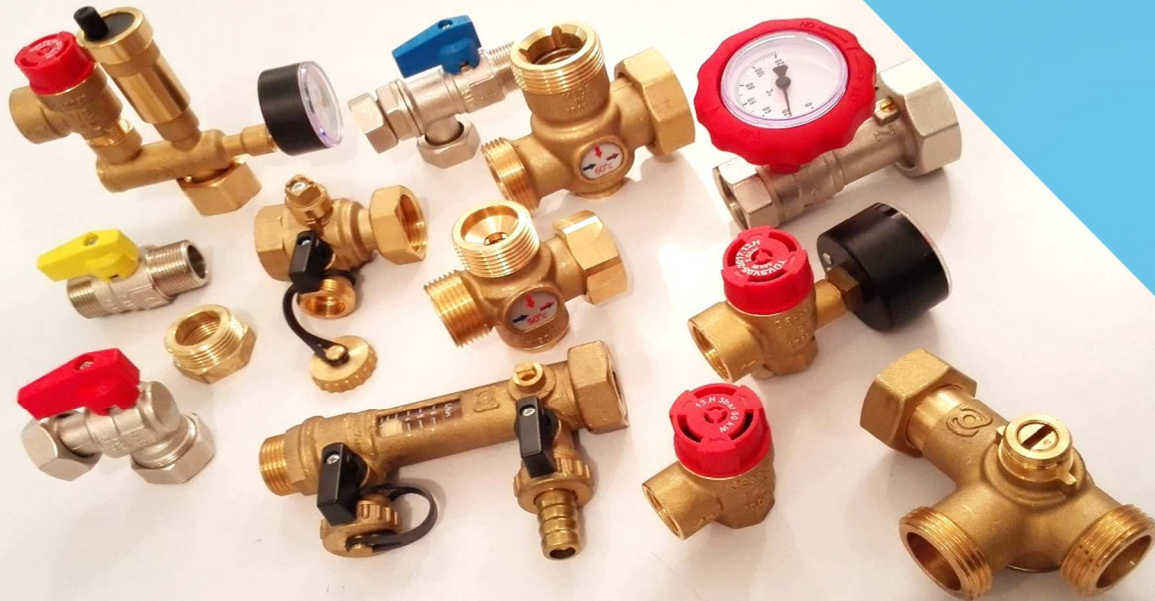


novasfer

Flow control system



Componentistica per sistemi
Systems components

Prodotti originali
Original products by

 **novasfer**

Pag. 04

ACCESSORI PER BIOMASSA BIOMASS ACCESSORIES

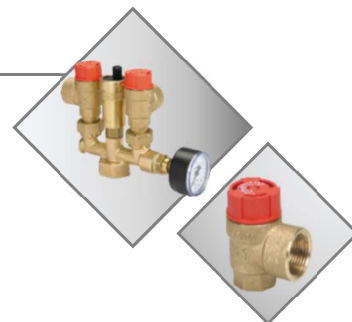
VALVOLE MISCELATRICI ANTICONDENSA
ANTI-CONDENSING MIXING VALVE
KIT PER BIOMASSA
BIOMASS KIT



Pag. 12

COMPONENTISTICA DI SICUREZZA SAFETY ACCESSORIES

VALVOLE DI SICUREZZA CERTIFICATE CE
SAFETY VALVES CE CERTIFIED
VALVOLE DI SICUREZZA CERTIFICATE TUV
SAFETY VALVES TUV CERTIFIED
KIT DI SICUREZZA
SAFETY KIT



Pag. 18

ACCESSORI PER SOLARE TERMICO SOLAR ACCESSORIES

VALVOLE E ACCESSORI PER SOLARE TERMICO
VALVES AND ACCESSORIES FOR SOLAR APPLICATION
KIT CONNESSIONE VASO ESPANSIONE
KIT FOR EXPANSION VESSEL CONNECTION
RACCORDERIA
CONNECTIONS



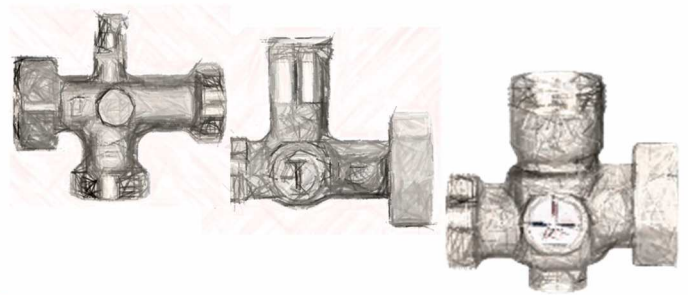
Pag. 24

VALVOLE A SFERA PER APPLICAZIONI SPECIALI BALL VALVES FOR SPECIAL APPLICATION

KIT VALVOLE PER POMPA
BALL VALVES KIT FOR PUMP CONNECTION
VALVOLE A SFERA PER ATTACCHI POMPA
BALL VALVES FOR PUMP CONNECTION
VALVOLE A SFERA PER CONTATORI
BALL VALVES FOR METERING UNITS
VALVOLE A SFERA SQUADRA PER DIME CALDAIA
ANGLE BALL VALVES FOR BOILERS
VALVOLE A SFERA DRITTE PER DIME CALDAIA
BALL VALVES FOR BOILERS
RUBINETTI DI CARICAMENTO
FILLING LOOP VALVES
VALVOLE MONOTUBO E COLLETTORI
MONOTUBE VALVES AND MANIFOLD
VALVOLE A SFERA PER GAS
LISTED GAS BALL VALVES
VALVOLE A SFERA PER ACQUA
PLUMBING BALL VALVES



