G2R	380B1/4G2B	40	48	11	34	31,5	15/180
3/8"	380C3/8G2R	380C3/8G2B	40	48	11	34	31,5	12/144
1/2"	380D1/2G2R	380D1/2G2B	60	58	15	40	31,5	10/120
3/4"	380E3/4G2R	380E3/4C2B	60	66	20	43,5	31,5	6/72
1"	380F001G2R	380F001G2B	40	80	25	54	42,5	4/48
1 1/4"	380G11/4G2R	380G11/4G2B	40	97	32	68	42,5	10

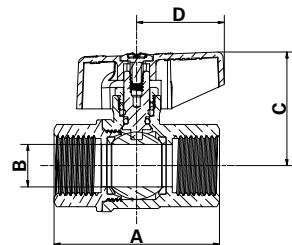


Adatte per:

- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua (non adatta al consumo umano).

Suitable for:

- *industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.*
- *medium and high pressure water distribution systems (not drinking water).*



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>	
1/4"	380B1/4C2R	380B1/4C2B	40	48	9	34	31,5	15/180
3/8"	380C3/8C2R	380C3/8C2B	40	48	11	34	31,5	12/144
1/2"	380D1/2C2R	380D1/2C2B	60	58	15	40	31,5	10/120
3/4"	380E3/4C2R	380E3/4C2B	60	66	20	43,5	31,5	6/72
1"	380F001C2R	380F001C2B	40	80	25	54	42,5	4/48
1 1/4"	380G11/4C2R	380G11/4C2B	40	97	32	68	42,5	10



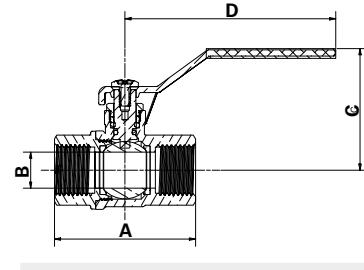
Con leva piatta in acciaio With steel flat lever

Adatte per:

- impianti idro-termosanitari (adatte al consumo di acqua potabile secondo le recenti normative Europee)
- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua.

Suitable for:

- hydro-thermo-sanitary systems (domestic water according to European regulations).
- industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- medium and high pressure water distribution systems.



Attacchi Connections	Cod. prodotto Product code	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi Pack. num. pieces
3/8"	380C3/8G3R	40	48	11	48	86,5	12/144
1/2"	380D1/2G3R	60	58	15	50	86,5	10/120
3/4"	380E3/4G3R	60	66	20	53,5	86,5	6/72
1"	380F001G3R	40	80	25	65,5	114	3/36
1 1/4"	380G11/4G3R	40	97	32	70,5	114	10
1 1/2"	380H11/2G3R	40	107	40	83	132	10
2"	380I002G3R	40	131	50	94	194	9

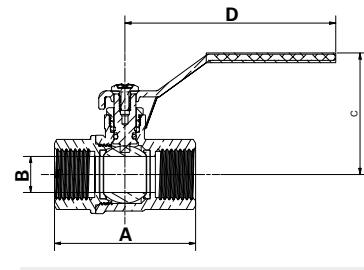


Adatte per:

- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua (non adatta al consumo umano).

Suitable for:

- industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- medium and high pressure water distribution systems (not drinking water).



Attacchi Connections	Cod. prodotto Product code	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi Pack. num. pieces
3/8"	380C3/8C3R	40	48	11	48	86,5	12/144
1/2"	380D1/2C3R	60	58	15	50	86,5	10/120
3/4"	380E3/4C3R	60	66	20	53,5	86,5	6/72
1"	380F001C3R	40	80	25	65,5	114	3/36
1 1/4"	380G11/4C3R	40	97	32	70,5	114	10
1 1/2"	380H11/2C3R	40	107	40	83	132	10
2"	380I002C3R	40	131	50	94	194	9



Con leva piatta in acciaio INOX AISI 430

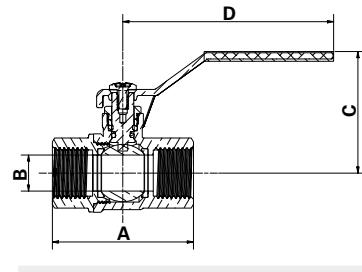
With INOX AISI 430 steel flat lever

Adatte per:

- impianti idro-termosanitari (adatte al consumo di acqua potabile secondo le recenti normative Europee)
- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua.

Suitable for:

- *hydro-thermo-sanitary systems (domestic water according to European regulations).*
- *industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.*
- *medium and high pressure water distribution systems.*



Attacchi Connections	Codice prodotto Product code	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi Pack. num. pieces
3/8"	380C3/8G4R	40	48	11	48	86,5	12/144
1/2"	380D1/2G4R	60	58	15	50	86,5	10/120
3/4"	380E3/4G4R	60	66	20	53,5	86,5	6/72
1"	380F001G4R	40	80	25	65,5	114	3/36
1 1/4"	380G11/4G4R	40	97	32	70,5	114	10
1 1/2"	380H11/2G4R	40	107	40	83	132	10
2"	380I002G4R	40	131	50	94	194	9

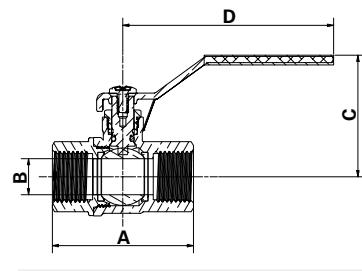


Adatte per:

- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua (non adatta al consumo umano).

Suitable for:

- *industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.*
- *medium and high pressure water distribution systems (not drinking water).*



Attacchi Connections	Codice prodotto Product code	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi Pack. num. pieces
3/8"	380C3/8C4R	40	48	11	48	86,5	12/144
1/2"	380D1/2C4R	60	58	15	50	86,5	10/120
3/4"	380E3/4C4R	60	66	20	53,5	86,5	6/72
1"	380F001C4R	40	80	25	65,5	114	3/36
1 1/4"	380G11/4C4R	40	97	32	70,5	114	10
1 1/2"	380H11/2C4R	40	107	40	83	132	10
2"	380I002C4R	40	131	50	94	194	9



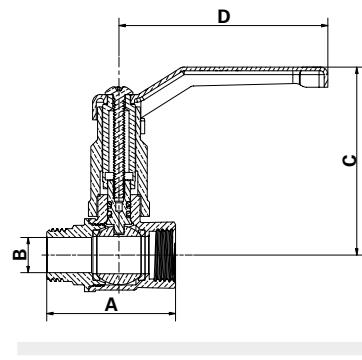
Con prolunga e leva in acciaio imbutita With extension stem and steel lever

Adatte per:

- impianti idro-termosanitari (adatte al consumo di acqua potabile secondo le recenti normative Europee)
- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua.

Suitable for:

- *hydro-thermo-sanitary systems (domestic water according to European regulations).*
- *industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.*
- *medium and high pressure water distribution systems.*



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>	
1/2"	380D1/2G1RF	380D1/2G1BF	60	58	15	78	83	30
3/4"	380E3/4G1RF	380E3/4G1BF	60	66	20	81,5	83	25
1"	380F001G1RF	380F001G1BF	40	80	25	105	90	25
1 1/4"	380G11/4G1RF	380G11/4G1BF	40	97	32	110	90	10
1 1/2"	380H11/2G1RF	380H11/2G1BF	40	107	40	134	160	10
2"	380I002G1RF	380I002G1BF	40	131	50	142	160	7

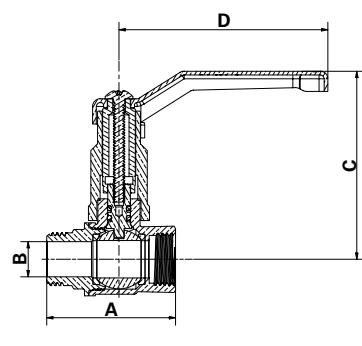


Adatte per:

- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua (non adatta al consumo umano).

Suitable for:

- *industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.*
- *medium and high pressure water distribution systems (not drinking water).*



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>	
1/2"	380D1/2C1RF	380D1/2C1BF	60	58	15	78	83	30
3/4"	380E3/4C1RF	380E3/4C1BF	60	66	20	81,5	83	25
1"	380F001C1RF	380F001C1BF	40	80	25	105	90	25
1 1/4"	380G11/4C1RF	380G11/4C1BF	40	97	32	110	90	10
1 1/2"	380H11/2C1RF	380H11/2C1BF	40	107	40	134	160	10
2"	380I002C1RF	380I002C1BF	40	131	50	142	160	7



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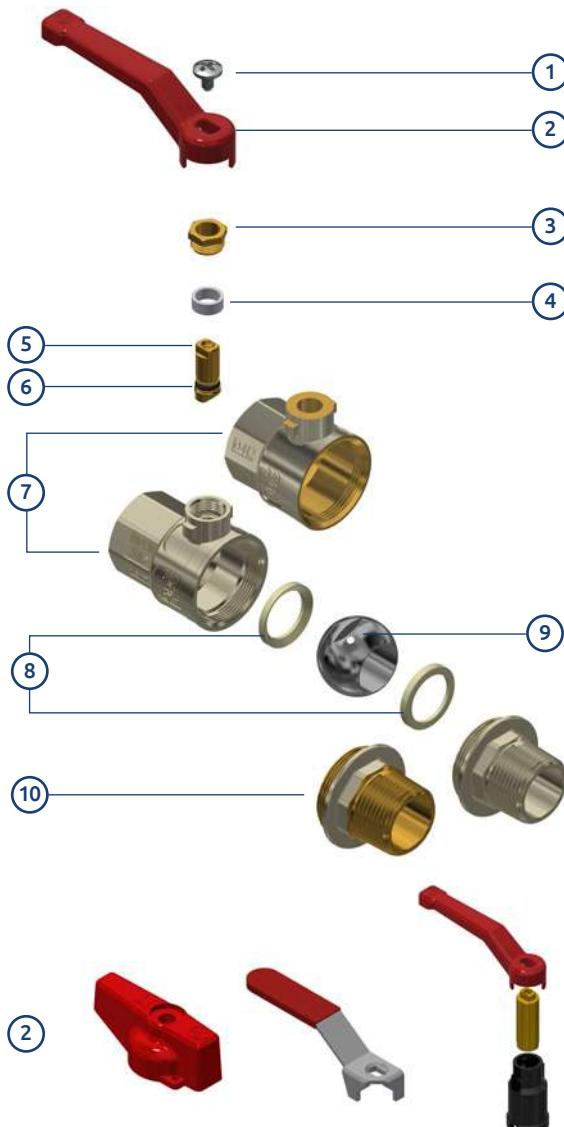
Valvole a sfera maschio/femmina**con premi-stoppa in PTFE***Male/female ball valves with PTFE packing gland***PN40**

MADE IN ITALY

- Valvole a sfera in ottone, nichelate sulla superficie esterna o tutte nichelate
- Brass ball valves, nickel-plated on the external surface or all nickel-plated.

- Pressione di esercizio: vedi tabelle.
- Temperatura di esercizio: -30°C + 150°C.
- Filetti cilindrici secondo norma ISO 228-1 8 (corpo).
- Filetto conico secondo norma ISO 7/1 (manicotto).
- Tenuta sull'asta:
 - 1/2", 2" asta assemblata dall'interno con 1 OR in EPDM Perox, premistoppa in PTFE, e regolabile con ghiera;
 - 3/8" asta assemblata dall'esterno con premistoppa in PTFE e regolabile con ghiera.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: see tables.
- Working temperature: -30°C + 150°C.
- Cylindrical threads according to ISO 228-1 (body).
- Conical threads according to ISO 7/1 (end adaptor).
- Seal on the stem:
 - 1/2", 2" stem assembled from inside with 1 OR in EPDM Perox PTFE gasket and adjustable screw gland;
 - 3/8" stem assembled from outside PTFE gasket and adjustable screw gland;
- Seal on the ball with 2 gaskets in PTFE.



1. Vite in acciaio AISI 430.
2. Leva in acciaio, oppure:
 - manopola in alluminio,
 - leva piatta in acciaio, o in acciaio inox AISI 430
 - leva in acciaio con prolunga in ottone e canotto in plastica PA6 caricata 50% fibra di vetro o CW617N UNI EN 12165 nichelato a seconda dei modelli.
3. Ghiera in CW614N EN12164.
4. Anello premistoppa PTFE.
5. Asta in CW614N EN12164.
6. O-ring in EPDM PEROX.
7. Corpo valvola CW617N EN12165 nichelato o nichelato sulla superficie esterna a seconda del modello (vedi tabelle).
8. Sede in PTFE.
9. Sfera in CW617N cromato.
10. Manicotto in CW617N EN12165 nichelato o nichelato sulla superficie esterna a seconda del modello (vedi tabelle).

1. Screw in steel AISI 430.
2. Lever handle steel or:
 - aluminum knob;
 - steel or INOX AISI 430 flat lever;
 - depending on the models, steel lever with extension stem in brass and external extension in plastic PA6 50% fiberglass loaded or in CW617N UNI EN 12165 nickel-plated.
3. CW614N UNI EN 12164 packing gland.
4. PTFE ring seal.
5. CW614N UNI EN 12164 stem.
6. EPDM PEROX O-ring.
7. CW617N UNI EN 12165 body valve, nickel-plated or nickel-plated on the external surface (see tables).
8. PTFE gasket.
9. CW617N UNI EN 12165 chrome-plated ball.
10. CW617N UNI EN 12165 end adaptor, nickel-plated or nickel-plated on the external surface (see tables).



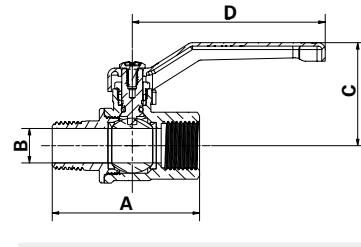
Con leva in acciaio imbutita With drawn steel lever

Adatte per:

- impianti idro-termosanitari (adatte al consumo di acqua potabile secondo le recenti normative Europee)
- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua.

Suitable for:

- hydro-thermo-sanitary systems (domestic water according to European regulations).*
- industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.*
- medium and high pressure water distribution systems.*



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
3/8"	382C3/8G1R	382C3/8G1B	40	53,5	11	44	83
1/2"	382D1/2G1R	382D1/2G1B	60	63,5	15	45	83
3/4"	382E3/4G1R	382E3/4G1B	60	72,5	20	48	83
1"	382F001G1R	382F001G1B	40	86	25	68	90
1 1/4"	382G11/4G1R	382G11/4G1B	40	101,5	32	73	90
1 1/2"	382H11/2G1R	382H11/2G1B	40	109,5	40	82	160
2"	382I002G1R	382I002G1B	40	133,5	50	90	160
							9

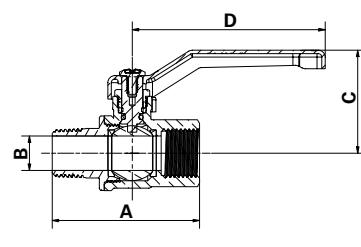


Adatte per:

- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua (non adatta al consumo umano).

Suitable for:

- industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.*
- medium and high pressure water distribution systems (not drinking water).*



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
3/8"	382C3/8C1R	382C3/8C1B	40	53,5	11	44	83
1/2"	382D1/2C1R	382D1/2C1B	60	63,5	15	45	83
3/4"	382E3/4C1R	382E3/4C1B	60	72,5	20	48	83
1"	382F001C1R	382F001C1B	40	86	25	68	90
1 1/4"	382G11/4C1R	382G11/4C1B	40	101,5	32	73	90
1 1/2"	382H11/2C1R	382H11/2C1B	40	109,5	40	82	160
2"	382I002C1R	382I002C1B	40	133,5	50	90	160
							9



Con manopola in alluminio

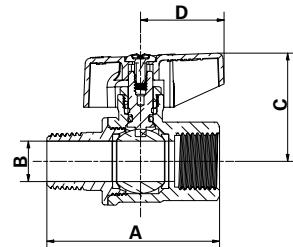
With aluminum knob

Adatte per:

- impianti idro-termosanitari (adatte al consumo di acqua potabile secondo le recenti normative Europee)
- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua.

Suitable for:

- hydro-thermo-sanitary systems (domestic water according to European regulations).
- industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- medium and high pressure water distribution systems.



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
3/8"	382C3/8G2R	382C3/8G2B	40	53,5	11	34	31,5
1/2"	382D1/2G2R	382D1/2G2B	60	63,5	15	40	31,5
3/4"	382E3/4G2R	382E3/4G2B	60	72,5	20	43,5	31,5
1"	382F001G2R	382F001G2B	40	86	25	54	42,5
1 1/4"	382G11/4G2R	382G11/4G2B	40	101,5	32	68	42,5
							10

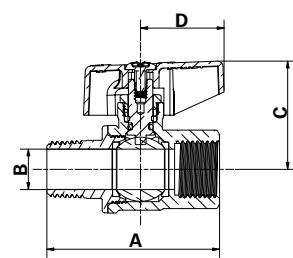


Adatte per:

- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua (non adatta al consumo umano).

Suitable for:

- industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- medium and high pressure water distribution systems (not drinking water).



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
3/8"	382C3/8C2R	382C3/8C2B	40	53,5	11	34	31,5
1/2"	382D1/2C2R	382D1/2C2B	60	63,5	15	40	31,5
3/4"	382E3/4C2R	382E3/4C2B	60	72,5	20	43,5	31,5
1"	382F001C2R	382F001C2B	40	86	25	54	42,5
1 1/4"	382G11/4C2R	382G11/4C2B	40	101,5	32	68	42,5
							10



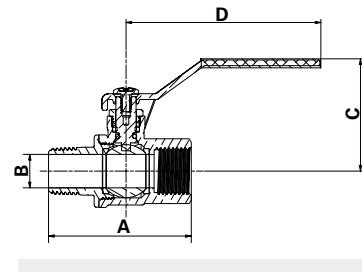
Con leva piatta in acciaio With steel flat lever

Adatte per:

- impianti idro-termosanitari (adatte al consumo di acqua potabile secondo le recenti normative Europee)
- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua.