ACCESSORI PER BIOMASSA BIOMASS ACCESSORIES



ART. 3550

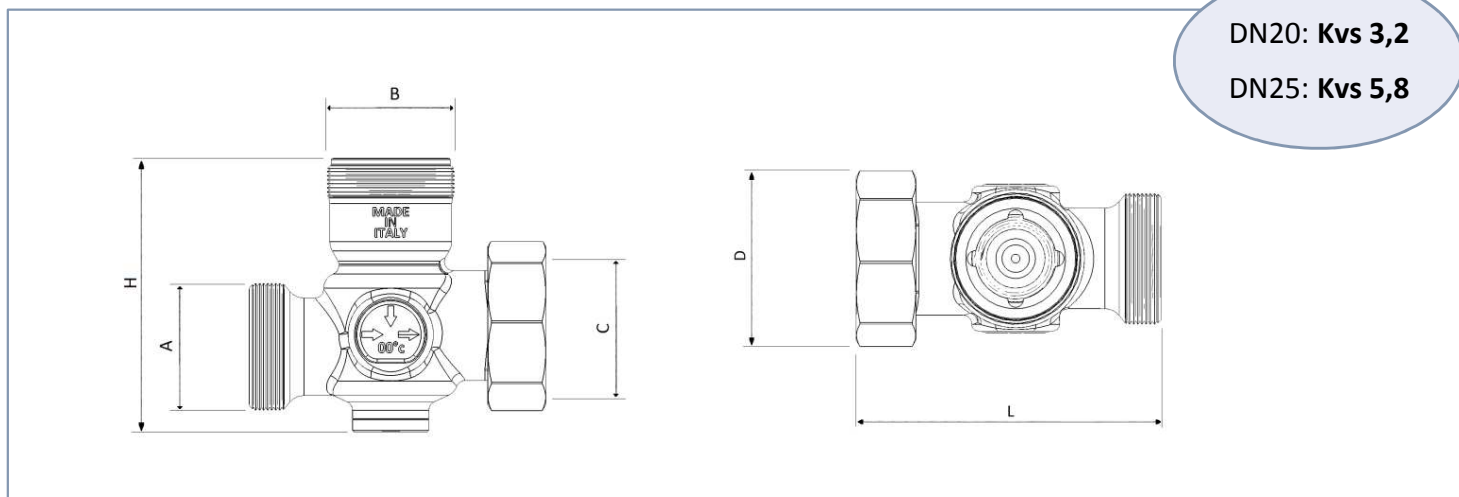


VALVOLA TERMOSTATICA ANTICONDENSA

- Temperature di taratura: 60°C standard (su richiesta 50°C, 55°C, 65°C, 70°C)
- Temperatura massima: 110° C
- Range apertura / chiusura: ±5°C
- Attacco pompa diretto con dado

ANTI-CONDENSATION VALVE WITH THERMOSTATIC CONTROL

- Temperature calibration: 60°C standard (available 50°C, 55°C, 65°C, 70°C)
- Max temperature: 110° C
- Starting opening / closing range: ±5°C
- Connection to the pump direct with the nut



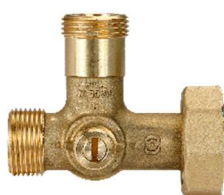
ART	COD.	° C	DN	A	B	C	D	L	H
3550 1"	C0105009-50	50°	20	1" M	1" M	1" F	38	80	74
	C0105009-60	60°							
	C0105009-65	65°							
	C0105009-70	70°							
3550 1" 1/4	C0105550-50	50°	25	1"¼ M	1"¼ M	1" ½ F	53	87	89
	C0105550-55	55°							
	C0105550-60	60°							
	C0105550-65	65°							
	C0105550-70	70°							

KIT TERMOSTATICO / THERMOSTATIC		
1"	50°C	C0505078
	60°C	C0505079
	65°C	C0505080
	70°C	C0505081
1" 1/4	50°C	C0505083
	55°C	C0505084
	60°C	C0505085
	65°C	C0505086
	70°C	C0505087

Valvola a 3 vie termostatica per gestione anti-condensa su generatore a biomassa. Le valvole possono essere collegate direttamente al circolatore allo scopo di ottimizzare lo spazio e la loro asimmetria permette di avere montaggio anti-errore.

3-way thermostatic valve for anti-condensation management of biomass generator. The valves can be connected directly to the circulating pump in order to optimize the space and the asymmetry allows them to have anti-mounting error.

ART. 3400



MISCELATRICE 3 VIE MOTORIZZATA

Cod. 1" CF105340 / Cod. 1"½ CF105341 (valvola+motore)

- Tensione alimentazione: 230V/50 Hz
- Pmax d'esercizio: 10 bar.
- Modalità attuazione controllo 3 punti
- Temperatura massima: 110° C.

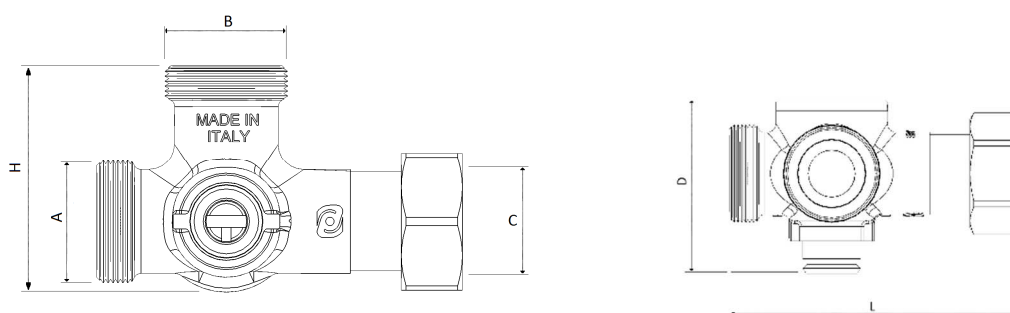
3-WAY MOTORIZED MIXING VALVE

Cod. 1" CF105340 / Cod. 1"½ CF105341 (valve+motor)

- Voltage power: 230V/50 Hz
- Max working pressure: 10 bar
- Execution details 3-points control mode
- Max temperature: 110° C.

DN20: Kvs 3,2

DN25: Kvs 5,5



COD.	DN	A	B	C	D	L	H
C0105340	20	1" M	1" M	1" F	63	89	59
C0105341	25	1" M	1" M	1" ½ F	63	93	91

* Altre misure disponibili / Other dimensions available

MOTORE SERVOCOMANDO

Il servocomando, grazie all'elettronica integrata, è in grado di controllare la posizione della sfera all'interno del corpo valvola miscelatore in funzione della temperatura istantanea del fluido miscelato e della temperatura desiderata.

MOTORISED BALL VALVE SYSTEM

This device, thanks to the integrated electronics, is able to control the position of the ball inside the mixing valve as a function of the instantaneous temperature of the fluid, and the desired temperature.



CODICE - CODE

83005131

ART. 3424



MISCELATRICE 4 VIE MOTORIZZATA

Cod. C0105424 (valvola+motore)

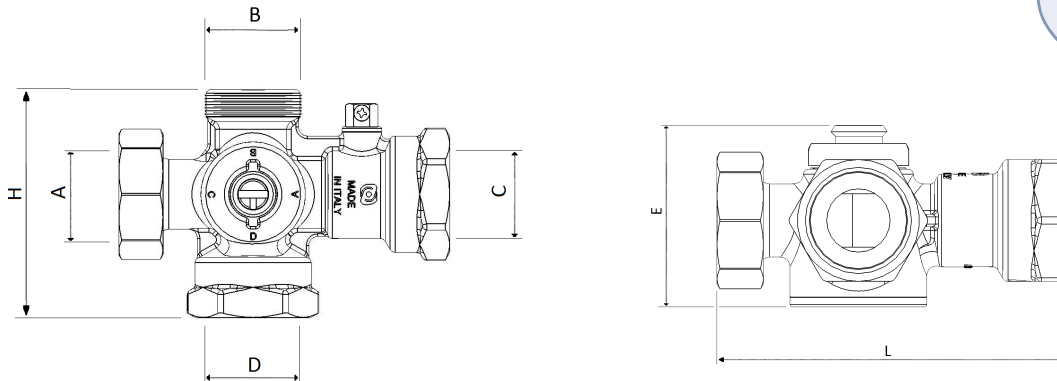
- Porta sonda incluso
- Tensione alimentazione: 230V/50 Hz
- Pmax d'esercizio: 10 bar
- Modalità attuazione controllo 3 punti
- Temperatura massima: 110° C.

4-WAY MOTORIZED MIXING VALVE

Cod. C0105424 (valve+motor)

- Sensor probe included
- Voltage power: 230V/50 Hz
- Max working pressure: 10 bar
- Execution details 3-points control mode
- Max temperature: 110° C.

DN 25: Kvs 10



COD.	DN	A	B	C	D	E	L	H
M0105424	25	1"½ F	1"¼ M	1"¼ F	1"¼ F	75	132	98

MOTORE SERVOCOMANDO

Il servocomando, grazie all'elettronica integrata, è in grado di controllare la posizione della sfera all'interno del corpo valvola miscelatore in funzione della temperatura istantanea del fluido miscelato e della temperatura desiderata.