Suitable for:

- hydro-thermo-sanitary systems (domestic water according to European regulations).
- industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- medium and high pressure water distribution systems.



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
3/8"	382C3/8G3R	40	53,5	11	48	86,5	12/144
1/2"	382D1/2G3R	60	63,5	15	50	86,5	10/120
3/4"	382E3/4G3R	60	72,5	20	53,5	86,5	6/72
1"	382F001G3R	40	86	25	65,5	114	3/36
1 1/4"	382G11/4G3R	40	101,5	32	70,5	114	10
1 1/2"	382H11/2G3R	40	109,5	40	83	132	10
2"	382I002G3R	40	133,5	50	94	194	9

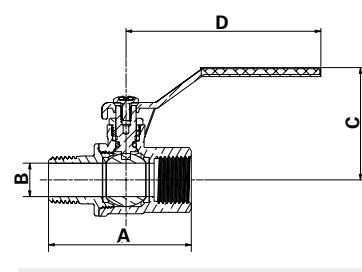


Adatte per:

- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua (non adatta al consumo umano).

Suitable for:

- industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- medium and high pressure water distribution systems (not drinking water).



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
3/8"	382C3/8C3R	40	53,5	11	48	86,5	12/144
1/2"	382D1/2C3R	60	63,5	15	50	86,5	10/120
3/4"	382E3/4C3R	60	72,5	20	53,5	86,5	6/72
1"	382F001C3R	40	86	25	65,5	114	3/36
1 1/4"	382G11/4C3R	40	101,5	32	70,5	114	10
1 1/2"	382H11/2C3R	40	109,5	40	83	132	10
2"	382I002C3R	40	133,5	50	94	194	9



Con leva piatta in acciaio INOX AISI 430

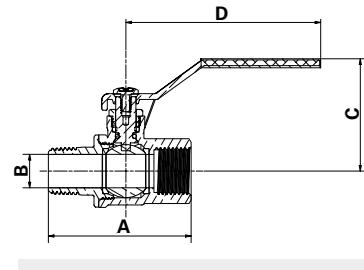
With INOX AISI 430 steel flat lever

Adatte per:

- impianti idro-termosanitari (adatte al consumo di acqua potabile secondo le recenti normative Europee)
- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua.

Suitable for:

- hydro-thermo-sanitary systems (domestic water according to European regulations).
- industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- medium and high pressure water distribution systems.



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
3/8"	382C3/8G4R	40	53,5	11	48	86,5	12/144
1/2"	382D1/2G4R	60	63,5	15	50	86,5	10/120
3/4"	382E3/4G4R	60	72,5	20	53,5	86,5	6/72
1"	382F001G4R	40	86	25	65,5	114	3/36
1 1/4"	382G11/4G4R	40	101,5	32	70,5	114	10
1 1/2"	382H11/2G4R	40	109,5	40	83	132	10
2"	382I002G4R	40	133,5	50	94	194	9

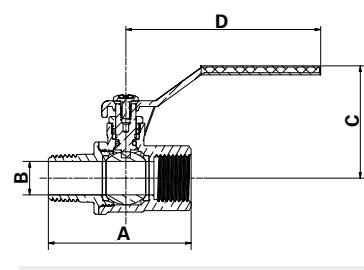


Adatte per:

- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua (non adatta al consumo umano).

Suitable for:

- industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- medium and high pressure water distribution systems (not drinking water).



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
3/8"	382C3/8C4R	40	53,5	11	48	86,5	12/144
1/2"	382D1/2C4R	60	63,5	15	50	86,5	10/120
3/4"	382E3/4C4R	60	72,5	20	53,5	86,5	6/72
1"	382F001C4R	40	86	25	65,5	114	3/36
1 1/4"	382G11/4C4R	40	101,5	32	70,5	114	10
1 1/2"	382H11/2C4R	40	109,5	40	83	132	10
2"	382I002C4R	40	133,5	50	94	194	9



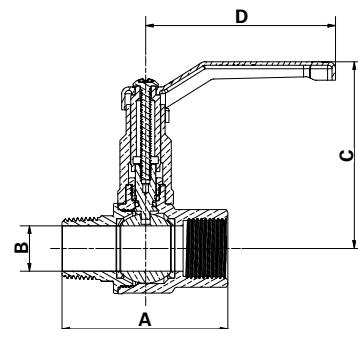
Con prolunga e leva in acciaio imbutita With extension stem and steel lever

Adatte per:

- impianti idro-termosanitari (adatte al consumo di acqua potabile secondo le recenti normative Europee)
- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua.

Suitable for:

- hydro-thermo-sanitary systems (domestic water according to European regulations).
- industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- medium and high pressure water distribution systems.



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>	
1/2"	382D1/2G1RF	382D1/2G1BF	60	63,5	15	78	83	30
3/4"	382E3/4G1RF	382E3/4G1BF	60	72,5	20	81,5	83	25
1"	382F001G1RF	382F001G1BF	40	86	25	105	90	25
1 1/4"	382G11/4G1RF	382G11/4G1BF	40	101,5	32	110	90	10
1 1/2"	382H11/2G1RF	382H11/2G1BF	40	109,5	40	134	160	10
2"	382I002G1RF	382I002G1BF	40	133,5	50	142	160	7

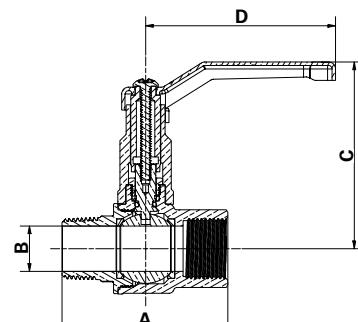


Adatte per:

- impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- impianti in media ed alta pressione di distribuzione acqua (non adatta al consumo umano).

Suitable for:

- industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.
- medium and high pressure water distribution systems (not drinking water).



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>	
1/2"	382D1/2C1RF	382D1/2C1BF	60	63,5	15	78	83	30
3/4"	382E3/4C1RF	382E3/4C1BF	60	72,5	20	81,5	83	25
1"	382F001C1RF	382F001C1BF	40	86	25	105	90	25
1 1/4"	382G11/4C1RF	382G11/4C1BF	40	101,5	32	110	90	10
1 1/2"	382H11/2C1RF	382H11/2C1BF	40	109,5	40	134	160	10
2"	382I002C1RF	382I002C1BF	40	133,5	50	142	160	7



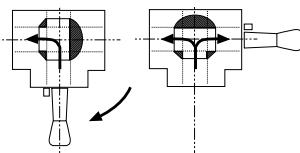


VALVOLE A SFERA A 3 VIE 3-WAY BALL VALVES

178**Valvole a sfera a 3 vie, rotazione sfera T - 90°***3-way ball valves, ball rotation T - 90°***PN16**

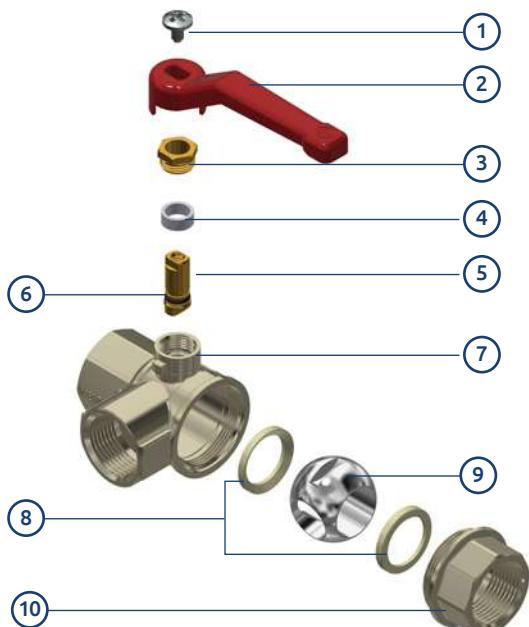
MADE IN ITALY

- Valvola a sfera in ottone tutta nichelata.
- Installazione in impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- Installazione in impianti di media pressione di distribuzione acqua.
- *Nickel-plated brass ball valve.*
- *Installation in industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.*
- *Installation in medium pressure water distribution systems.*



- Pressione di esercizio: 16 bar.
- Temperatura di esercizio: -30°C + 150°C.
- Filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta:
 - valvole da 1/2" a 2" asta assemblata dall'interno con 1 OR in EPDM Perox, premistoppa in PTFE, e regolabile con ghiera;
 - valvole 3/8" asta assemblata dall'esterno con premistoppa in PTFE e regolabile con ghiera.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: 16 bar.
- Working temperature: -30°C + 150°C.
- Threads cylindrical threads according to ISO 228-1.
- Seal on the stem:
 - valves from 1/2" to 2" stem assembled from inside with 1 OR in EPDM Perox, PTFE gasket and adjustable screw gland;
 - 3/8" valves stem assembled from outside with PTFE gasket and and adjustable screw gland.
- Seal on the ball with 2 gaskets in PTFE.

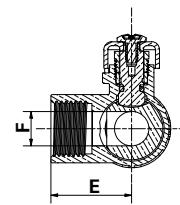
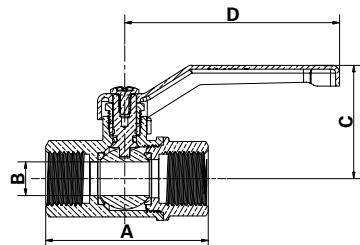


1. Vite in acciaio AISI 430.
2. Leva in acciaio.
3. Ghiera in CW614N EN12164.
4. Anello premistoppa PTFE.
5. Asta in CW614N EN12164.
6. O-ring in EPDM PEROX.
7. Corpo valvola CW617N EN12165 nichelato.
8. Sede in PTFE.
9. Sfera in CW617N cromato.
10. Manicotto in CW617N EN12165 nichelato.

1. Screw in steel AISI 430.
2. Lever handle steel.
3. CW614N UNI EN 12164 packing gland.
4. PTFE ring seal.
5. CW614N UNI EN 12164 stem.
6. EPDM PEROX O-ring.
7. Body valve: CW617N UNI EN 12165 nickel-plated.
8. PTFE gasket.
9. CW617N UNI EN 12165 chrome-plated ball.
10. CW617N UNI EN 12165 nickel-plated.



Con leva in acciaio imbutita
With drawn steel lever

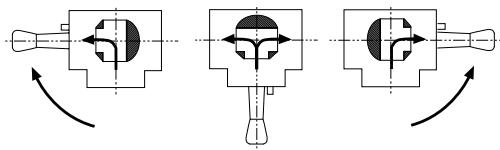


Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	E mm	F mm	Conf. num. pezzi <i>Pack. num. pieces</i>	
3/8"	178C3/8C1R	178C3/8C1B	16	48,5	11	44	83	23,5	10	10/120
1/2"	178D1/2C1R	178D1/2C1B	16	63	13	44	83	30,5	13	6/72
3/4"	178E3/4C1R	178E3/4C1B	16	69,5	20	48	83	34,5	17	5/60
1"	178F001C1R	178F001C1B	16	85	25	68	90	45	22,5	10
1 1/4"	178G11/4C1R	178G11/4C1B	16	103	32	73	90	51,5	26,5	6
1 1/2"	178H11/2C1R	178H11/2C1B	16	116,5	40	82	160	59,5	35	6
2"	178I002C1R	178I002C1B	16	128	45	90,5	160	69	45	6

181**Valvole a sfera a 3 vie, rotazione sfera T - 180°***3-way ball valves, ball rotation T - 180°***PN16**

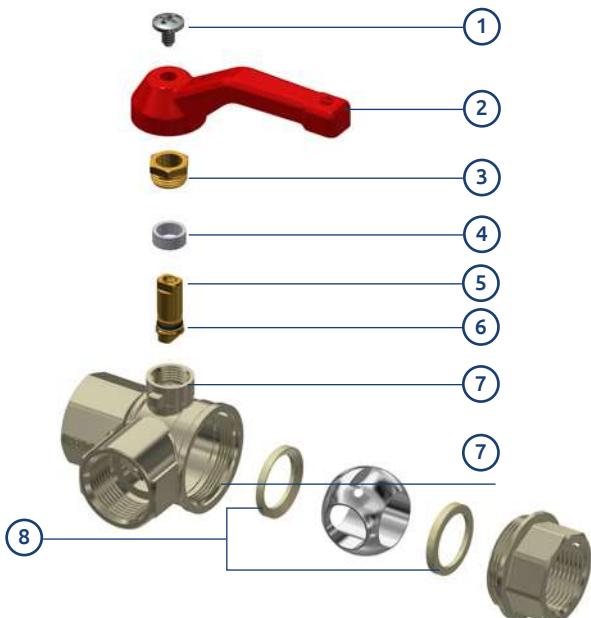
MADE IN ITALY

- Valvola a sfera in ottone tutta nichelata.
- Installazione in impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- Installazione in impianti di media pressione di distribuzione acqua.
- *Nickel-plated brass ball valve.*
- *Installation in industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.*
- *Installation in medium pressure water distribution systems.*



- Pressione di esercizio: 16 bar.
- Temperatura di esercizio: -30°C + 150°C.
- Filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta:
 - valvole da 1/2" a 2" asta assemblata dall'interno con 1 OR in EPDM Perox, premistoppa in PTFE, e regolabile con ghiera;
 - valvole 3/8" asta assemblata dall'esterno con premistoppa in PTFE e regolabile con ghiera.
- Tenuta sulla sfera con 2 sedi in PTFE.

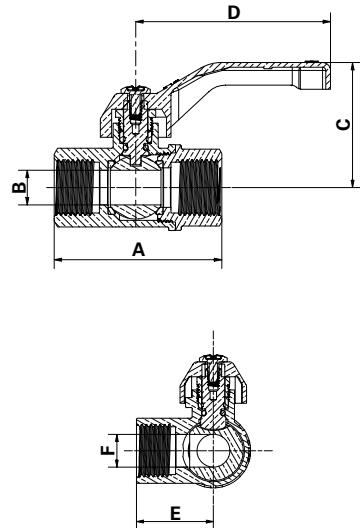
- Working pressure: 16 bar.
- Working temperature: -30°C + 150°C.
- Threads cylindrical threads according to ISO 228-1.
- Seal on the stem:
 - valves from 1/2" to 2" stem assembled from inside with 1 OR in EPDM Perox, PTFE gasket and adjustable screw gland;
 - 3/8" valves stem assembled from outside with PTFE gasket and and adjustable screw gland.
- Seal on the ball with 2 gaskets in PTFE.



1. Vite in acciaio AISI 430.
2. Leva in alluminio.
3. Ghiera in CW614N EN12164.
4. Anello premistoppa PTFE.
5. Asta in CW614N EN12164.
6. O-ring in EPDM PEROX.
7. Corpo valvola CW617N EN12165 nichelato.
8. Sede in PTFE.
9. Sfera in CW617N cromato.
10. Manicotto in CW617N EN12165 nichelato.
1. Screw in steel AISI 430.
2. Aluminum lever handle.
3. CW614N UNI EN 12164 packing gland.
4. PTFE ring seal.
5. CW614N UNI EN 12164 stem.
6. EPDM PEROX O-ring.
7. Body valve: CW617N UNI EN 12165 nickel-plated.
8. PTFE gasket.
9. CW617N UNI EN 12165 chrome-plated ball.
10. CW617N UNI EN 12165 nickel-plated.



Con leva in alluminio
With aluminium steel lever

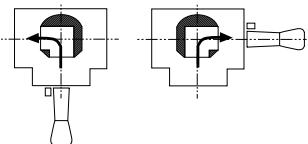


Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	E mm	F mm	Conf. num. pezzi <i>Pack. num. pieces</i>
	181C3/8C5R	16	48,5	11	45	73	23,5	10	10/120
	181D1/2C5R	16	63	13	47	73	30,5	13	6/72
	181E3/4C5R	16	69,5	20	51	73	34,5	17	5/60
	181F001C5R	16	85	25	68	90	45	22,5	10
	181G11/4C5R	16	103	32	69,5	111	51,5	26,5	6
	181H11/2C5R	16	116,5	40	104,5	200	59,5	35	6
	181I002C5R	16	128	45	113	200	69	45	6

182**Valvole a sfera a 3 vie, rotazione sfera L - 90°***3-way ball valves, ball rotation L - 90°***PN16**

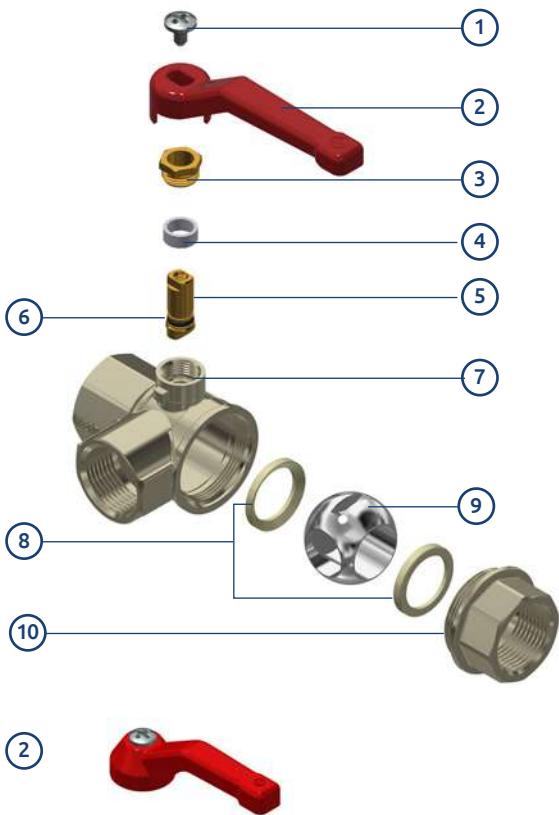
MADE IN ITALY

- Valvola a sfera in ottone tutta nichelata.
- Installazione in impianti di riscaldamento industriale e civile, impianti pneumatici e per fluidi non aggressivi.
- Installazione in impianti di media pressione di distribuzione acqua.
- *Nickel-plated brass ball valve.*
- *Installation in industrial and civil heating systems, pneumatic systems and for non-aggressive fluids.*
- *Installation in medium pressure water distribution systems.*



- Pressione di esercizio: 16 bar.
- Temperatura di esercizio: -30°C + 150°C.
- Filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta:
 - valvole da 1/2" a 2" asta assemblata dall'interno con 1 OR in EPDM Perox, premistoppa in PTFE, e regolabile con ghiera;
 - valvole 3/8" asta assemblata dall'esterno con premistoppa in PTFE e regolabile con ghiera.
- Tenuta sulla sfera con 2 sedi in PTFE.