MOTORISED BALL VALVE SYSTEM

This device, thanks to the integrated electronics, is able to control the position of the ball inside the mixing valve as a function of the instantaneous temperature of the fluid, and the desired temperature.

CODICE - CODE

83005131

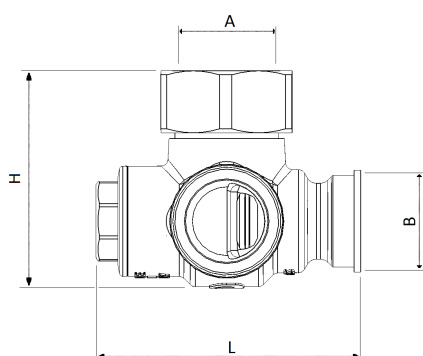
ART. 3562

**VALVOLA TERMOSTATICA ANTICONDENSA ECCENTRICA**


- Temperatura massima: 110° C

ECCENTRIC ANTI-CONDENSATION VALVE WITH THERMOSTATIC CONTROL

- Max temperature: 110° C



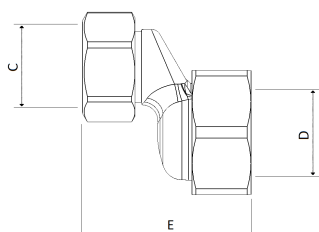
DN 20: Kvs 3,2

ART	COD.	° C	DN	A	B	L	H	KIT TERMOSTATICO / THERMOSTATIC		
3562	M0105562-50	50°	20	1" F	Tubo Hose ∅ 18	77	63		50°	C0505078
	M0105562-60	60°							60°	C0505079
	M0105562-65	65°							65°	C0505080
	M0105562-70	70°							70°	C0505081

Valvola a 3 vie idonea per miscelazione termostatica. La valvola in ottone ad elevate prestazioni, adatta per l'uso in impianti di riscaldamento con temperatura di taratura standard a 60°. La caratteristica principale di questa miscelatrice termostatica anticondensa è l'eccentricità, questo aiuta l'attacco in situazioni particolari facendo guadagnare tempo e spazio.

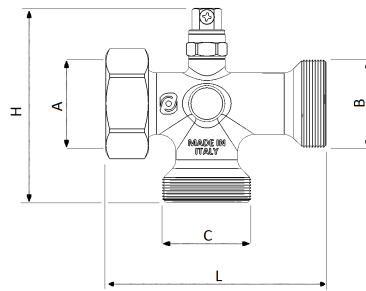
3-way valve suitable for thermostatic mixing. The high performance brass valve, suitable for use in heating installations with standard calibration temperature to 60° C. The main feature of this anti-condensing thermostatic mixing valve is the eccentricity, this helps the connection in special situations gaining time and space.

ART. 3562


**RACCORDO ECCENTRICO ATTACCO F x F
DADO FOLLE
ECCENTRIC CONNECTION F x F WITH NUT**

CODE	DN	C	D	E
M1605562	20	3/4 F	1" F	32

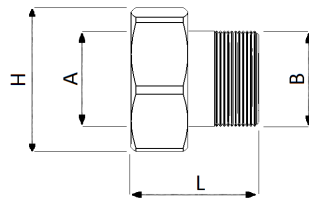
ART. 3461



RACCORDO A «T» CON PORTASONDA
«T» CONNECTION WITH SENSOR PROBE

COD.	A	B	C	L	H
M0105461	1" ¼ F	1" ¼ M	1" ¼ M	93	92

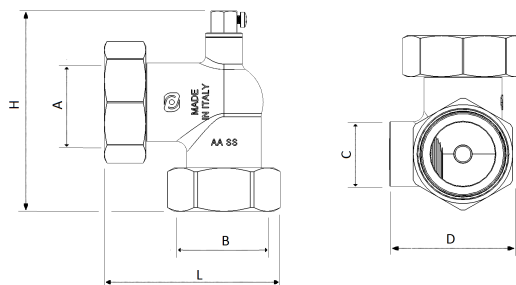
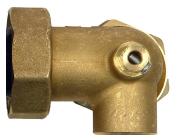
KIT 880



RACCORDO DI COLLEGAMENTO M x F
CONNECTION M x F

COD.	A	B	L	H
11605197	1" F	¾ M	38	∅ 37
11605196	1 ¼ F	1" M	44	∅ 47

ART. 3417



RACCORDO A 90°
90° CONNECTION

COD.	A	B	C	D	L	H
M1605420	1" ½ F	1" ¼ F	¾ F	50	76	69

59405104



KIT COIBENTAZIONE NOVAMAT

Cover isolante che permette installazione personalizzata con configurazione destra o sinistra.

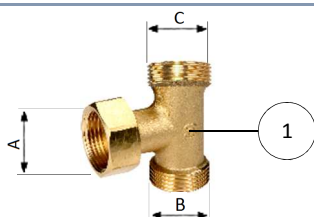
KIT INSULATION NOVAMAT

Insulating cover that allows to custom and set the installation to the right and to the left.

COD.	Lunghezza / Length	Altezza / Height	Lenght
59405104	215	255	80

ART. 3418

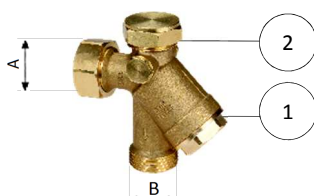
- 1. Raccordo a T
- 1. T-coupling



COD.	A	B	C
C1605415	1" F	1" M	1" M
C1605418	1 1/4" F	1 1/4" M	1" M

ART. 3438

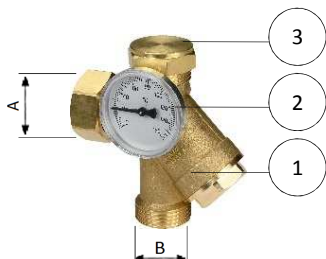
- 1. Raccordo con filtro
- 2. Tappo
- 1. Coupling with filter
- 2. Cap



COD.	A	B
C0105438	1" F	1" M

ART. 20503

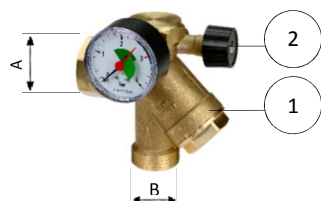
- 1. Raccordo con filtro
- 2. Termometro
- 3. Tappo
- 1. Coupling with filter
- 2. Thermometer
- 3. Cap



COD.	A	B
19920503	1" F	1" M

ART. 20505

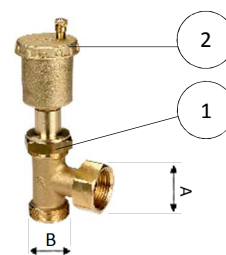
- 1. Raccordo con filtro
- 2. Rubinetto di carico
- 1. Coupling with filter
- 2. Filling valve



COD.	A	B
19920505	1" F	1" M

ART. 20522

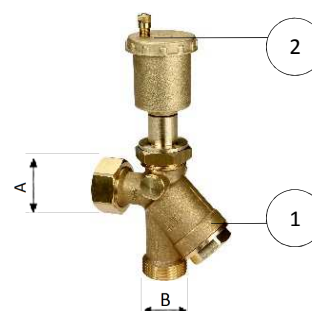
- 1. Raccordo a T
- 2. Valvola di sfiato
- 3. T-coupling
- 4. Air-vent



COD.	A	B
19920522	1" F	1" M

ART. 20502

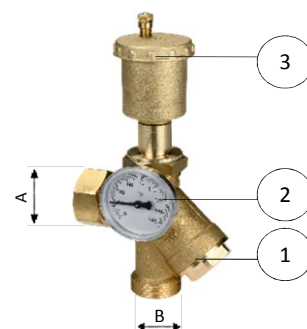
- 1. Raccordo con filtro
- 2. Valvola di sfiato
- 1. Coupling with filter
- 2. Air vent



COD.	A	B
19920502	1" F	1" M

ART. 20504

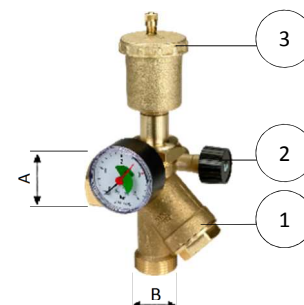
- 1. Raccordo con filtro
- 2. Termometro
- 3. Valvola di sfiato
- 1. Coupling with filter
- 2. Thermometer
- 3. Air vent



COD.	A	B
19920504	1" F	1" M

ART. 20506

- 1. Raccordo con filtro
- 2. Rubinetto di carico
- 3. Valvola di sfiato
- 1. Coupling with filter
- 2. Filling valve
- 3. Air vent

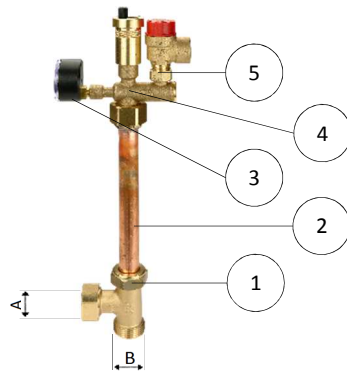


COD.	A	B
19920506	1" F	1" M

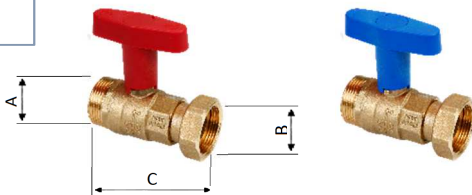
ART. 20520
M x F

1. Raccordo a T
2. Tubo
3. Termometro
4. Valvola di sfianto
5. Valvola di sicurezza

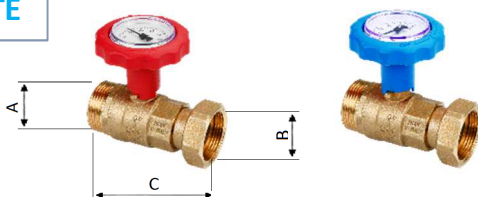
1. Coupling with filter
2. Pipe
3. Thermometer
4. Air-vent
5. Safety valve