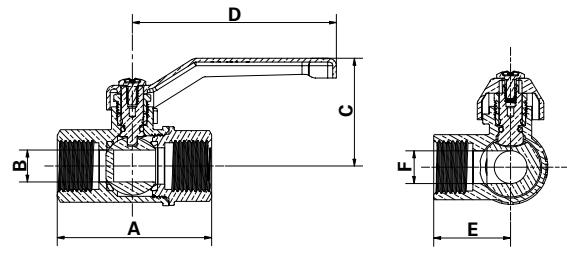
- Working pressure: 16 bar.
- Working temperature: -30°C + 150°C.
- Threads cylindrical threads according to ISO 228-1.
- Seal on the stem:
 - valves from 1/2" to 2" stem assembled from inside with 1 OR in EPDM Perox, PTFE gasket and adjustable screw gland;
 - 3/8" valves stem assembled from outside with PTFE gasket and adjustable screw gland.
- Seal on the ball with 2 gaskets in PTFE.



1. Vite in acciaio AISI 430.
 2. Leva in alluminio o in acciaio.
 3. Ghiera in CW614N EN12164.
 4. Anello premistoppa PTFE.
 5. Asta in CW614N EN12164.
 6. O-ring in EPDM PEROX.
 7. Corpo valvola CW617N EN12165 nichelato.
 8. Sede in PTFE.
 9. Sfera in CW617N cromato.
 10. Manicotto in CW617N EN12165 nichelato.
1. Screw in steel AISI 430.
 2. Aluminum or steel lever handle.
 3. CW614N UNI EN 12164 packing gland.
 4. PTFE ring seal.
 5. CW614N UNI EN 12164 stem.
 6. EPDM PEROX O-ring.
 7. Body valve: CW617N UNI EN 12165 nickel-plated.
 8. PTFE gasket.
 9. CW617N UNI EN 12165 chrome-plated ball.
 10. CW617N UNI EN 12165 nickel-plated.



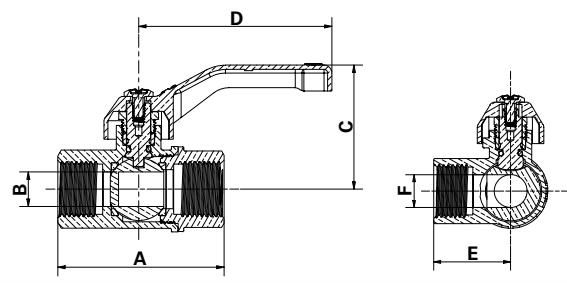
Con leva in acciaio imbutita
With drawn steel lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	E mm	F mm	Conf. num. pezzi <i>Pack. num. pieces</i>
3/8"	182C3/8C1R	182C3/8C1B	16	48,5	11	44	83	23,5	10
1/2"	182D1/2C1R	182D1/2C1B	16	63	13	44	83	30,5	13
3/4"	182E3/4C1R	182E3/4C1B	16	69,5	20	48	83	34,5	17
1"	182F001C1R	182F001C1B	16	85	25	68	90	45	22,5
1 1/4"	182G11/4C1R	182G11/4C1B	16	103	32	73	90	51,5	26,5
1 1/2"	182H11/4C1R	182H11/4C1B	16	116,5	40	82	160	59,5	35
2"	182I002C1R	182I002C1B	16	128	45	90,5	160	69	45



Con leva in alluminio
With drawn aluminium lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	E mm	F mm	Conf. num. pezzi <i>Pack. num. pieces</i>
3/8"	182C3/8C5R	16	48,5	11	44	83	23,5	10	10/120
1/2"	182D1/2C5R	16	63	13	44	83	30,5	13	6/72
3/4"	182E3/4C5R	16	69,5	20	48	83	34,5	17	5/60
1"	182F001C5R	16	85	25	68	90	45	22,5	10
1 1/4"	182G11/4C5R	16	103	32	73	90	51,5	26,5	6
1 1/2"	182H11/2C5R	16	116,5	40	82	160	59,5	35	6
2"	182I002C5R	16	128	45	90,5	160	69	45	6





MINI VALVOLE
MINI-VALVES

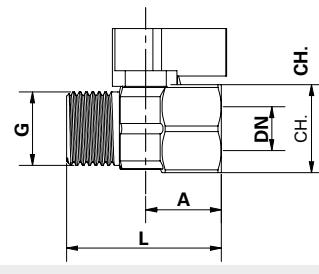
389-A389**Valvole mini sfera maschio/femmina***Male/female mini ball valves***PN10**

MADE IN ITALY

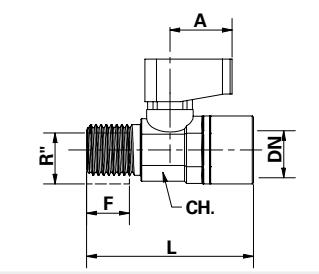
- Mini valvole a sfera in ottone cromate.
- Installazione in impianti in medio-bassa pressione di distribuzione acqua, impianti pneumatici e per fluidi non aggressivi.
- *Chrome-plated brass ball valves.*
- *Installation in medium-low pressure water distribution systems, pneumatic and non-aggressive fluids systems.*

- Temperatura di esercizio:
 - Serie 389: 5°C / +90°C (escluso gelo);
 - Serie A389: -20°C / +80°C;
- Filettatura:
 - Serie 389: Gas ISO 228/1;
 - Serie A389: maschio R ISO 7/1 femmina RP ISO7/1.

- *Working temperature:*
 - 389 series: 5°C / +90°C (excluding frost);
 - A389 series: 20°C / +80°C.
- *Thread:*
 - 389 series: Gas ISO 228/1;
 - A389 series: male R ISO7/1 female RP ISO7/1.



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	DN	A mm	L mm	CH. mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/4"	389B1/4	10	8	20,9	40,5	22	25/300
3/8"	389C3/8	10	8	20,9	40,5	22	20/240
1/2"	389D1/2	10	10	22,5	44	25	15/180
3/4"	389E3/4	10	12	27	51	30	15/180



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	DN	A mm	L mm	F mm	CH. mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/4"	A389B1/4	20	6	19	43	11	14-15	10
3/8"	A389C3/8	20	8	19	46	11,4	18-19	10
1/2"	A389D1/2	20	10	26	57	15	22-23	10
3/4"	A389E3/4	10	14	50	63	16,3	28-30	5

390-A390

Valvole mini sfera femmina/femmina

Female/female mini ball valves

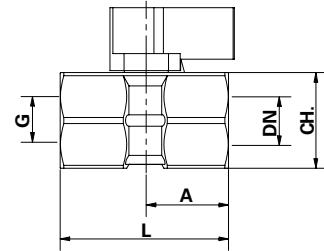
PN10

MADE IN ITALY

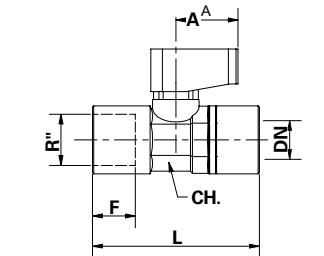
- Mini valvole a sfera in ottone cromate.
- Installazione in impianti in medio-bassa pressione di distribuzione acqua, impianti pneumatici e per fluidi non aggressivi.
- Chrome-plated brass ball valves.
- Installation in medium-low pressure water distribution systems, pneumatic and non-aggressive fluids systems.

- Temperatura di esercizio:
 - Serie 390: 5°C / +90°C (escluso gelo);
 - Serie A390: -20°C / +80°C.
- Filettatura:
 - Serie 390: Gas ISO 228/1;
 - Serie A390: femmina RP ISO7/1.

- Working temperature:
 - 390 series: 5°C / +90°C (excluding frost);
 - A390 series: -20°C / +80°C.
- Thread:
 - 390 series: Gas ISO 228/1;
 - A390 series: female RP ISO7/1.



Attacchi Connections	Codice prodotto Product code	PN	DN	A mm	L mm	CH.	Conf. num. pezzi Pack. num. pieces
1/4"	390B1/4	10	8	20,9	40,5	22	25/300
3/8"	390C3/8	10	8	20,9	40,5	22	20/240
1/2"	390D1/2	10	12	27	51	30	15/180



Attacchi Connections	Codice prodotto Product code	PN	DN	A mm	L mm	F mm	CH.	Conf. num. pezzi Pack. num. pieces
1/4"	A390B1/4	20	6	19	43	11	14-15	10
3/8"	A390C3/8	20	8	19	47	11,4	18-19	10
1/2"	A390D1/2	20	10	26	59	15	22-23	10



VALVOLE A SFERA PER GAS
BALL VALVES FOR GAS

 380

Valvole a sfera femmina/femmina

Female/female ball valves

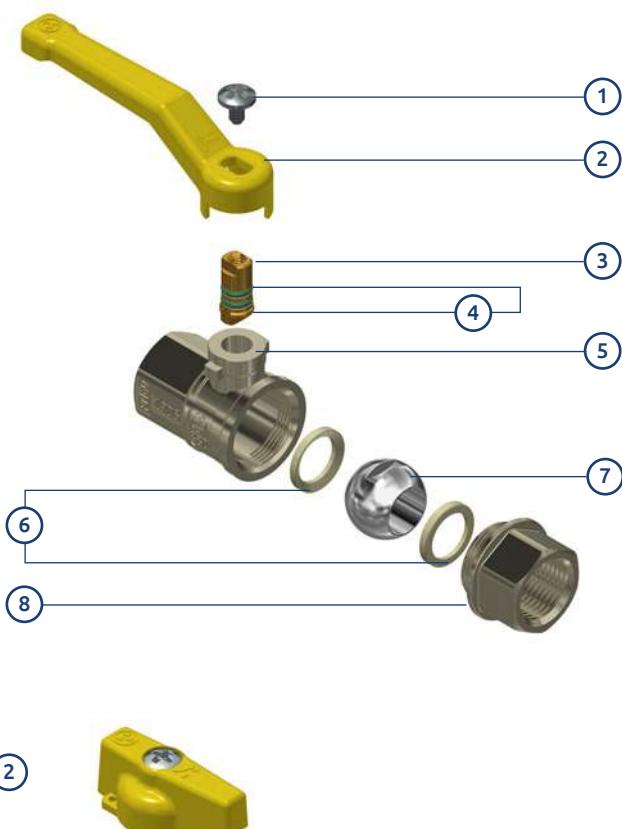
PN5

MADE IN ITALY

- Valvole a sfera in ottone tutte nichelate.
- Installazione in impianti di distribuzione del gas della 1^a - 2^a - 3^a famiglia
- Brass ball valves all nickel-plated.
- Suitable for 1st - 2nd - 3rd family gas distribution systems.

- Pressione di esercizio: 5 bar.
- Temperatura di esercizio: -20°C + 60°C.
- Filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta: asta assemblata dall'interno con 2 OR in VITON.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: 5 bar.
- Working temperature: -20°C + 60°C.
- Cylindrical threads according to ISO 228-1.
- Seal on the stem: stem assembled from inside with 2 OR in VITON.
- Seal on the ball with 2 gaskets in PTFE.

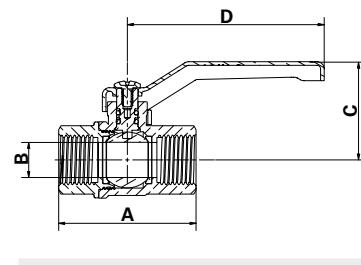


1. Vite in acciaio AISI 430.
2. Leva in acciaio o manopola in alluminio.
3. Asta in CW614N UNI EN 12164.
4. O-ring in VITON.
5. Corpo valvola CW617N UNI EN 12165.
6. Sede in PTFE.
7. Sfera in CW617N UNI EN 12165 cromata.
8. Manicotto in CW617N UNI EN 12165.

1. Steel AISI 430 screw.
2. Lever handle steel or aluminum knob;
3. CW614N UNI EN 12164 stem.
4. VITON O-ring.
5. CW617N UNI EN 12165 body valve.
6. PTFE gasket.
7. CW617N UNI EN 12165 chrome-plated ball.
8. CW617N UNI EN 12165 end adaptor.



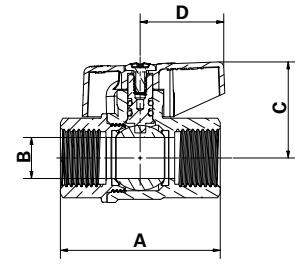
Con leva in acciaio imbutita
With drawn steel lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/4"	380B1/4C1G	5	48	11	44	83	12/144
3/8"	380C3/8C1G	5	48	11	44	83	12/144
1/2"	380D1/2C1G	5	58	15	45	83	10/120
3/4"	380E3/4C1G	5	66	20	48	83	6/72
1"	380F001C1G	5	80	25	68	90	4/48
1 1/4"	380G11/4C1G	5	97	32	73	90	10
1 1/2"	380H11/2C1G	5	107	40	82	160	10
2"	380I002C1G	5	131	50	90	160	10



Con manopola in alluminio
With aluminum handle



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A $\pm 1\text{mm}$	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/4"	380B1/4C2G	5	48	11	34	31,5	12/144
3/8"	380C3/8C2G	5	48	11	34	31,5	12/144
1/2"	380D1/2C2G	5	58	15	40	31,5	10/120
3/4"	380E3/4C2G	5	66	20	43,5	31,5	6/72
1"	380F001C2G	5	80	25	54	42,5	4/48
1 1/4"	380G11/4C2G	5	97	32	68	42,5	10

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Valvole a sfera maschio/femmina

Male/female ball valves

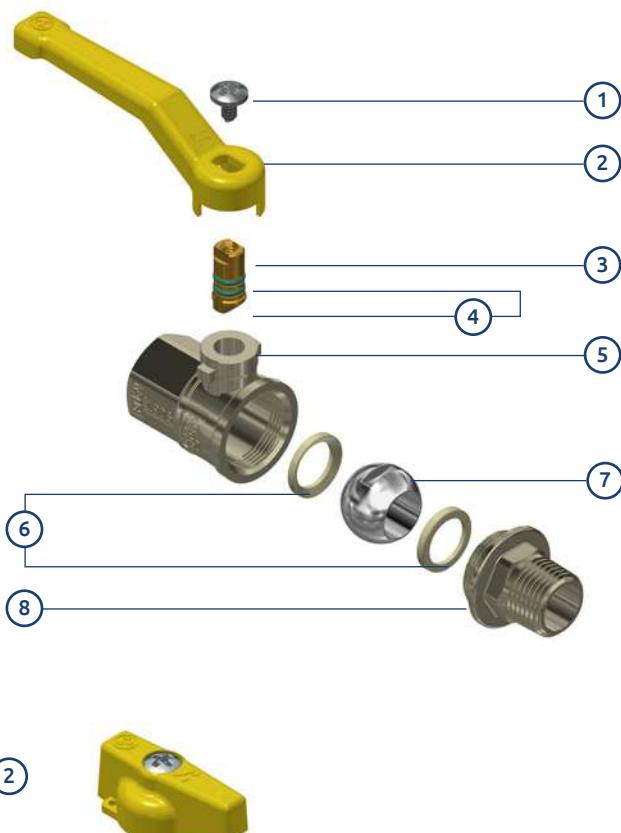
PN5



- Valvole a sfera in ottone tutte nichelate.
- Installazione in impianti di distribuzione del gas della 1^a - 2^a - 3^a famiglia
- Brass ball valves all nickel-plated.
- Suitable for 1st - 2nd - 3rd family gas distribution systems.

- Pressione di esercizio: 5 bar.
- Temperatura di esercizio: -20°C + 60°C.
- Filetti cilindrici secondo norma ISO 228-1 (corpo).
- Filetto conico secondo norma ISO 7/1 (manicotto).
- Tenuta sull'asta: asta assemblata dall'interno con 2 OR in VITON.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: 5 bar.
- Working temperature: -20°C + 60°C.
- Cylindrical threads according to ISO 228-1 (body).
- Conical thread according to ISO 7/1 (end adaptor).
- Seal on the stem: stem assembled from inside with 2 OR in VITON.
- Seal on the ball with 2 gaskets in PTFE.

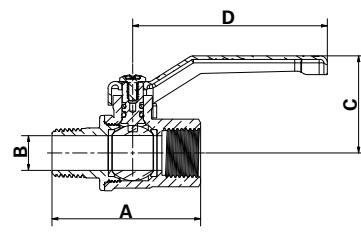


1. Vite in acciaio AISI 430.
2. Leva in acciaio o manopola in alluminio.
3. Asta in CW614N UNI EN 12164.
4. O-ring in VITON.
5. Corpo valvola CW617N UNI EN 12165 nichelata sulla superficie esterna.
6. Sede in PTFE.
7. Sfera in CW617N UNI EN 12165 cromata.
8. Manicotto in CW617N UNI EN 12165 nichelato sulla superficie esterna.

1. Steel AISI 430 screw.
2. Lever handle steel or aluminum knob.
3. CW614N UNI EN 12164 stem.
4. VITON O-ring.
5. CW617N UNI EN 12165 body valve, nickel-plated.
6. PTFE gasket.
7. CW617N UNI EN 12165 chrome-plated ball.
8. CW617N UNI EN 12165 end adaptor, nickel-plated.



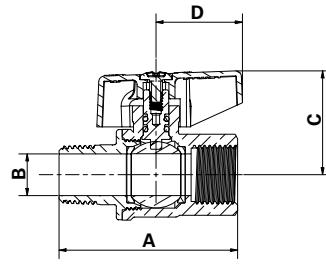
Con leva in acciaio imbutita
With drawn steel lever



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/4"	382B1/4C1G	5	48	11	44	83	12/144
3/8"	382C3/8C1G	5	48	11	44	83	12/144
1/2"	382D1/2C1G	5	58	15	45	83	10/120
3/4"	382E3/4C1G	5	66	20	48	83	6/72
1"	382F001C1G	5	80	25	68	90	4/48
1 1/4"	382G11/4C1G	5	97	32	73	90	10
1 1/2"	382H11/2C1G	5	107	40	82	160	10
2"	382I002C1G	5	131	50	90	160	9



Con manopola in alluminio
With aluminum handle



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A ±1mm	B mm	C mm	D mm	Conf. num. pezzi <i>Pack. num. pieces</i>
1/4"	382B1/4C2G	5	48	11	34	31,5	12/144
3/8"	382C3/8C2G	5	48	11	34	31,5	12/144
1/2"	382D1/2C2G	5	58	15	40	31,5	10/120
3/4"	382E3/4C2G	5	66	20	43,5	31,5	6/72
1"	382F001C2G	5	80	25	54	42,5	4/48
1 1/4"	382G11/4C2G	5	97	32	68	42,5	10

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Valvole a sfera ad angolo maschio/femmina

Elbow male/female ball valves

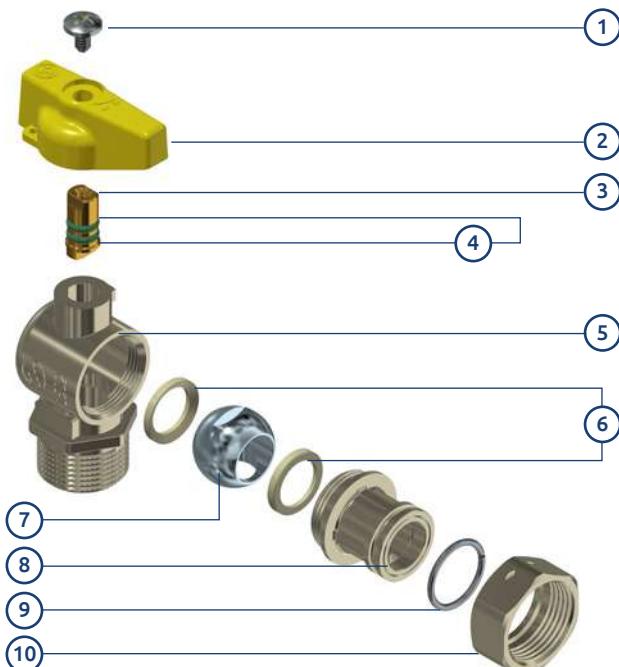
PN5


MADE IN ITALY

- Valvole a sfera in ottone tutte nichelate.
- Installazione in impianti di distribuzione del gas della 1^a - 2^a - 3^a famiglia
- Brass ball valves all nickel-plated.
- Suitable for 1st - 2nd - 3rd family gas distribution systems.

- Pressione di esercizio: 5 bar.
- Temperatura di esercizio: -20°C + 60°C.
- Filetti cilindrici secondo norma ISO 228-1.
- Tenuta sull'asta: asta assemblata dall'interno con 2 OR in VITON.
- Tenuta sulla sfera con 2 sedi in PTFE.

- Working pressure: 5 bar.
- Working temperature: -20°C + 60°C.
- Cylindrical threads according to ISO 228-1.
- Seal on the stem: stem assembled from inside with 2 OR in VITON.
- Seal on the ball with 2 gaskets in PTFE.

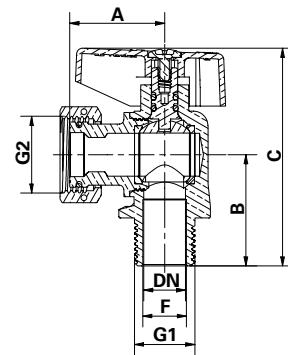


1. Vite in acciaio AISI 430.
2. Manopola in alluminio,
3. Asta in CW614N UNI EN 12164.
4. O-ring in VITON.
5. Corpo valvola CW617N UNI EN 12165.
6. Sede in PTFE.
7. Sfera in CW617N UNI EN 12165 cromata.
8. Manicotto in CW617N UNI EN 12165.
9. Anello elastico acciaio
10. Dado CW617N UNI EN 12165

1. Steel AISI 430 screw.
2. Aluminum knob;
3. CW614N UNI EN 12164 stem.
4. VITON O-ring.
5. CW617N UNI EN 12165 body valve.
6. PTFE gasket.
7. CW617N UNI EN 12165 chrome-plated ball.
8. CW617N UNI EN 12165 end adaptor.
9. Elastic ring steel
10. Nut CW617N UNI EN 12165



Con manopola in alluminio
With aluminum handle



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	DN	A ±0,5 mm	B ±0,2 mm	C mm	F mm	Conf. num. pezzi <i>Pack. num. pieces</i>
G1	G2							
1/2"	1/2"	353D1/2C2G1/2	5	15	34,75	38,3	73	15
3/4"	3/4"	353E3/4C2G3/4	5	15	32,65	38,3	73	20





VALVOLE SARACINESCA

GATE VALVES

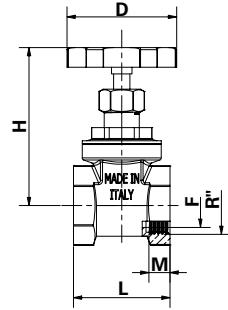
331

Valvole saracinesca

Gate valves

- Installazione in impianti di riscaldamento, condizionamento, settore agricolo, igienico-sanitari e in generale con ogni fluido non corrosivo.
- Installation in heating, air conditioning, agricultural, sanitation and in general systems with any non-corrosive fluid.*

- Temperatura di esercizio: 0°C / +80°C (escluso gelo / assenza di vapore).
- Working temperature: 0°C / +80°C (no frost / no steam).*



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	DN	L mm	H mm	D mm	F mm	M mm
1/2"	331D1/2	16	15	38	68	45	15	9
3/4"	331E3/4	16	20	44	76	50	19	10
1"	331F001	16	25	48	90	55	24	11
1"1/4	331G11/4	16	32	52	108	60	32	12
1"1/2	331H11/2	16	40	58	126	70	37	13
2"	331I002	16	50	62	146	80	47	13
2"1/2	331L21/2	16	65	63	175	100	60	13
3"	331M003	16	80	74	196	100	71	14
4"	331N004	16	100	83	230	120	91	16







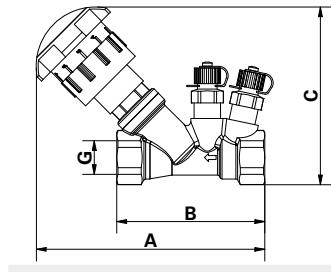
VALVOLE DI BILANCIAMENTO *BALANCING VALVES*

112**Valvole di bilanciamento***Balancing valves***PN20**

- Installazione in impianti di riscaldamento industriale e civile.
- Installation in industrial and civil heating systems.

• Temperatura di esercizio: -10°C +160°C.

• Working temperature: -10°C +160°C.



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A mm	B mm	C mm
1/2"	112D1/2	20	139	76	118
3/4"	112E3/4	20	142	83	122
1"	112F001	20	155	98	132
1"1/4	112G11/4	20	169	115	141
1"1/2	112H11/2	20	177	129	153
2"	112I002	20	198	152	172





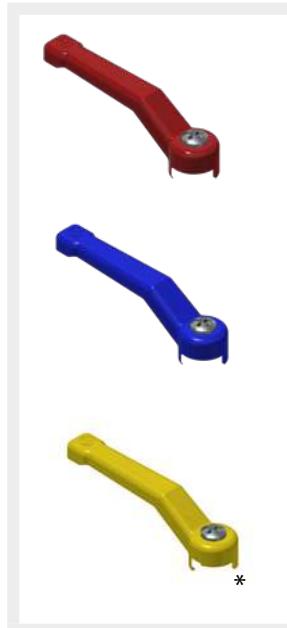
RICAMBI
SPARE PARTS

Leve di ricambio per valvole e rubinetti a sfera

Spare levers

Leva standard in acciaio imbutita

Standard drawn steel lever



* Leva in colore giallo disponibile solo per valvole a sfera gas.
 * Yellow lever available only for gas ball valves.

Serie valvola Valve series	Attacchi Connections	Codici leve Levers codes
186	1/2"	66830 67185 -
	3/4"	66830 67185 -
	1"	66830 67185 -
178 / 182	3/8"	66830 67185 -
	1/2"	66830 67185 -
	3/4"	66830 67185 -
	1"	66835 67180 -
	1" 1/4	66835 67180 -
	1" 1/2	66825 66820 -
	2"	66825 66820 -
	3/8"	66830 67185 -
300	1/2"	66830 67185 -
	3/4"	66830 67185 -
	1"	66835 67180 -
	1" 1/4	66835 67180 -
	1" 1/2	66835 67180 -
	2"	66825 66820 -
	2" 1/2	66825 66820 -
	3"	67355 -
370 / 372	3/8"	66830 67185 -
	1/2"	66830 67185 -
	3/4"	66830 67185 -
	1"	66835 67180 -
	1" 1/4	66835 67180 -
	1" 1/2	66835 67180 -
	2"	66825 66820 -
	3/8"	66830 67185 -
374	1/2"	66830 67185 -
	3/4"	66830 67185 -
	1"	66835 67180 -
	1/4"	66830 67185 67430
	3/8"	66830 67185 67430
	1/2"	66830 67185 67430
	3/4"	66830 67185 67430
	1"	66835 67180 66840
380 / 382	1" 1/4	66835 67180 66840
	1" 1/2	66825 66820 67655
	2"	66825 66820 67655
	2" 1/2	67355 - -
	3"	67355 - -
	4"	67355 - -
	1/2"	66830 67185 -
	3/4"	66830 67185 -
462	1"	66835 67180 -
	1/2"	66830 67185 -
	3/4"	66830 67185 -
	1"	66835 67180 -
	1/2"	66830 67185 -
	3/4"	66830 67185 -
	1"	66835 67180 -
	1" 1/4	66835 67180 -
376 / 377	1" 1/2	66835 67180 -
	2"	66825 66820 -
	3/8"	66830 67185 -
	1/2"	66830 67185 -

Manopola in alluminio Aluminum knob



* Leva in colore giallo disponibile solo per valvole a sfera gas.
 * Yellow lever available only for gas ball valves.

Serie valvola Valve series	Attacchi Connections	Codici manopole Knob codes			
186	1/2"	66685	66775	-	66770
	3/4"	66685	66775	-	66770
	1"	66685	66775	-	66770
352 / 353	1/2"	66685	66775	-	66770
	3/4"	66685	66775	-	66770
362 / 363	1/2"	66685	66775	-	66770
	3/4"	66685	66775	-	66770
	1"	66690	66695	-	
	3/8"	66685	66775	-	66770
300	1/2"	66685	66775	-	66770
	3/4"	66685	66775	-	66770
	1"	66690	66695	-	-
	1" 1/4	66690	66695	-	-
	1" 1/2	-	-	-	-
	2"	-	-	-	-
	2" 1/2	-	-	-	-
	3"	-	-	-	-
370 / 372	3/8"	66685	66775	-	66770
	1/2"	66685	66775	-	66770
	3/4"	66685	66775	-	66770
	1"	66690	66695	-	-
	1" 1/4	66690	66695	-	-
	1" 1/2	-	-	-	-
374	2"	-	-	-	-
	1/2"	66685	66775	-	66770
	3/4"	66685	66775	-	66770
	1"	66690	66695	-	
380 / 382	1/4"	66685	66775	67190	66770
	3/8"	66685	66775	67190	66770
	1/2"	66685	66775	67190	66770
	3/4"	66685	66775	67190	66770
	1"	66690	66695	69270	
	1" 1/4	68010	68005	69270	
	1/2"	66685	66775	-	66770
	3/4"	66685	66775	-	66770
462	1"	66690	66695	-	
	1/2"	66685	66775	-	66770
	3/4"	66685	66775	-	66770
376 / 377	1"	66690	66695	-	
	1/2"	66685	66775	-	66770
	3/4"	66685	66775	-	66770
	1"	66690	66695	-	

Leva piatta in acciaio
Steel flat lever



Serie valvola <i>Valve series</i>	Attacchi <i>Connections</i>	Codici leve <i>Levers codes</i>
186	1/2"	67485
	3/4"	67485
	1"	67485
	3/8"	67485
	1/2"	67485
	3/4"	67485
300	1"	68570
	1" 1/4	68570
	1" 1/2	68570
	2"	69030
	2" 1/2	-
	3"	-
370 / 372	3/8"	67485
	1/2"	67485
	3/4"	67485
	1"	68570
	1" 1/4	68570
	1" 1/2	68570
374	2"	68960
	1/2"	67485
	3/4"	67485
	1"	68570
	1/4"	67485
	3/8"	67485
380 / 382	1/2"	67485
	3/4"	67485
	1"	68570
	1" 1/4	68570
	1" 1/2	68960
	2"	69030
462	1/2"	67485
	3/4"	67485
	1"	68570
	1/2"	67485
	3/4"	67485
	1"	68570
376 / 377	1" 1/4	68570
	1" 1/2	68570

Leva piatta in acciaio inox AISI 430
AISI 430 stainless steel flat handle



Serie valvola Valve series	Attacchi Connections	Codici leve Levers codes
186	1/2"	67905
	3/4"	67905
	1"	67905
300	3/8"	67905
	1/2"	67905
	3/4"	67905
	1"	67480
	1" 1/4	67480
	1" 1/2	67480
	2"	68965
370 / 372	3/8"	67905
	1/2"	67905
	3/4"	67905
	1"	67480
	1" 1/4	67480
374	1" 1/2	67480
	2"	67490
	1/2"	67905
	3/4"	67905
	1"	67480
380 / 382	1/4"	67905
	3/8"	67905
	1/2"	67905
	3/4"	67905
	1"	67480
	1" 1/4	67480
	1" 1/2	67490
462	2"	68965
	1/2"	67905
	3/4"	67905
	1"	67480
376 / 377	1/2"	67905
	3/4"	67905
	1"	67480
	1" 1/4	67480
	1" 1/2	67480

Leva in alluminio
Drawn steel lever



Serie valvola Valve series	Attacchi Connections	Codici leve Levers codes
186	1/2"	68970
	3/4"	68970
	1"	68970
181	3/8"	67690
	1/2"	67690
	3/4	67690
	1"	69275
	1" 1/4	67695
	1" 1/2"	68950
178/182	2"	68950
	3/8"	68970
	1/2"	68970
	3/4"	68970
	1"	68955
	1" 1/4	68980
300	1" 1/2	69035
	2"	69035
	3/8"	68970
	1/2"	68970
	3/4"	68970
	1"	68955
370 / 372	1" 1/4	68980
	1" 1/2	68980
	2"	69035
	1/2"	68970
	3/4"	68970
	1"	68955
374	1" 1/4	68980
	1" 1/2	68980
	2"	69035
	1/2"	68970
	3/42	68970
	1"	68955
380 / 382	1/4"	68970
	3/8"	68970
	1/2"	68970
	3/4"	68970
	1"	68955
	1" 1/4	68980
462	1" 1/2	69035
	2"	69035
	1/2"	68970
	3/4"	68970
	1"	68955
	1/2"	68970
376 / 377	3/4"	68970
	1"	68955
	1" 1/4	68980
	1" 1/2	68980
	2"	69035

Farfalla in ottone o nichelata
Brass or nickel-plated butterfly handle



Serie valvola Valve series	Attacchi Connections	OTTONE/BRASS Codici/Codes		NICHELATA/NICKEL-PLATED Codici/Codes	
		blocco blocking	aperto/chiuso open/close	blocco blocking	aperto/chiuso open/close
186	1/2"	69005	69005/2	69005N	69005N/2
	3/4"	69005	69005/2	69005N	69005N/2
	1"	69005	69005/2	69005N	69005N/2
352 / 353	1/2"	69005	69005/2	69005N	69005N/2
	3/4"	69005	69005/2	69005N	69005N/2
362 / 363	1/2"	69005	69005/2	69005N	69005N/2
	3/4"	69005	69005/2	69005N	69005N/2
300	3/8"	69005	69005/2	69005N	69005N/2
	1/2"	69005	69005/2	69005N	69005N/2
	3/4"	69005	69005/2	69005N	69005N/2
370 / 372	3/8"	69005	69005/2	69005N	69005N/2
	1/2"	69005	69005/2	69005N	69005N/2
	3/4"	69005	69005/2	69005N	69005N/2
374	1/2"	69005	69005/2	69005N	69005N/2
	3/4"	69005	69005/2	69005N	69005N/2
380 / 382	1/4"	69005	69005/2	69005N	69005N/2
	3/8"	69005	69005/2	69005N	69005N/2
	1/2"	69005	69005/2	69005N	69005N/2
462	3/4"	69005	69005/2	69005N	69005N/2
	1/2"	69005	69005/2	69005N	69005N/2
376 / 377	3/4"	69005	69005/2	69005N	69005N/2
	1/2"	69005	69005/2	69005N	69005N/2

Quadro in ottone
Lockable square head



Serie valvola Valve series	Attacchi Connections	blocco blocking	Codici/Codes <i>aperto/chiuso open/close</i>
186	1/2"	R2605	R2605/2
	3/4"	R2605	R2605/2
	1"	R2605	R2605/2
352 / 353	1/2"	R2605	R2605/2
	3/4"	R2605	R2605/2
362 / 363	1/2"	R2605	R2605/2
	3/4"	R2605	R2605/2
	1"	R2606/1	R2606/3
300	3/8"	R2605	R2605/2
	1/2"	R2605	R2605/2
	3/4"	R2605	R2605/2
	1"	R2606/1	R2606/3
	1" 1/4	R2606/1	R2606/3
370 / 372	1" 1/2	R2606/1	R2606/3
	3/8"	R2605	R2605/2
	1/2"	R2605	R2605/2
	3/4"	R2605	R2605/2
	1"	R2606/1	R2606/3
374	1" 1/4	R2606/1	R2606/3
	1" 1/2	R2606/1	R2606/3
	1/2"	R2605	R2605/2
380 / 382	3/4"	R2605	R2605/2
	1"	R2606/1	R2606/3
	1" 1/4	R2606/1	R2606/3
	1/4"	R2605	R2605/2
	3/8"	R2605	R2605/2
376 / 377	1/2"	R2605	R2605/2
	3/4"	R2605	R2605/2
	1"	R2606/1	R2606/3
	1" 1/4	R2606/1	R2606/3
	1" 1/2	R2606/1	R2606/3



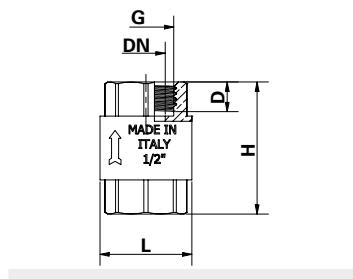


ACCESSORI
ACCESSORIES

293**PN10****Valvole di ritegno e/o di fondo***Check valves*

- Adatte all'installazione in impianti idraulici (industriali ed agricoli), impianti di riscaldamento, (a radiatori, a pannelli) centrali termiche (caldaie murali, caldaie a basamento, caldaie a legna, pompe di calore).
- Suitable for installation in plumbing systems (industrial and agricultural), heating systems, (radiators, panels) thermal power plants (wall-mounted boilers, floor-standing boilers, wood boilers, heat pumps).*

• Temperatura di esercizio: -20°C / +100°C.