COD.	A	B
99920520	1" F	1" M

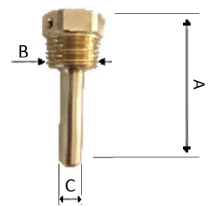
ART. 843/T
M x F


COD.	MAN-HANDLE	DN	A	B	C
10305003	rossa-red	25	1" M	1"¼ F	80
10305004	blu-blue	25	1" M	1"¼ F	80
10305017	rossa-red	25	1"¼ M	1"¼ F	80
10305018	blu-blue	25	1"¼ M	1"¼ F	80

ART. 843/TE
M x F


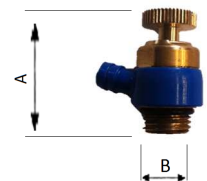
COD.	MAN-HANDLE	DN	A	B	C
10305001	rossa-red	25	1" M	1"¼ F	80
10305002	blu-blue	25	1" M	1"¼ F	80
10305015	rossa-red	25	1"¼ M	1"¼ F	80
10305016	blu-blue	25	1"¼ M	1"¼ F	80

ART. 3609

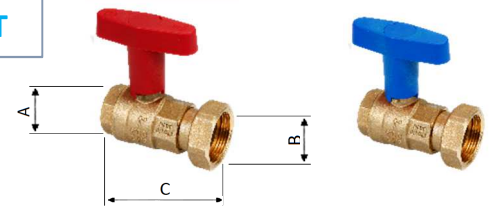
 Pozzetto per sonda \varnothing 6mm
 Sensor probe \varnothing 6mm


COD.	A	B	C
31405101	58	1/2 M	\varnothing 7

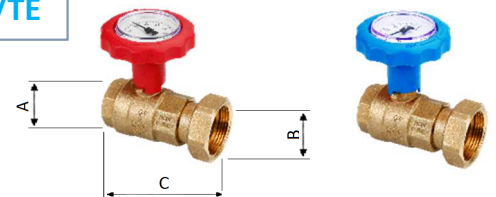
ART. RSBLUE

 Valvola sfianto aria
 Air purge valve


COD.	A	B
50105001	28	1/4 M

ART. 820/T
F x F


COD.	MAN-HANDLE	DN	A	B	C
10305007	rossa-red	25	1" F	1"¼ F	80
10305008	blu-blue	25	1" F	1"¼ F	80
10305021	rossa-red	25	1"¼ F	1"¼ F	80
10305022	blu-blue	25	1"¼ F	1"¼ F	80

ART. 820/TE
F x F


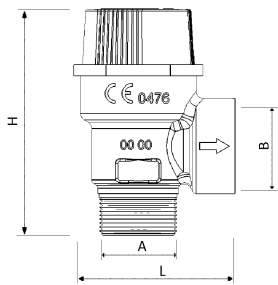
COD.	MAN-HANDLE	DN	A	B	C
10305005	rossa-red	25	1" F	1"¼ F	80
10305006	blu-blue	25	1" F	1"¼ F	80
10305019	rossa-red	25	1"¼ F	1"¼ F	80
10305020	blu-blue	25	1"¼ F	1"¼ F	80

COMPONENTISTICA DI SICUREZZA

SAFETY ACCESSORIES



4000



VALVOLA DI SICUREZZA / SAFETY VALVE

Campo di temperatura -20°C / +160°C

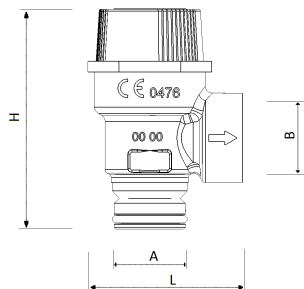
Temperature range -20°C / +160°C

Certificazioni / Certifications: 

COD.	A	B	L	H	BAR*
10005403	1/2 M	1/2 F	40	60	3

* Seguenti Bar disponibili / Bar available : 1,5 - 2 - 2,5 - 3 - 4 - 6

4001



VALVOLA DI SICUREZZA / SAFETY VALVE

Campo di temperatura -20°C / +160°C

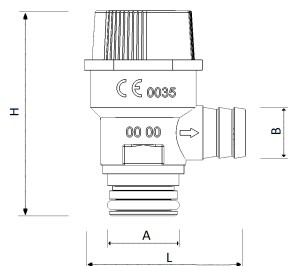
Temperature range -20°C / +160°C

Certificazioni / Certifications: 