• *Working temperature: -20°C / +100°C.*

Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	DN	D mm	H mm	L mm
G 3/8" M	293C3/8	12	15	11	45	31
G 1/2" M	293D1/2	12	15	11	45	31
G 3/4" M	293E3/4	12	20	11	50	39
G 1" M	293F001	12	25	14	58	47
G 1" 1/4 M	293G11/4	10	32	17	64	56
G 1" 1/2M	293H11/2	10	40	15	69	66
G 2" M	293I002	10	50	17	77	83
G 2" 1/2 M	293L21/2	8	65	17	87	107
G 3" M	293M003	8	80	21	102	109
G 4" M	293N004	8	100	21	112	140

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Valvole di non ritorno

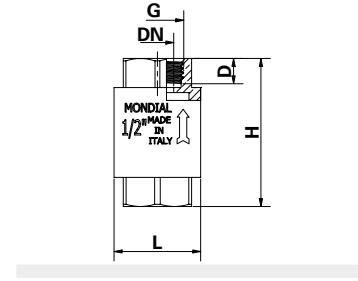
Check valves

PN25

- Adatte all'installazione in impianti idraulici (industriali ed agricoli), impianti di riscaldamento, (a radiatori, a pannelli) centrali termiche (caldaie murali, caldaie a basamento, caldaie a legna, pompe di calore).
- Suitable for installation in plumbing systems (industrial and agricultural), heating systems, (radiators, panels) thermal power plants (wall-mounted boilers, floor-standing boilers, wood boilers, heat pumps).*

• Temperatura di esercizio: -20°C / +100°C.

• *Working temperature: -20°C / +100°C.*



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	DN	D mm	H mm	L mm
G 1/2" M	294D1/2	25	15	11	58,5	34,5
G 3/4" M	294E3/4	25	20	13	65	41,5
G 1" M	294F001	25	25	16	74,5	48
G 1" 1/4 M	294G11/4	18	32	18	83	60,5
G 1" 1/2 M	294H11/2	18	40	21	93	71
G 2" M	294I002	18	50	21	101	87

473

Filtro a Y

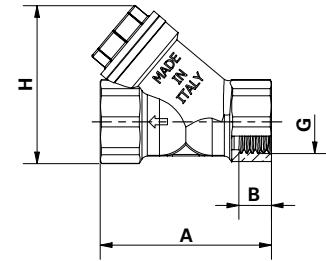
Y filter

PN20

- Adatti all'installazione in impianti idraulici, di riscaldamento, di condizionamento e aria compressa
- Suitable for installation in plumbing, heating, air conditioning and compressed air systems.*

- Temperatura di lavoro: 0 ° C / + 100 ° C.
- Direzione del flusso: indicazione della freccia.
- Filtro in acciaio inox AISI 304: 500 micron da 3/8 "a 2" e 3".
- 1000 micron per 2 1/2 e 4.

- Working temperature: 0°C / +100°C.*
- Flow direction: arrow indication.*
- Strainer in stainless steel AISI 304: 500 micron from 3/8" to 2" and size 3".*
- 1000 micron for 2 1/2 and 4.*



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	PN	A mm	B mm	H mm
G3/8" M	473C3/8	20	49	10	45
G1/2 M	473D1/2	20	55	12	50
G3/4 M	473E3/4	20	64	13	59
G 1 M	473F001	20	76	14	70
G 1 1/4 M	473G11/4	20	96	16	90
G 1 1/2 M	473H11/2	20	101	18	102
G 2 M	473I002	20	120	18	120
G 2 1/2 M	473L21/2	16	149	23	150
G 3 M	473M003	16	168	25	170
G 4 M	473N004	16	216	28	225

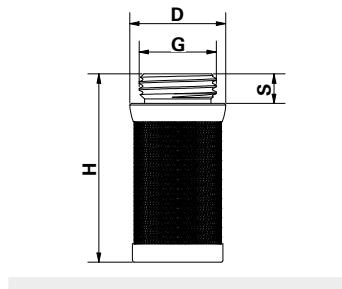
298

Filtri con filetto in ottone Filters with brass connection

- Filtro in acciaio inox con raccordo in ottone.
- Stainless steel filter with brass fitting.

• Temperatura di esercizio: 0°C / +150°C (escluso gelo).

• Working temperature: 0°C / +150°C (excluding frost).



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	H mm	D mm	S mm	Rete <i>Net</i>
G3/8 M	298C3/8	50	22	7	A
G1/2 M	298D1/2	49	26	6	A
G3/4 M	298E3/4	55	32	6,5	A
G 1 M	298F001	63	40	9	A
G 1 1/4 M	298G11/4	69	48	10	A
G 1 1/2 M	298H11/2	79	54	10	A
G 2 M	298I002	94	65	10,3	A
G 2 1/2 M	298L21/2	95	85	11,5	A
G 3 M	298M003	111	99	11,5	A
G 4 M	298N004	128	122	12	A

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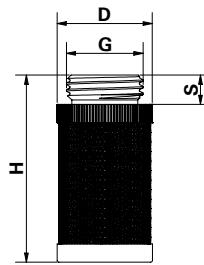
Filtri con filetto in nylon

Filters with nylon connection

- Filtro in acciaio inox con raccordo in nylon.
- *Stainless steel filter with nylon fitting.*

• Temperatura di esercizio: 0°C / +95°C (escluso gelo).

• *Working temperature: 0°C / +95°C (excluding frost).*



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>	H mm	D mm	S mm	Rete <i>Net</i>
G 3/8" M	299C3/8	50	23	7	B
G 1/2" M	299D1/2	50,5	26	8	B
G 3/4" M	299E3/4	58	32	9	B
G 1" M	299F001	63	41	10	B
G 1" 1/4 M	299G11/4	69	49	11	B
G 1" 1/2 M	299H11/2	79	55	11	B
G 2" M	299I002	96,5	67	12	B
G 2" 1/2 M	299L21/2	97	86	13	B
G 3" M	299M003	112	99	14,5	B
G 4" M	299N004	129	122	14	B

836

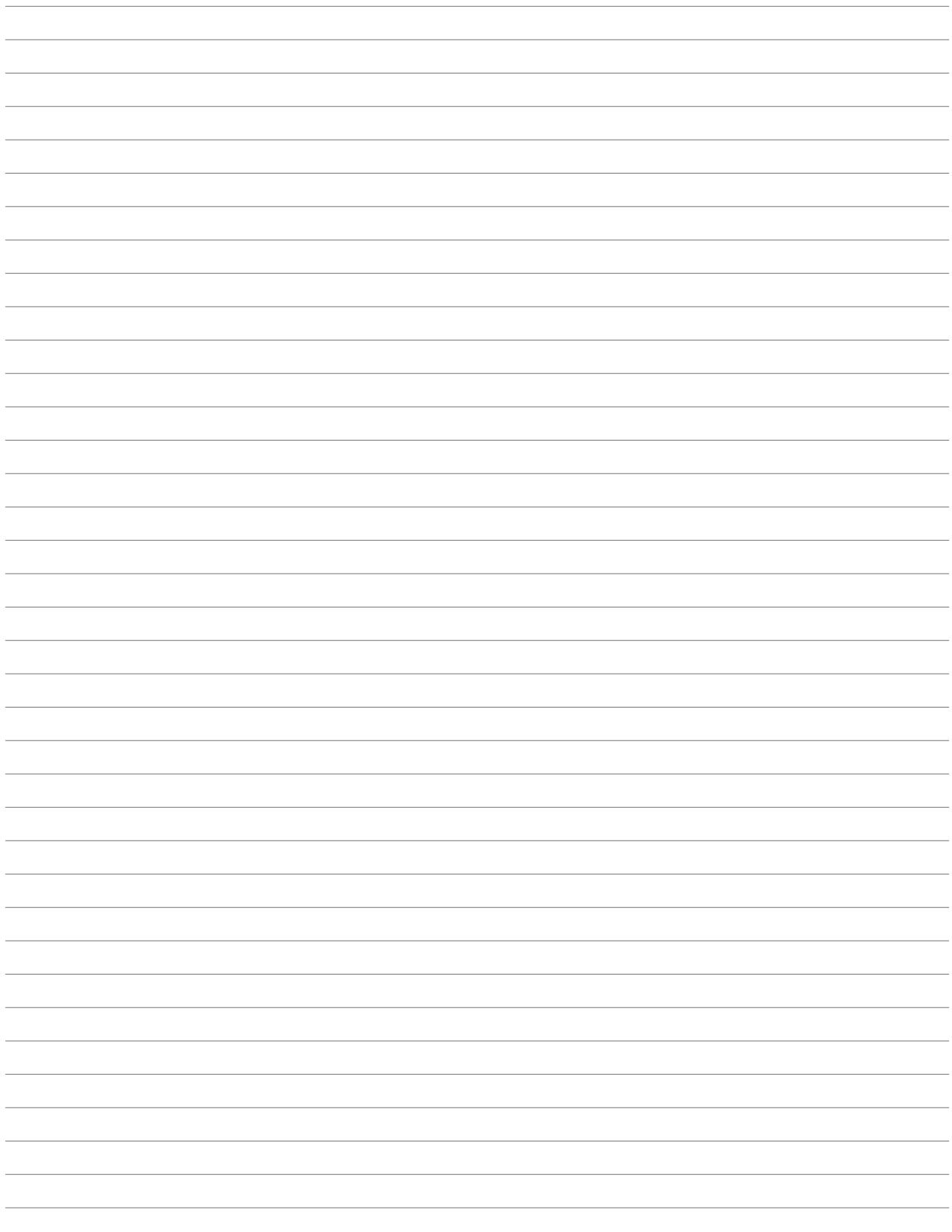
Guscio di isolamento

Insulation shell

- Guscio di coibentazione espanso in PE.
- *Expanded PE insulation shell*



Attacchi <i>Connections</i>	Codice prodotto <i>Product code</i>
1/2"	836D1/2
3/4"	836E3/4
1"	836F001







RACCORDI
FITTINGS



Bocchettoni per raccordi con filetto SAE
Nozzles for connections with SAE thread

Codice prodotto Product code	Ø	Conf. num. pezzi Pack. num. pieces
50540	1/4" SAE	200
50240	3/8" SAE	100
50225	1/2" SAE	100
50032	5/8" SAE	80
51005	3/4" SAE	30
51010	1" SAE	20



Bocchettoni ridotti con filetto SAE
Reduced nozzles for connections with SAE thread

Codice prodotto Product code	Ø	Conf. num. pezzi Pack. num. pieces
50450	3/8"X1/4" SAE	100
61560	1/2"X3/8" SAE	90
51170	5/8"X1/2" SAE	75



Bocchettoni ciechi con filetto SAE
Blind nozzles with SAE thread

Codice prodotto Product code	Ø	Conf. num. pezzi Pack. num. pieces
51030	1/4" SAE	200
64805	3/8" SAE	100
64920	1/2" SAE	100



Riduzioni MF
M/F reduced extension

Codice prodotto Product code	Ø	Conf. num. pezzi Pack. num. pieces
62311	1/4" SAE x 3/8" SAE	75
62306	1/2" SAE x 5/8" SAE	25



Dadi nichelati, ogiva e inserti Eurokono
KIT 2 pz. - tubo multistrato
Nickel plated nuts, olive and Eurokonus inserts
KIT 2 pcs. - Multilayer pipe

Codice prodotto Product code	Ø	Conf. num. pezzi Pack. num. pieces
65505	3/4 16x2	50
66035	3/4 17x2	50
66040	3/4 20x2	50



Dadi nichelati, ogiva e inserti Eurokono

KIT 2 pz. - tubo PE-X

Nickel plated nuts, olive and Eurokonus inserts

KIT 2 pcs. - PE-X pipe

Codice prodotto Product code	Ø	Conf. num. pezzi Pack. num. pieces
65755	3/4 17x2	50
65970	3/4 20x2	50



Nipli ridotti nichelati attacco Eurokono

Nickel plated reduced nipples for Eurokonus connection

Codice prodotto Product code	Ø	Conf. num. pezzi Pack. num. pieces
72180	1/2"X3/4"	60



Manicotti

Sockets

Codice prodotto Product code	Ø	Conf. num. pezzi Pack. num. pieces
65815	1/2"	80
65820	3/4"	50
65825	1"	30



Raccordi a T femmina

Female tee

Codice prodotto Product code	Ø	Conf. num. pezzi Pack. num. pieces
65800	1/2"	40
65805	3/4"	30
65810	1"	20



Riduzioni MF

M/F reduced extensions

Codice prodotto Product code	Ø	Conf. num. pezzi Pack. num. pieces
55040	1"1/2x1"	20
55255	2"x1"1/4	10



Tappi femmina

Female caps

Codice prodotto <i>Product code</i>	Ø	Conf. num. pezzi <i>Pack. num. pieces</i>
57776	1/2"	150
56125	3/4"	80
52365	1"	60
58390	1"1/4	40
51510	1"1/2	35



Tappi con catena in PCV e guarnizione in gomma

Caps with PCV chain and rubber gasket

Codice prodotto <i>Product code</i>	Ø	Conf. num. pezzi <i>Pack. num. pieces</i>
72160	3/4"	50
72165	1"	30



Tappi con quadro, catena in PCV e guarnizione in gomma

Caps with square, PCV chain and rubber gasket

Codice prodotto <i>Product code</i>	Ø	Conf. num. pezzi <i>Pack. num. pieces</i>
72170	3/4"	50



Dadi

Nuts

Codice prodotto <i>Product code</i>	Ø	Conf. num. pezzi <i>Pack. num. pieces</i>
63121	3/8"	200
63710	1/2"	150
58165	3/4"	80
53275	1"	60
58845	1"1/4	40
58180	1"1/2	35
59750	2"	20
59215	2"1/4	15
54680	2"1/2	10
59725	2"3/4	5



Codoli maschio
Male flat nipples

Codice prodotto Product code	Ø	Conf. num. pezzi Pack. num. pieces
58755	1/2"	100
58850	3/4"	60
58505	1"	40
61300	1"1/4	20
59220	1"1/2	10
58950	2"	5



Dadi + codoli maschi
Nuts + male flat nipples

Codice prodotto Product code	Ø	Conf. num. pezzi Pack. num. pieces
71665	1/2"x3/4"	50
71670	3/4"x1"	30
71675	1"x1"1/4	20
71680	1"1/4x1"1/2	15
71685	1"1/2x2"	10
71690	2"x2"1/2	50



Dadi + codoli + guarnizioni per contatori KIT 2 pz.
Nuts + tailes + flat gaskets for counter KIT 2 pcs.

Codice prodotto Product code	Ø	Conf. num. pezzi Pack. num. pieces
64680	1/2"X3/4"	25
64685	3/4"X1"	15



KIT 2 pezzi: dado + bocchettone femmina per pompe
KIT 2 pieces: nut + flat female nipple for pumps

Codice prodotto Product code	Ø	Conf. num. pezzi Pack. num. pieces
71695	1/2"x1"	20
71700	3/4"x1"1/4	15
71705	1"x1"1/2	10
71710	1"1/4x2"	8
71715	1"1/2x2"1/4	5
71720	2"x2"3/4	5



Raccordi diritti femmina/femmina

Female/female straight fittings

Codice prodotto <i>Product code</i>	\emptyset	Conf. num. pezzi <i>Pack. num. pieces</i>
71725	1/2"	20
71730	3/4"	15
71735	1"	10



Raccordi diritti maschio/femmina

Male/female straight fittings

Codice prodotto <i>Product code</i>	\emptyset	Conf. num. pezzi <i>Pack. num. pieces</i>
71235	1/2"	20
71240	3/4"	15
71245	1"	10
71250	1"1/4	5



Raccordi angolo 3 pezzi M/F

M/F three pieces elbow fittings

Codice prodotto <i>Product code</i>	\emptyset	Conf. num. pezzi <i>Pack. num. pieces</i>
71275	1/2"	20
71280	3/4"	15
71285	1"	10
71290	1"1/4	5

Note di installazione

Installation notes

Ogni utilizzazione è un caso particolare e dati i molti parametri in gioco (temperatura, pressione, fluido, ambiente, ecc.), raccomandiamo di fare delle prove e di consultarci precisando bene le condizioni reali di impiego.

- La posizione di "aperto" e "chiuso" è resa visibile dalla leva che risulta rispettivamente allineata o perpendicolare alla tubazione grazie alla sua rotazione di un quarto di giro per l'apertura o la chiusura.
- La valvola a sfera è una valvola di intercettazione, non di regolazione e, quindi, deve essere utilizzata o aperta o chiusa.
- La valvola a sfera non deve essere lasciata in posizioni intermedie in quanto le guarnizioni si possono rovinare, questo soprattutto se la valvola lavora a pressioni e/o a temperature elevate.
- Scegliere le valvole di robustezza idonea per l'applicazione.
- Le tubazioni devono essere allineate e sostenute con appositi fissaggi per evitare che lo sforzo flettente si ripercuota sulla valvola.

AVVERTENZE

- Non lasciare acqua all'interno della valvola, può rompersi per effetto del gelo. Scaricare la tubazione, eseguire una manovra di apertura/chiusura, oppure lasciare la valvola parzialmente aperta per permettere l'evacuazione dell'acqua trattenuta tra il corpo e la sfera.
- Le filettature senza indicazioni particolari sono ISO 228, le filettature maschio ISO 228 non si avvitano sul filetto ISO 7.
- Non verranno riconosciuti reclami di valvole che presentano segni di chiavi sul collarino tra corpo e manicotto.
- La pressione di utensili su questa parte della valvola manomette la tenuta tra manicotto e corpo della stessa.

1 Ispezionare la valvola per verificare che non vi siano corpi estranei che possano danneggiare le sedi in PTFE e la sfera alterando la tenuta.

2 Le valvole hanno un bordo di arresto che impedisce al tubo di entrare nella valvola rovinando le sedi in PTFE.

ATTENZIONE: evitare comunque un eccessivo avvitamento.

Each user has its own particular requirements and given the many conditions in existence (in terms of temperature, pressure, fluid, environment etc) we advise that you undertake tests beforehand and consult us indicating the actual conditions of use involved.

- The "open/closed" position is made visible by means of a lever, which respectively aligned or in a perpendicular sense to the piping, thanks to its quarter of a turn tightening for opening or closure.
- The ball valve is a check valve, and is not a regulating valve and it therefore needs to be either open or closed,
- The ball valve must not be left in intermediate position as there is a risk of damage to the seals, especially if the valve works at high temperature or pressure conditions.
- Select the valves of sufficient resistance to the application required.
- In any event the piping must be aligned and supported with suitable fixture elements in order to prevent the risk of any flexure strain affecting the valve.

WARNING

- If left full of water there is a risk of breakage in freezing conditions. Should it be necessary to drain the piping, should freezing conditions be foreseen, undertake an opening/closure operation or leave the valve partially open to allow the water to drain away, from between the body and the ball.
- The threads for which no particular indication is provided are in accordance with ISO 228 standards, the male ISO 228 threads cannot be threaded on to thread ISO 7.
- Complaints will not be accepted in the event of valves with evidence of spanner marking between the body and the end connection.
- The pressure of any tools applied to this part of the valve may jeopardize the sealing capacity between the threaded end and the body itself.

1 Inspect the valve to ensure that there are no foreign bodies that might damage the PTFE seat and the ball therefore jeopardizing the sealing capacity.

2 Our valves have a stopping rim which prevents the pipe from entering the valve thereby ruining the PTFE seats. However avoid over-tightening.

- 3** Per facilitare la tenuta delle giunzioni, sul filetto della tubazione, può essere inserito eventuale e apposito materiale di tenuta (canapa, teflon in nastri, ecc.). Il materiale deve essere messo facendo attenzione che non vi siano sbavature che possano "entrare" nella valvola e infilarsi tra la sede e la sfera compromettendone la tenuta.
- 4** Usare una chiave idonea. Eventuali pressioni eccessive possono ovalizzare il corpo della valvola compromettendone le funzioni. Non serrare le valvole sul collarino di giunzione tra il corpo e il manicotto.
- 5** Evitare di applicare forze contrarie sul corpo e sul manicotto. L'adesivo anaerobico potrebbe danneggiarsi compromettendo la tenuta nella giunzione corpo-manicotto.
- 6** Accertarsi che i tubi o altri elementi che andranno fissati alla valvola siano puliti. Al fine di migliorare il corretto funzionamento e la tenuta, installare appositi filtri meccanici che trattengano le impurità ed evitino la rigatura delle guarnizioni.
- 7** Nel caso in cui si debba alesare un tubo che andrà collegato alla valvola, eliminare accuratamente i residui o eventuali sbavature che possano danneggiare il buon funzionamento della valvola.
- 8** Nel caso in cui sia necessario smontare la leva, prendere le dovute precauzioni affinché l'asta non riceva urti durante i lavori.
- 9** Le valvole con premistoppa in PTFE hanno una ghiera regolabile che permette di ripristinare la tenuta nel caso in cui si possano verificare delle piccole perdite. Evitare di serrare eccessivamente la ghiera danneggiando la tenuta. Serrare con delicatezza per 1/4 di giro massimo.

Le presenti istruzioni sono indicative e non intendono coprire tutti i problemi che si possono presentare durante un'installazione. L'installatore è tenuto, comunque, a seguire le regole di buona tecnica esistenti.

- 3** Any sealing materials must be applied on the male thread of the pipe ensuring that there are no burrs which might "enter" the valve and insert themselves between the seat and the ball thereby jeopardizing the sealing capacity.
- 4** Avoid securing the valve between clamps but secure the pipe. Excessive pressure may cause the valve to become oval thereby jeopardizing performance levels. Do not secure the valve on the connection collar between the body and the threaded end.
- 5** Avoid applying any contrary forces on the body and threaded end. The anaerobic adhesive may become damaged and jeopardize the sealing capacity of the body/threaded end connection.
- 6** Ensure that the pipes or other elements to be fixed to valve are clean. In order to ensure the best performance and sealing capacity install special mechanical filters, which retain the impurities thereby preventing gasket scratches.
- 7** Should it be necessary to bore a pipe to be connected to a valve, carefully remove any residue or burrs which may affect the efficiency of the valve.
- 8** Should it be necessary to dismantle the lever, take the necessary precautions to ensure that the stem is not subject to any blows during operations.
- 9** The valves with PTFE gasket on the stem have an adjustable ring which makes it possible to restore the sealing capacity in the event of any minor leakage. Avoid excessive tightening of the nut which may damage the seal. Gently tighten by a maximum of a quarter of a turn.

The present instructions do not pretend to provide a comprehensive solution to all problems which may occur during installation. The installation technician is therefore advised to follow sound existing installation techniques.

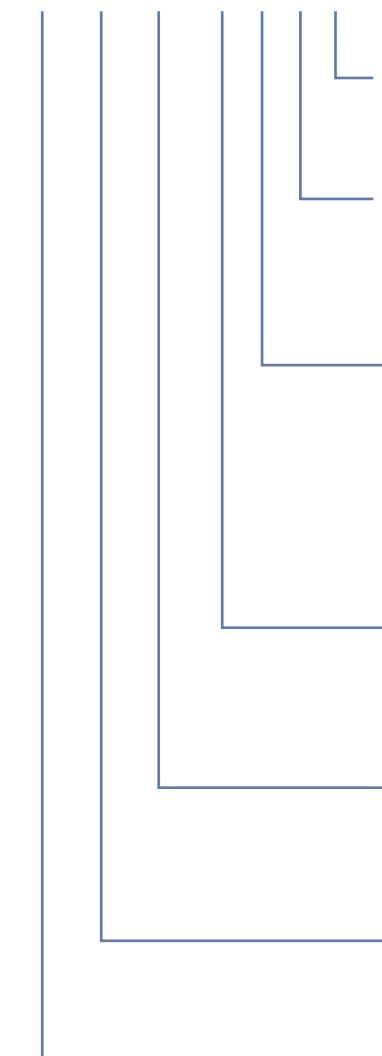
Indice per codice

Index by code

Come leggere i nostri codici
How to read our codes



370 C 3/8 G 1 R F



F

Esecuzioni speciali

F Con prolunga
With extension stem

R

Colore maniglia
Color handle

R Rossa - Red
B Blu - Blue

1

Tipo maniglia
Handle type

- 1** Leva in acciaio imbutita - Drawn steel lever
- 2** Manopola in alluminio - Aluminum knob
- 3** Leva piatta in acciaio - Steel flat lever
- 4** Leva piatta in acciaio AISI 430 - AISI 430 steel flat lever
- 5** Leva in alluminio - Drawn aluminium lever

G

Finitura
Finish

C Valvola nichelata
G Valvola nichelata sulla superficie esterna
J Valvola in ottone

3/8

Diametro
Diameter

C

Lettera progressiva
Progressive letter

370

Serie
Series

Codice Code	Atacchi <i>Connections</i>	PN	Applicazione <i>Application</i>	Pagina Page
50032	5/8" SAE	-	Bocchettone SAE/SAE nozzle	116
50225	1/2" SAE	-	Bocchettone SAE/SAE nozzle	116
50240	3/8" SAE	-	Bocchettone SAE/SAE nozzle	116
50450	3/8"X1/4" SAE	-	Bocchettone ridotto SAE/Reduced SAE nozzle	116
50540	1/4" SAE	-	Bocchettone SAE/SAE nozzle	116
51005	3/4" SAE	-	Bocchettone SAE/SAE nozzle	116
51010	1" SAE	-	Bocchettone SAE/SAE nozzle	116
51030	1/4" SAE	-	Bocchettone cieco SAE/Blind reduced SAE nozzle	116
51170	5/8"X1/2" SAE	-	Bocchettone ridotto SAE/Reduced SAE nozzle	116
51510	1"1/2	-	Tappi femmina/Female caps	118
52365	1"	-	Tappi femmina/Female caps	118
53275	1"	-	Dado/Nut	118
54680	2"1/2	-	Dado/Nut	118
55040	1"1/2x1"	-	Riduzioni MF/M/F reduced extensions	117
55255	2"x1"1/4	-	Riduzioni MF/M/F reduced extensions	117
56125	3/4"	-	Tappi femmina/Female caps	118
57776	1/2"	-	Tappi femmina/Female caps	118
58165	3/4"	-	Dado/Nut	118
58180	1"1/2	-	Dado/Nut	118
58390	1"1/4	-	Tappi femmina/Female caps	118
58505	1"	-	Codolo maschio/Male flat nipple	119
58755	1/2"	-	Codolo maschio/Male flat nipple	119
58845	1"1/4	-	Dado/Nut	118
58850	3/4"	-	Codolo maschio/Male flat nipple	119
58950	2"	-	Codolo maschio/Male flat nipple	119
59215	2"1/4	-	Dado/Nut	118
59220	1"1/2	-	Codolo maschio/Male flat nipple	119
59725	2"3/4	-	Dado/Nut	118
59750	2"	-	Dado/Nut	118
61300	1"1/4	-	Codolo maschio/Male flat nipple	119
61560	1/2"X3/8" SAE	-	Bocchettone ridotto SAE/Reduced SAE nozzle	116
62306	1/2" SAE x 5/8" SAE	-	Riduzioni MF/M/F reduced extension	116
62311	1/4" SAE x 3/8" SAE	-	Riduzioni MF/M/F reduced extension	116
63121	3/8"	-	Dado/Nut	118
63710	1/2"	-	Dado/Nut	118
64680	1/2"X3/4"	-	Dado+codoli+guarnizione/Nut+tail+gasket	119
64685	3/4"X1"	-	Dado+codoli+guarnizione/Nut+tail+gasket	119
64805	3/8" SAE	-	Bocchettone cieco SAE/Blind reduced SAE nozzle	116
64920	1/2" SAE	-	Bocchettone cieco SAE/Blind reduced SAE nozzle	116
65505	3/4 16x2	-	Dado+ogiva+ins.Eurokono/Nut+olive+Eurokonus insert	116

Codice Code	Attacchi Connections	PN	Applicazione Application	Pagina Page
65755	3/4 17x2	-	Dado+ogiva+ins.Eurokono/Nut+olive+Eurokonus insert	117
65800	1/2"	-	Raccordo T femm./Female tee	117
65805	3/4"	-	Raccordo T femm./Female tee	117
65810	1"	-	Raccordo T femm./Female tee	117
65815	1/2"	-	Manicotto/Socket	117
65820	3/4"	-	Manicotto/Socket	117
65825	1"	-	Manicotto/Socket	117
65970	3/4 20x2	-	Dado+ogiva+ins.Eurokono/Nut+olive+Eurokonus insert	117
66035	3/4 17x2	-	Dado+ogiva+ins.Eurokono/Nut+olive+Eurokonus insert	116
66040	3/4 20x2	-	Dado+ogiva+ins.Eurokono/Nut+olive+Eurokonus insert	116
66685	-	-	Ricambio manopola/spare knob	99
66690	-	-	Ricambio manopola/spare knob	99
66695	-	-	Ricambio manopola/spare knob	99
66770	-	-	Ricambio manopola/spare knob	99
66775	-	-	Ricambio manopola/spare knob	99
66820	-	-	Ricambio leva standard/spare standard lever	98
66825	-	-	Ricambio leva standard/spare standard lever	98
66830	-	-	Ricambio leva standard/spare standard lever	98
66835	-	-	Ricambio leva standard/spare standard lever	98
66840	-	-	Ricambio leva standard/spare standard lever	98
67180	-	-	Ricambio leva standard/spare standard lever	98
67185	-	-	Ricambio leva standard/spare standard lever	98
67190	-	-	Ricambio manopola/spare knob	99
67355	-	-	Ricambio leva standard/spare standard lever	98
67430	-	-	Ricambio leva standard/spare standard lever	98
67480	-	-	Ricambio leva piatta acciaio AISI 430/spare flat lever in AISI 430	101
67485	-	-	Ricambio leva piatta acciaio/spare steel flat lever	100
67490	-	-	Ricambio leva piatta acciaio AISI 430/spare flat lever in AISI 430	101
67655	-	-	Ricambio leva standard/spare standard lever	98
67690	-	-	Ricambio leva alluminio/spare aluminum lever	102
67695	-	-	Ricambio leva alluminio/spare aluminum lever	102
67905	-	-	Ricambio leva piatta acciaio AISI 430/spare flat lever in AISI 430	101
68005	-	-	Ricambio manopola/spare knob	99
68010	-	-	Ricambio manopola/spare knob	99
68570	-	-	Ricambio leva piatta acciaio/spare steel flat lever	100
68950	-	-	Ricambio leva alluminio/spare aluminum lever	102
68955	-	-	Ricambio leva alluminio/spare aluminum lever	102
68960	-	-	Ricambio leva piatta acciaio/spare steel flat lever	100
68965	-	-	Ricambio leva piatta acciaio AISI 430/spare flat lever in AISI 430	101
68970	-	-	Ricambio leva alluminio/spare aluminum lever	102
68980	-	-	Ricambio leva alluminio/spare aluminum lever	102
69005	-	-	Ricambio farfalla/spare butterfly	103
69030	-	-	Ricambio leva piatta acciaio/spare steel flat lever	100
69035	-	-	Ricambio leva alluminio/spare aluminum lever	102
69270	-	-	Ricambio manopola/spare knob	99

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69275	-	-	Ricambio leva alluminio/ <i>spare aluminum lever</i>	102
71235	1/2"	-	Raccordo diritto M-F/M-F <i>straight fitting</i>	120
71240	3/4"	-	Raccordo diritto M-F/M-F <i>straight fitting</i>	120
71245	1"	-	Raccordo diritto M-F/M-F <i>straight fitting</i>	120
71250	1"1/4	-	Raccordo diritto M-F/M-F <i>straight fitting</i>	120
71275	1/2"	-	Raccordo angolo M-F/M-F <i>elbow fitting</i>	120
71280	3/4"	-	Raccordo angolo M-F/M-F <i>elbow fitting</i>	120
71285	1"	-	Raccordo angolo M-F/M-F <i>elbow fitting</i>	120
71290	1"1/4	-	Raccordo angolo M-F/M-F <i>elbow fitting</i>	120
71665	1/2"x3/4"	-	Dado+codolo maschio/ <i>Nut+male flat nipple</i>	119
71670	3/4"x1"	-	Dado+codolo maschio/ <i>Nut+male flat nipple</i>	119
71675	1"x1"1/4	-	Dado+codolo maschio/ <i>Nut+male flat nipple</i>	119
71680	1"1/4x1"1/2	-	Dado+codolo maschio/ <i>Nut+male flat nipple</i>	119
71685	1"1/2x2"	-	Dado+codolo maschio/ <i>Nut+male flat nipple</i>	119
71690	2"x2"1/2	-	Dado+codolo maschio/ <i>Nut+male flat nipple</i>	119
71695	1/2"x1"	-	Dado+bocchettone femmina/ <i>Nut+flat female nipple</i>	119
71700	3/4"x1"1/4	-	Dado+bocchettone femmina/ <i>Nut+flat female nipple</i>	119
71705	1"x1"1/2	-	Dado+bocchettone femmina/ <i>Nut+flat female nipple</i>	119
71710	1"1/4x2"	-	Dado+bocchettone femmina/ <i>Nut+flat female nipple</i>	119
71715	1"1/2x2"1/4	-	Dado+bocchettone femmina/ <i>Nut+flat female nipple</i>	119
71720	2"x2"3/4	-	Dado+bocchettone femmina/ <i>Nut+flat female nipple</i>	119
71725	1/2"	-	Raccordo diritto F-F/F-F <i>straight fitting</i>	120
71730	3/4"	-	Raccordo diritto F-F/F-F <i>straight fitting</i>	120
71735	1"	-	Raccordo diritto F-F/F-F <i>straight fitting</i>	120
72160	3/4"	-	Tappo+catena PCV/Cap <i>PCV+chain</i>	118
72165	1"	-	Tappo+catena PCV/Cap <i>PCV+chain</i>	118
72170	3/4"	-	Tappo+quadro+catena PCV/Cap+square+ <i>PCV chain</i>	118
72180	1/2"X3/4"	-	Niplo ridotto nich. Eurokono/ <i>Eurokonus nick.plat. reduced</i>	117
112D1/2	1/2"	-	Bilanciamento/ <i>Balancing</i>	94
112E3/4	3/4"	-	Bilanciamento/ <i>Balancing</i>	94
112F001	1"	-	Bilanciamento/ <i>Balancing</i>	94
112G11/4	1"1/4	-	Bilanciamento/ <i>Balancing</i>	94
112H11/2	1"1/2	-	Bilanciamento/ <i>Balancing</i>	94
112I002	2"	-	Bilanciamento/ <i>Balancing</i>	94
178C3/8C1B	3/8"	16	3 vie T90°/3-way <i>T90°</i>	71
178C3/8C1R	3/8"	16	3 vie T90°/3-way <i>T90°</i>	71
178D1/2C1B	1/2"	16	3 vie T90°/3-way <i>T90°</i>	71
178D1/2C1R	1/2"	16	3 vie T90°/3-way <i>T90°</i>	71
178E3/4C1B	3/4"	16	3 vie T90°/3-way <i>T90°</i>	71
178E3/4C1R	3/4"	16	3 vie T90°/3-way <i>T90°</i>	71
178F001C1B	1"	16	3 vie T90°/3-way <i>T90°</i>	71
178F001C1R	1"	16	3 vie T90°/3-way <i>T90°</i>	71
178G11/4C1B	1 1/4"	16	3 vie T90°/3-way <i>T90°</i>	71
178G11/4C1R	1 1/4"	16	3 vie T90°/3-way <i>T90°</i>	71
178H11/2C1B	1 1/2"	16	3 vie T90°/3-way <i>T90°</i>	71