COD.	A	B	L	H	BAR*
10005503	∅ 20	1/2 F	42	61	3

* Seguenti Bar disponibili / Bar available : 1,5 - 2 - 2,5 - 3 - 4 - 6

4007



VALVOLA DI SICUREZZA / SAFETY VALVE

Campo di temperatura -20°C / +160°C

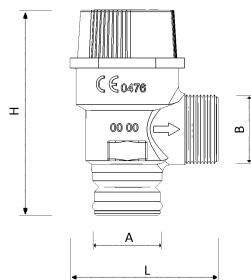
Temperature range -20°C / +160°C

Certificazioni / Certifications: 

COD.	A	B	L	H	BAR*
10005933	∅ 20	∅ 14	47	65	3

* Seguenti Bar disponibili / Bar available : 1,5 - 2 - 2,5 - 3 - 4 - 6

4008



VALVOLA DI SICUREZZA / SAFETY VALVE

Campo di temperatura -20°C / +160°C

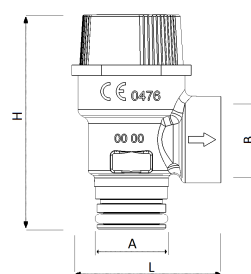
Temperature range -20°C / +160°C

Certificazioni / Certifications: 

COD.	A	B	L	H	BAR*
10005963	∅ 20	1/2 M	44	67	3

* Seguenti Bar disponibili / Bar available : 1,5 - 2 - 2,5 - 3 - 4 - 6

4009



VALVOLA DI SICUREZZA / SAFETY VALVE

Campo di temperatura -20°C / +160°C

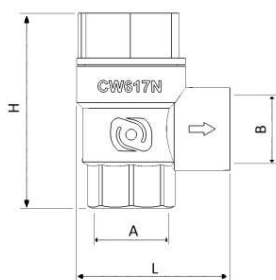
Temperature range -20°C / +160°C

Certificazioni / Certifications: 

COD.	A	B	L	H	BAR*
10005973	∅ 20	1/2 F	41	64	3

* Seguenti Bar disponibili / Bar available : 1,5 - 2 - 2,5 - 3 - 4 - 6

5002



VALVOLA DI SICUREZZA / SAFETY VALVE

Campo di temperatura -20°C / +160°C

Temperature range -20°C / +160°C

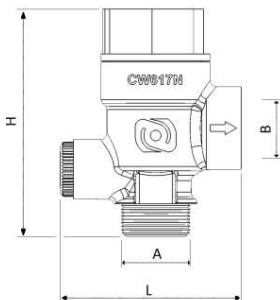
Certificazioni / Certifications:



COD.	A	B	L	H	BAR*
10005237	1/2 F	1/2 F	47	59	3
10005231	1/2 F	3/4 F	48	59	3
10005286	3/4 F	3/4 F	50	59	3
10005232	3/4 F	1" F	53	59	3

* Seguenti Bar disponibili / Bar available : 1,5 - 2 - 2,5 - 3 - 4 - 6 - 7 - 8 - 10

5003



VALVOLA DI SICUREZZA / SAFETY VALVE

Campo di temperatura -20°C / +160°C

Temperature range -20°C / +160°C

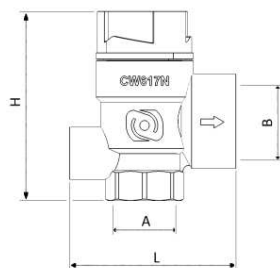
Certificazioni / Certifications:



COD.	A	B	L	H	BAR*
10005039	1/2 M	1/2 F	56	69	3

* Seguenti Bar disponibili / Bar available : 1,5 - 2 - 2,5 - 3 - 4 - 6 - 7 - 8 - 10

5004



VALVOLA DI SICUREZZA / SAFETY VALVE

Campo di temperatura -20°C / +160°C

Temperature range -20°C / +160°C

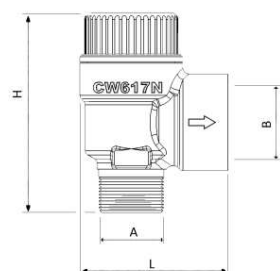
Certificazioni / Certifications:



COD.	A	B	L	H	BAR*
10005149	1/2 F	3/4 F	57	62	3

* Seguenti Bar disponibili / Bar available : 1,5 - 2 - 2,5 - 3 - 4 - 6 - 7 - 8 - 10

5000



VALVOLA DI SICUREZZA / SAFETY VALVE

Campo di temperatura -20°C / +160°C

Temperature range -20°C / +160°C

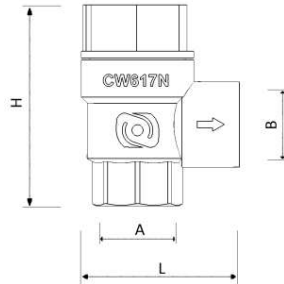
Certificazioni / Certifications:



COD.	A	B	L	H	BAR*
10005070	1/2 M	3/4 F	50	64	3

* Seguenti Bar disponibili / Bar available : 1,5 - 2 - 2,5 - 3 - 4 - 6 - 7 - 8 - 10