Codice <i>Code</i>	Attacchi <i>Connections</i>	PN	Applicazione <i>Application</i>	Pagina <i>Page</i>
178H11/2C1R	1 1/2"	16	3 vie T90°/3-way T90°	71
178I002C1B	2"	16	3 vie T90°/3-way T90°	71
178I002C1R	2"	16	3 vie T90°/3-way T90°	71
181C3/8C5R	3/8"	16	3 vie T180°/3-way T180°	73
181D1/2C5R	1/2"	16	3 vie T180°/3-way T180°	73
181E3/4C5R	3/4"	16	3 vie T180°/3-way T180°	73
181F001C5R	1"	16	3 vie T180°/3-way T180°	73
181G11/4C5R	1 1/4"	16	3 vie T180°/3-way T180°	73
181H11/2C5R	1 1/2"	16	3 vie T180°/3-way T180°	73
181I002C5R	2"	16	3 vie T180°/3-way T180°	73
182C3/8C1B	3/8"	16	3 vie L90°/3-way L90°	75
182C3/8C1R	3/8"	16	3 vie L90°/3-way L90°	75
182C3/8C5R	3/8"	16	3 vie L90°/3-way L90°	75
182D1/2C1B	1/2"	16	3 vie L90°/3-way L90°	75
182D1/2C1R	1/2"	16	3 vie L90°/3-way L90°	75
182D1/2C5R	1/2"	16	3 vie L90°/3-way L90°	75
182E3/4C1B	3/4"	16	3 vie L90°/3-way L90°	75
182E3/4C1R	3/4"	16	3 vie L90°/3-way L90°	75
182E3/4C5R	3/4"	16	3 vie L90°/3-way L90°	75
182F001C1B	1"	16	3 vie L90°/3-way L90°	75
182F001C1R	1"	16	3 vie L90°/3-way L90°	75
182F001C5R	1"	16	3 vie L90°/3-way L90°	75
182G11/4C1B	1 1/4"	16	3 vie L90°/3-way L90°	75
182G11/4C1R	1 1/4"	16	3 vie L90°/3-way L90°	75
182G11/4C5R	1 1/4"	16	3 vie L90°/3-way L90°	75
182H11/2C5R	1 1/2"	16	3 vie L90°/3-way L90°	75
182H11/4C1B	1 1/2"	16	3 vie L90°/3-way L90°	75
182H11/4C1R	1 1/2"	16	3 vie L90°/3-way L90°	75
182I002C1B	2"	16	3 vie L90°/3-way L90°	75
182I002C1R	2"	16	3 vie L90°/3-way L90°	75
182I002C5R	2"	16	3 vie L90°/3-way L90°	75
186D1/2G1B	1/2"	25	ACS Rubinetto/Hose-holder	55
186D1/2G1R	1/2"	25	ACS Rubinetto/Hose-holder	55
186D1/2G2B	1/2"	25	ACS Rubinetto/Hose-holder	55
186D1/2G2R	1/2"	25	ACS Rubinetto/Hose-holder	55
186E3/4G1B	3/4"	25	ACS Rubinetto/Hose-holder	55
186E3/4G1R	3/4"	25	ACS Rubinetto/Hose-holder	55
186E3/4G2B	3/4"	25	ACS Rubinetto/Hose-holder	55
186E3/4G2R	3/4"	25	ACS Rubinetto/Hose-holder	55
186F001G1B	1"	25	ACS Rubinetto/Hose-holder	55
186F001G1R	1"	25	ACS Rubinetto/Hose-holder	55
186F001G2B	1"	25	ACS Rubinetto/Hose-holder	55
186F001G2R	1"	25	ACS Rubinetto/Hose-holder	55
293C3/8	G 3/8" M	12	Ritegno-fondo/Check valve	108
293D1/2	G 1/2" M	12	Ritegno-fondo/Check valve	108

Codice Code	Attacchi Connections	PN	Applicazione Application	Pagina Page
293E3/4	G 3/4" M	12	Ritegno-fondo/ <i>Check valve</i>	108
293F001	G 1" M	12	Ritegno-fondo/ <i>Check valve</i>	108
293G11/4	G 1" 1/4 M	10	Ritegno-fondo/ <i>Check valve</i>	108
293H11/2	G 1" 1/2M	10	Ritegno-fondo/ <i>Check valve</i>	108
293I002	G 2" M	10	Ritegno-fondo/ <i>Check valve</i>	108
293L21/2	G 2" 1/2 M	8	Ritegno-fondo/ <i>Check valve</i>	108
293M003	G 3" M	8	Ritegno-fondo/ <i>Check valve</i>	108
293N004	G 4" M	8	Ritegno-fondo/ <i>Check valve</i>	108
294D1/2	G 1/2" M	25	Non ritorno/ <i>Check valve</i>	109
294E3/4	G 3/4" M	25	Non ritorno/ <i>Check valve</i>	109
294F001	G 1" M	25	Non ritorno/ <i>Check valve</i>	109
294G11/4	G 1" 1/4 M	18	Non ritorno/ <i>Check valve</i>	109
294H11/2	G 1" 1/2M	18	Non ritorno/ <i>Check valve</i>	109
294I002	G 2" M	18	Non ritorno/ <i>Check valve</i>	109
298C3/8	G 3/8" M	-	Filtri ottone/ <i>Brass filters</i>	111
298D1/2	G 1/2" M	-	Filtri ottone/ <i>Brass filters</i>	111
298E3/4	G 3/4" M	-	Filtri ottone/ <i>Brass filters</i>	111
298F001	G 1" M	-	Filtri ottone/ <i>Brass filters</i>	111
298G11/4	G 1" 1/4 M	-	Filtri ottone/ <i>Brass filters</i>	111
298H11/2	G 1" 1/2M	-	Filtri ottone/ <i>Brass filters</i>	111
298I002	G 2" M	-	Filtri ottone/ <i>Brass filters</i>	111
298L21/2	G 2" 1/2 M	-	Filtri ottone/ <i>Brass filters</i>	111
298M003	G 3" M	-	Filtri ottone/ <i>Brass filters</i>	111
298N004	G 4" M	-	Filtri ottone/ <i>Brass filters</i>	111
299C3/8	G 3/8" M	-	Filtri nylon/ <i>Nylon filters</i>	112
299D1/2	G 1/2" M	-	Filtri nylon/ <i>Nylon filters</i>	112
299E3/4	G 3/4" M	-	Filtri nylon/ <i>Nylon filters</i>	112
299F001	G 1" M	-	Filtri nylon/ <i>Nylon filters</i>	112
299G11/4	G 1" 1/4 M	-	Filtri nylon/ <i>Nylon filters</i>	112
299H11/2	G 1" 1/2M	-	Filtri nylon/ <i>Nylon filters</i>	112
299I002	G 2" M	-	Filtri nylon/ <i>Nylon filters</i>	112
299L21/2	G 2" 1/2 M	-	Filtri nylon/ <i>Nylon filters</i>	112
299M003	G 3" M	-	Filtri nylon/ <i>Nylon filters</i>	112
299N004	G 4" M	-	Filtri nylon/ <i>Nylon filters</i>	112
300C3/8G1B	3/8"	25	ACS	33
300C3/8G1R	3/8"	25	ACS	33
300C3/8G2B	3/8"	25	ACS	33
300C3/8G2R	3/8"	25	ACS	33
300C3/8G3R	3/8"	25	ACS	34
300C3/8G4R	3/8"	25	ACS	34
300D1/2G1B	1/2"	25	ACS	33
300D1/2G1R	1/2"	25	ACS	33
300D1/2G2B	1/2"	25	ACS	33
300D1/2G2R	1/2"	25	ACS	33
300D1/2G3R	1/2"	25	ACS	34

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300D1/2G4R	1/2"	25	ACS	34
300E3/4G1B	3/4"	25	ACS	33
300E3/4G1R	3/4"	25	ACS	33
300E3/4G2B	3/4"	25	ACS	33
300E3/4G2R	3/4"	25	ACS	33
300E3/4G3R	3/4"	25	ACS	34
300E3/4G4R	3/4"	25	ACS	34
300F001G1B	1"	25	ACS	33
300F001G1R	1"	25	ACS	33
300F001G2B	1"	25	ACS	33
300F001G2R	1"	25	ACS	33
300F001G3R	1"	25	ACS	34
300F001G4R	1"	25	ACS	34
300G11/4G1B	1 1/4"	25	ACS	33
300G11/4G1R	1 1/4"	25	ACS	33
300G11/4G2B	1 1/4"	25	ACS	33
300G11/4G2R	1 1/4"	25	ACS	33
300G11/4G3R	1 1/4"	25	ACS	34
300G11/4G4R	1 1/4"	25	ACS	34
300H11/2G1B	1 1/2"	25	ACS	33
300H11/2G1R	1 1/2"	25	ACS	33
300H11/2G3R	1 1/2"	25	ACS	34
300H11/2G4R	1 1/2"	25	ACS	34
300I002G1B	2"	25	ACS	33
300I002G1R	2"	25	ACS	33
300I002G3R	2"	25	ACS	34
300I002G4R	2"	25	ACS	34
300L21/2G1B	2 1/2"	25	ACS	33
300L21/2G1R	2 1/2"	25	ACS	33
300M003G1R	3"	25	ACS	33
331D1/2	1/2"	16	Saracinesca/Gate valve	90
331E3/4	3/4"	16	Saracinesca/Gate valve	90
331F001	1"	16	Saracinesca/Gate valve	90
331G11/4	1"1/4	16	Saracinesca/Gate valve	90
331H11/2	1"1/2	16	Saracinesca/Gate valve	90
331I002	2"	16	Saracinesca/Gate valve	90
331L21/2	2"1/2	16	Saracinesca/Gate valve	90
331M003	3"	16	Saracinesca/Gate valve	90
331N004	4"	16	Saracinesca/Gate valve	90
352D1/2J2B3/4	1/2" - 3/4"	25	ACS	47
352D1/2J2R3/4	1/2" - 3/4"	25	ACS	47
352E3/4J2B3/4	3/4" - 3/4"	25	ACS	47
352E3/4J2R3/4	3/4" - 3/4"	25	ACS	47
353D1/2C2G1/2	1/2" - 1/2"	5	Gas	87
353D1/2J2B1/2	1/2" - 1/2"	25	ACS	49

Codice Code	Attacchi Connections	PN	Applicazione Application	Pagina Page
353D1/2J2B3/4	1/2" - 3/4"	25	ACS	49
353D1/2J2R1/2	1/2" - 1/2"	25	ACS	49
353D1/2J2R3/4	1/2" - 3/4"	25	ACS	49
353E3/4C2G3/4	3/4" - 3/4"	5	Gas	87
353E3/4J2B3/4	3/4" - 3/4"	25	ACS	49
353E3/4J2R3/4	3/4" - 3/4"	25	ACS	49
353F001J2B1	1" - 1"	25	ACS	49
353F001J2R1	1" - 1"	25	ACS	49
362D1/2J2B1/2	1/2" - 1/2"	25	ACS	40
362D1/2J2B3/4	1/2" - 3/4"	25	ACS	40
362D1/2J2R1/2	1/2" - 1/2"	25	ACS	40
362D1/2J3R3/4	1/2" - 3/4"	25	ACS	40
362E3/4J2B1	3/4" - 1"	25	ACS	40
362E3/4J2B3/4	3/4" - 3/4"	25	ACS	40
362E3/4J2R1	3/4" - 1"	25	ACS	40
362E3/4J2R3/4	3/4" - 3/4"	25	ACS	40
362F001J2B1	1" - 1"	25	ACS	40
362F001J2R1	1" - 1"	25	ACS	40
362F01J2B11/4	1" - 1"1/4	25	ACS	41
362F01J2R11/4	1" - 1"1/4	25	ACS	41
363D1/2J2B1/2	1/2" - 1/2"	25	ACS	44
363D1/2J2B3/4	1/2" - 3/4"	25	ACS	44
363D1/2J2R1/2	1/2" - 1/2"	25	ACS	44
363D1/2J2R3/4	1/2" - 3/4"	25	ACS	44
363E3/4J2B3/4	3/4" - 3/4"	25	ACS	44
363E3/4J2R3/4	3/4" - 3/4"	25	ACS	44
363F001J2B1	1" - 1"	25	ACS	44
363F001J2R1	1" - 1"	25	ACS	44
363F01J2B11/4	1" - 1"1/4	25	ACS	45
363F01J2R11/4	1" - 1"1/4	25	ACS	45
370C3/8G1B	3/8"	25	ACS	17
370C3/8G1R	3/8"	25	ACS	17
370C3/8G2B	3/8"	25	ACS	17
370C3/8G2R	3/8"	25	ACS	17
370C3/8G3R	3/8"	25	ACS	18
370C3/8G4R	3/8"	25	ACS	18
370D1/2G1B	1/2"	25	ACS	17
370D1/2G1BF	1/2"	25	ACS	19
370D1/2G1R	1/2"	25	ACS	17
370D1/2G1RF	1/2"	25	ACS	19
370D1/2G2B	1/2"	25	ACS	17
370D1/2G2BF	1/2"	25	ACS	19
370D1/2G2R	1/2"	25	ACS	17
370D1/2G2RF	1/2"	25	ACS	19
370D1/2G3R	1/2"	25	ACS	18

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370D1/2G4R	1/2"	25	ACS	18
370E3/4G1B	3/4"	25	ACS	17
370E3/4G1BF	3/4"	25	ACS	19
370E3/4G1R	3/4"	25	ACS	17
370E3/4G1RF	3/4"	25	ACS	19
370E3/4G2B	3/4"	25	ACS	17
370E3/4G2BF	3/4"	25	ACS	19
370E3/4G2R	3/4"	25	ACS	17
370E3/4G2RF	3/4"	25	ACS	19
370E3/4G3R	3/4"	25	ACS	18
370E3/4G4R	3/4"	25	ACS	18
370F001G1B	1"	25	ACS	17
370F001G1BF	1"	25	ACS	19
370F001G1R	1"	25	ACS	17
370F001G1RF	1"	25	ACS	19
370F001G2B	1"	25	ACS	17
370F001G2BF	1"	25	ACS	19
370F001G2R	1"	25	ACS	17
370F001G2RF	1"	25	ACS	19
370F001G3R	1"	25	ACS	18
370F001G4R	1"	25	ACS	18
370G11/4G1B	1 1/4"	25	ACS	17
370G11/4G1BF	1 1/4"	25	ACS	19
370G11/4G1R	1 1/4"	25	ACS	17
370G11/4G1RF	1 1/4"	25	ACS	19
370G11/4G2B	1 1/4"	25	ACS	17
370G11/4G2BF	1 1/4"	25	ACS	19
370G11/4G2R	1 1/4"	25	ACS	17
370G11/4G2RF	1 1/4"	25	ACS	19
370G11/4G3R	1 1/4"	25	ACS	18
370G11/4G4R	1 1/4"	25	ACS	18
370H11/2G1B	1 1/2"	25	ACS	17
370H11/2G1BF	1 1/2"	25	ACS	19
370H11/2G1R	1 1/2"	25	ACS	17
370H11/2G1RF	1 1/2"	25	ACS	19
370H11/2G3R	1 1/2"	25	ACS	18
370H11/2G4R	1 1/2"	25	ACS	18
370I002G1B	2"	25	ACS	17
370I002G1BF	2"	25	ACS	19
370I002G1R	2"	25	ACS	17
370I002G1RF	2"	25	ACS	19
370I002G3R	2"	25	ACS	18
370I002G4R	2"	25	ACS	18
372C3/8G1B	3/8"	25	ACS	21
372C3/8G1R	3/8"	25	ACS	21

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372C3/8G2B	3/8"	25	ACS	21
372C3/8G2R	3/8"	25	ACS	21
372C3/8G3R	3/8"	25	ACS	22
372C3/8G4R	3/8"	25	ACS	22
372D1/2G1B	1/2"	25	ACS	21
372D1/2G1BF	1/2"	25	ACS	23
372D1/2G1R	1/2"	25	ACS	21
372D1/2G1RF	1/2"	25	ACS	23
372D1/2G2B	1/2"	25	ACS	21
372D1/2G2BF	1/2"	25	ACS	23
372D1/2G2R	1/2"	25	ACS	21
372D1/2G2RF	1/2"	25	ACS	23
372D1/2G3R	1/2"	25	ACS	22
372D1/2G4R	1/2"	25	ACS	22
372E3/4G1B	3/4"	25	ACS	21
372E3/4G1BF	3/4"	25	ACS	23
372E3/4G1R	3/4"	25	ACS	21
372E3/4G1RF	3/4"	25	ACS	23
372E3/4G2B	3/4"	25	ACS	21
372E3/4G2BF	3/4"	25	ACS	23
372E3/4G2R	3/4"	25	ACS	21
372E3/4G2RF	3/4"	25	ACS	23
372E3/4G3R	3/4"	25	ACS	22
372E3/4G4R	3/4"	25	ACS	22
372F001G1B	1"	25	ACS	21
372F001G1BF	1"	25	ACS	23
372F001G1R	1"	25	ACS	21
372F001G1RF	1"	25	ACS	23
372F001G2B	1"	25	ACS	21
372F001G2BF	1"	25	ACS	23
372F001G2R	1"	25	ACS	21
372F001G2RF	1"	25	ACS	23
372F001G3R	1"	25	ACS	22
372F001G4R	1"	25	ACS	22
372G11/4G1B	1 1/4"	25	ACS	21
372G11/4G1BF	1 1/4"	25	ACS	23
372G11/4G1R	1 1/4"	25	ACS	21
372G11/4G1RF	1 1/4"	25	ACS	23
372G11/4G2B	1 1/4"	25	ACS	21
372G11/4G2BF	1 1/4"	25	ACS	23
372G11/4G2R	1 1/4"	25	ACS	21
372G11/4G2RF	1 1/4"	25	ACS	23
372G11/4G3R	1 1/4"	25	ACS	22
372G11/4G4R	1 1/4"	25	ACS	22
372H11/2G1B	1 1/2"	25	ACS	21

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372H11/2G1BF	1 1/2"	25	ACS	23
372H11/2G1R	1 1/2"	25	ACS	21
372H11/2G1RF	1 1/2"	25	ACS	23
372H11/2G3R	1 1/2"	25	ACS	22
372H11/2G4R	1 1/2"	25	ACS	22
372I002G1B	2"	25	ACS	21
372I002G1BF	2"	25	ACS	21
372I002G1R	2"	25	ACS	21
372I002G1RF	2"	25	ACS	23
372I002G3R	2"	25	ACS	22
372I002G4R	2"	25	ACS	22
374D1/2G1BF	1/2"	25	ACS	27
374D1/2G1R	1/2"	25	ACS	25
374D1/2G1RF	1/2"	25	ACS	27
374D1/2G2B	1/2"	25	ACS	25
374D1/2G2R	1/2"	25	ACS	25
374D1/2G3R	1/2"	25	ACS	26
374D1/2G4R	1/2"	25	ACS	26
374E3/4G1BF	3/4"	25	ACS	27
374E3/4G1R	3/4"	25	ACS	27
374E3/4G1RF	3/4"	25	ACS	27
374E3/4G2B	3/4"	25	ACS	25
374E3/4G2R	3/4"	25	ACS	25
374E3/4G3R	3/4"	25	ACS	26
374E3/4G4R	3/4"	25	ACS	26
374F001G1BF	1"	25	ACS	27
374F001G1R	1"	25	ACS	25
374F001G1RF	1"	25	ACS	27
374F001G2B	1"	25	ACS	25
374F001G2R	1"	25	ACS	25
374F001G3R	1"	25	ACS	26
374F001G4R	1"	25	ACS	26
376D1/2G1B	1/2"	25	ACS	29
376D1/2G1R	1/2"	25	ACS	29
376E3/4G1B	3/4"	25	ACS	29
376E3/4G1R	3/4"	25	ACS	29
376F001G1B	1"	25	ACS	29
376F001G1R	1"	25	ACS	29
376G11/4G1B	1 1/4"	25	ACS	29
376G11/4G1R	1 1/4"	25	ACS	29
376H11/2G1B	1 1/2"	25	ACS	29
376H11/2G1R	1 1/2"	25	ACS	29
376I002G1B	2"	25	ACS	29
376I002G1R	2"	25	ACS	29
377D1/2G1B	1/2"	25	ACS	31

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377D1/2G1R	1/2"	25	ACS	31
377E3/4G1B	3/4"	25	ACS	31
377E3/4G1R	3/4"	25	ACS	31
377F001G1B	1"	25	ACS	31
377F001G1R	1"	25	ACS	31
377G11/4G1B	1 1/4"	25	ACS	31
377G11/4G1R	1 1/4"	25	ACS	31
377H11/2G1B	1 1/2"	25	ACS	31
377H11/2G1R	1 1/2"	25	ACS	31
377I002G1B	2"	25	ACS	31
377I002G1R	2"	25	ACS	31
380B1/4C1B	1/4"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380B1/4C1G	1/4"	5	Gas	83
380B1/4C1R	1/4"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380B1/4C2B	1/4"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	58
380B1/4C2G	1/4"	5	Gas	83
380B1/4C2R	1/4"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	58
380B1/4G1B	1/4"	40	ACS	57
380B1/4G1R	1/4"	40	ACS	57
380B1/4G2B	1/4"	40	ACS	58
380B1/4G2R	1/4"	40	ACS	58
380C3/8C1B	3/8"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380C3/8C1G	3/8"	5	Gas	83
380C3/8C1R	3/8"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380C3/8C2B	3/8"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	58
380C3/8C2G	3/8"	5	Gas	83
380C3/8C2R	3/8"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	58
380C3/8C3R	3/8"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	59
380C3/8C4R	3/8"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	60
380C3/8G1B	3/8"	40	ACS	57
380C3/8G1R	3/8"	40	ACS	57
380C3/8G2B	3/8"	40	ACS	58
380C3/8G2R	3/8"	40	ACS	58
380C3/8G3R	3/8"	40	ACS	59
380C3/8G4R	3/8"	40	ACS	60
380D1/2C1B	1/2"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380D1/2C1G	1/2"	5	Gas	83
380D1/2C1R	1/2"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380D1/2C2B	1/2"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	58
380D1/2C2G	1/2"	5	Gas	83
380D1/2C2R	1/2"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	58
380D1/2C3R	1/2"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	59
380D1/2C4R	1/2"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	60
380D1/2G1B	1/2"	60	ACS	57
380D1/2G1R	1/2"	60	ACS	57

Codice <i>Code</i>	Attacchi <i>Connections</i>	PN	Applicazione <i>Application</i>	Pagina <i>Page</i>
380D1/2G2B	1/2"	60	ACS	58
380D1/2G2R	1/2"	60	ACS	58
380D1/2G3R	1/2"	60	ACS	59
380D1/2G4R	1/2"	60	ACS	60
380E3/4C1B	3/4"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380E3/4C1G	3/4"	5	Gas	83
380E3/4C1R	3/4"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380E3/4C2B	3/4"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	58
380E3/4C2B	3/4"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	58
380E3/4C2G	3/4"	5	Gas	83
380E3/4C2R	3/4"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	58
380E3/4C3R	3/4"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	59
380E3/4C4R	3/4"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	60
380E3/4G1B	3/4"	60	ACS	57
380E3/4G1R	3/4"	60	ACS	57
380E3/4G2R	3/4"	60	ACS	58
380E3/4G3R	3/4"	60	ACS	59
380E3/4G4R	3/4"	60	ACS	60
380F001C1B	1"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380F001C1G	1"	5	Gas	83
380F001C1R	1"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380F001C2B	1"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380F001C2G	1"	5	Gas	83
380F001C2R	1"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	58
380F001C3R	1"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	59
380F001C4R	1"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	60
380F001G1B	1"	40	ACS	57
380F001G1R	1"	40	ACS	57
380F001G2B	1"	40	ACS	58
380F001G2R	1"	40	ACS	58
380F001G3R	1"	40	ACS	59
380F001G4R	1"	40	ACS	60
380G11/4C1B	1 1/4"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380G11/4C1G	1 1/4"	5	Gas	83
380G11/4C1R	1 1/4"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380G11/4C2B	1 1/4"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380G11/4C2G	1 1/4"	5	Gas	83
380G11/4C2R	1 1/4"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	58
380G11/4C3R	1 1/4"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	59
380G11/4C4R	1 1/4"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	60
380G11/4G1B	1 1/4"	40	ACS	57
380G11/4G1R	1 1/4"	40	ACS	57
380G11/4G2B	1 1/4"	40	ACS	58
380G11/4G2R	1 1/4"	40	ACS	58
380G11/4G3R	1 1/4"	40	ACS	59

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380G11/4G4R	1 1/4"	40	ACS	60
380H11/2C1B	1 1/2"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380H11/2C1G	1 1/2"	5	Gas	83
380H11/2C1R	1 1/2"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380H11/2C3R	1 1/2"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	59
380H11/2C4R	1 1/2"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	60
380H11/2G1B	1 1/2"	40	ACS	57
380H11/2G1R	1 1/2"	40	ACS	57
380H11/2G3R	1 1/2"	40	ACS	59
380H11/2G4R	1 1/2"	40	ACS	60
380I002C1B	2"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	58
380I002C1G	2"	5	Gas	83
380I002C1R	2"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380I002C3R	2"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	59
380I002C4R	2"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	60
380I002G1B	2"	40	ACS	57
380I002G1R	2"	40	ACS	57
380I002G3R	2"	40	ACS	59
380I002G4R	2"	40	ACS	60
380L21/2C1R	2 1/2"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380L21/2G1R	2 1/2"	40	ACS	57
380M003C1R	3"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380M003G1R	3"	40	ACS	57
380N004C1R	4"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	57
380N004G1R	4"	40	ACS	57
382B1/4C1G	1/4"	5	Gas	85
382B1/4C2G	1/4"	5	Gas	85
382C3/8C1B	3/8"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	63
382C3/8C1G	3/8"	5	Gas	85
382C3/8C1R	3/8"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	63
382C3/8C2B	3/8"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	64
382C3/8C2G	3/8"	5	Gas	85
382C3/8C2R	3/8"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	64
382C3/8C3R	3/8"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	65
382C3/8C4R	3/8"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	66
382C3/8G1B	3/8"	40	ACS	63
382C3/8G1R	3/8"	40	ACS	63
382C3/8G2B	3/8"	40	ACS	64
382C3/8G2R	3/8"	40	ACS	64
382C3/8G3R	3/8"	40	ACS	65
382C3/8G4R	3/8"	40	ACS	66
382D1/2C1B	1/2"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	63
382D1/2C1G	1/2"	5	Gas	85
382D1/2C1R	1/2"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	63
382D1/2C2B	1/2"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	64

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382D1/2C2G	1/2"	5	Gas	85
382D1/2C2R	1/2"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	64
382D1/2C3R	1/2"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	65
382D1/2C4R	1/2"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	66
382D1/2G1B	1/2"	60	ACS	63
382D1/2G1R	1/2"	60	ACS	63
382D1/2G2B	1/2"	60	ACS	64
382D1/2G2R	1/2"	60	ACS	64
382D1/2G3R	1/2"	60	ACS	65
382D1/2G4R	1/2"	60	ACS	66
382E3/4C1B	3/4"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	63
382E3/4C1G	3/4"	5	Gas	85
382E3/4C1R	3/4"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	63
382E3/4C2B	3/4"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	64
382E3/4C2G	3/4"	5	Gas	85
382E3/4C2R	3/4"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	64
382E3/4C3R	3/4"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	65
382E3/4C4R	3/4"	60	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	66
382E3/4G1B	3/4"	60	ACS	63
382E3/4G1R	3/4"	60	ACS	63
382E3/4G2B	3/4"	60	ACS	64
382E3/4G2R	3/4"	60	ACS	64
382E3/4G3R	3/4"	60	ACS	65
382E3/4G4R	3/4"	60	ACS	66
382F001C1B	1"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	63
382F001C1G	1"	5	Gas	85
382F001C1R	1"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	63
382F001C2B	1"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	64
382F001C2G	1"	5	Gas	85
382F001C2R	1"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	64
382F001C3R	1"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	65
382F001C4R	1"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	66
382F001G1B	1"	40	ACS	63
382F001G1R	1"	40	ACS	63
382F001G2B	1"	40	ACS	64
382F001G2R	1"	40	ACS	64
382F001G3R	1"	40	ACS	65
382F001G4R	1"	40	ACS	66
382G11/4C1B	1 1/4"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	63
382G11/4C1G	1 1/4"	5	Gas	85
382G11/4C1R	1 1/4"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	63
382G11/4C2B	1 1/4"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	64
382G11/4C2G	1 1/4"	5	Gas	85
382G11/4C2R	1 1/4"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	64
382G11/4C3R	1 1/4"	40	Acqua, fluidi non aggressivi/ <i>Water, non-aggressive fluids</i>	65

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382G11/4C4R	1 1/4"	40	Acqua, fluidi non aggressivi/Water, non-aggressive fluids	66
382G11/4G1B	1 1/4"	40	ACS	63
382G11/4G1R	1 1/4"	40	ACS	63
382G11/4G2B	1 1/4"	40	ACS	64
382G11/4G2R	1 1/4"	40	ACS	64
382G11/4G3R	1 1/4"	40	ACS	65
382G11/4G4R	1 1/4"	40	ACS	66
382H11/2C1B	1 1/2"	40	Acqua, fluidi non aggressivi/Water, non-aggressive fluids	63
382H11/2C1G	1 1/2"	5	Gas	85
382H11/2C1R	1 1/2"	40	Acqua, fluidi non aggressivi/Water, non-aggressive fluids	63
382H11/2C3R	1 1/2"	40	Acqua, fluidi non aggressivi/Water, non-aggressive fluids	65
382H11/2C4R	1 1/2"	40	Acqua, fluidi non aggressivi/Water, non-aggressive fluids	66
382H11/2G1B	1 1/2"	40	ACS	63
382H11/2G1R	1 1/2"	40	ACS	63
382H11/2G3R	1 1/2"	40	ACS	65
382H11/2G4R	1 1/2"	40	ACS	66
382I002C1B	2"	40	Acqua, fluidi non aggressivi/Water, non-aggressive fluids	63
382I002C1G	2"	5	Gas	85
382I002C1R	2"	40	Acqua, fluidi non aggressivi/Water, non-aggressive fluids	63
382I002C3R	2"	40	Acqua, fluidi non aggressivi/Water, non-aggressive fluids	65
382I002C4R	2"	40	Acqua, fluidi non aggressivi/Water, non-aggressive fluids	66
382I002G1B	2"	40	ACS	63
382I002G1R	2"	40	ACS	63
382I002G3R	2"	40	ACS	65
382I002G4R	2"	40	ACS	66
389B1/4	1/4"	10	Minivalvola/Mini-valve	78
389C3/8	3/8"	10	Minivalvola/Mini-valve	78
389D1/2	1/2"	10	Minivalvola/Mini-valve	78
389E3/4	3/4"	10	Minivalvola/Mini-valve	78
390B1/4	1/4"	10	Minivalvola/Mini-valve	79
390C3/8	3/8"	10	Minivalvola/Mini-valve	79
390D1/2	1/2"	10	Minivalvola/Mini-valve	79
454D1/2MAN	1/2"	-	Scarico caldaia/Boiler drain	182
462D1/2G1B	1/2"	25	ACS	37
462D1/2G1R	1/2"	25	ACS	37
462D1/2G2B	1/2"	25	ACS	37
462D1/2G2R	1/2"	25	ACS	37
462E3/4G1B	3/4"	25	ACS	37
462E3/4G1R	3/4"	25	ACS	37
462E3/4G2B	3/4"	25	ACS	37
462E3/4G2R	3/4"	25	ACS	37
462F001G1B	1"	25	ACS	37
462F001G1R	1"	25	ACS	37
462F001G2B	1"	25	ACS	37

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462F001G2R	1"	25	ACS	37
473C3/8	G3/8 M	20	Filtro Y/Y filter	110
473D1/2	G1/2 M	20	Filtro Y/Y filter	110
473E3/4	G3/4 M	20	Filtro Y/Y filter	110
473F001	G 1 M	20	Filtro Y/Y filter	110
473G11/4	G 1 1/4 M	20	Filtro Y/Y filter	110
473H11/2	G 1 1/2 M	20	Filtro Y/Y filter	110
473I002	G 2 M	20	Filtro Y/Y filter	110
473L21/2	G 2 1/2 M	16	Filtro Y/Y filter	110
473M003	G 3 M	16	Filtro Y/Y filter	110
473N004	G 4 M	16	Filtro Y/Y filter	110
565D1/2J2B1/2	1/2" - 1/2"	25	ACS	51
565D1/2J2B3/4	1/2" - 3/4"	25	ACS	51
565D1/2J2R1/2	1/2" - 1/2"	25	ACS	51
565D1/2J2R3/4	1/2" - 3/4"	25	ACS	51
565E3/4J2B3/4	3/4" - 3/4"	25	ACS	51
565E3/4J2R3/4	3/4" - 3/4"	25	ACS	51
69005/2	-	-	Ricambio farfalla/spare butterfly	103
69005N	-	-	Ricambio farfalla/spare butterfly	103
69005N/2	-	-	Ricambio farfalla/spare butterfly	103
836D1/2	1/2"	-	Guscio/Shell	112
836E3/4	3/4"	-	Guscio/Shell	112
836F001	1"	-	Guscio/Shell	112
A389B1/4	1/4"	20	Minivalvola/Mini-valve	78
A389C3/8	3/8"	20	Minivalvola/Mini-valve	78
A389D1/2	1/2"	20	Minivalvola/Mini-valve	78
A389E3/4	3/4"	10	Minivalvola/Mini-valve	78
A390B1/4	1/4"	20	Minivalvola/Mini-valve	79
A390C3/8	3/8"	20	Minivalvola/Mini-valve	79
A390D1/2	1/2"	20	Minivalvola/Mini-valve	79
R2605	-	-	Ricambio quadro/spare square head	104
R2605/2	-	-	Ricambio quadro/spare square head	104
R2606/1	-	-	Ricambio quadro/spare square head	104
R2606/3	-	-	Ricambio quadro/spare square head	104





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