5002



VALVOLA DI SICUREZZA / SAFETY VALVE

Campo di temperatura -20°C / +160°C
Temperature range -20°C / +160°C

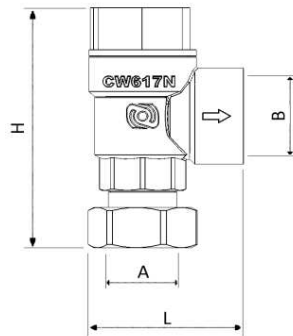
Certificazioni / Certifications:



COD.	A	B	L	H	BAR*
10005277	1/2 F	1/2 F	47	59	3
10005233	1/2 F	3/4 F	48	59	3
10005274	3/4 F	3/4 F	50	59	3
10005234	3/4 F	1" F	53	59	3

* Seguenti Bar disponibili / Bar available : 1,5 - 2 - 2,5 - 3 - 4 - 6 - 7 - 8 - 10

5012



VALVOLA DI SICUREZZA / SAFETY VALVE

Campo di temperatura -20°C / +160°C
Temperature range -20°C / +160°C

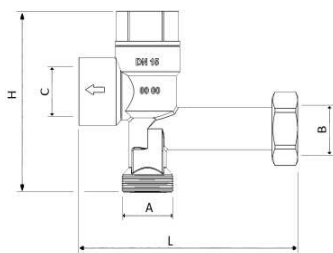
Certificazioni / Certifications:



COD.	A	B	L	H	BAR*
10005317	3/4 DF	3/4	48	71	2,5

* Seguenti Bar disponibili / Bar available : 1,5 - 2 - 2,5 - 3 - 4 - 6 - 7 - 8 - 10

3098/N



VALVOLA DI SICUREZZA / SAFETY VALVE

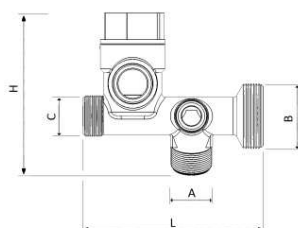
Campo di temperatura -20°C / +160°C
Temperature range -20°C / +160°C

Certificazioni / Certifications:



COD.	A	B	C	L	H	BAR*
C0105101	3/4 M	15	3/4 F	104	83	6

3095



VALVOLA DI SICUREZZA / SAFETY VALVE

Campo di temperatura -20°C / +160°C
Temperature range -20°C / +160°C

Certificazioni / Certifications:



COD.	A	B	C	L	H	BAR*
C0105095	1/2 M	1" M	1/2 M	92	77	8

ART. 42415

VALVOLA DI SCARICO TERMICO

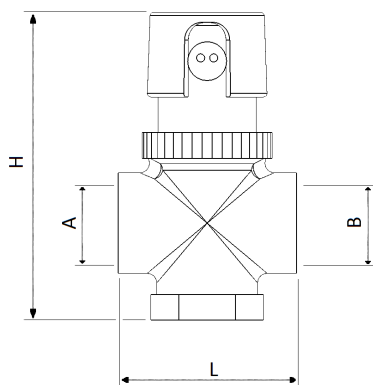
- Pmax d'esercizio: 6 bar
- Temperatura massima di esercizio: 110°C
- Campo di temperatura: 5°C / 50°C
- Campo di temperatura ambiente: 1°C / 50°C
- Temperatura di taratura: 100°C (0°C / -5°C)
- Portata di scarico a Δp di 1 bar e T=110°C: 1600l/h
- Capillare da 1,30 mt (disponibile anche 4 mt)
- Doppio bulbo

TEMPERATURE RELIEF VALVE

- Max working pressure: 6 bar
- Max working temperature: 110° C
- Temperature range: 5° C / 50° C
- Ambient temperature range: 1° C / 50° C
- Temperature calibration: 100° C (0° C / -5° C)
- Drain range at Δp 1 bar and T=110° C: 1600l/h
- Capillary length 1,30 mt (4 mt is also available)
- Double bulb



Certificazioni / Certifications:



COD.	DN	A	B	L	H
50705060	20	3/4 F	3/4 F	65	95

Valvola di scarico termico, ad azione positiva, con reintegro incorporato. Valvola a scarico termico con due sensori indipendenti. Nel caso in cui una misurazione termica dovesse fallire, la funzionalità della valvola è sempre garantita.

Temperature relief valve, with fail-safe action with two independent sensor systems. If one of the two temperature measurement fails, the function of the valve is always guaranteed.

**KIT DI SICUREZZA
SAFETY GROUPS**

3161

Gruppo di sicurezza per circuiti chiusi

Safety group for closed loops



3161/C

Gruppo di sicurezza con coibentazione

Safety group with insulation



COD.	Attacco - Connection	Potenza - Power
19905061	1" F	50 kW

COD.	Attacco - Connection	Potenza - Power
19905076	1" F	50 kW

3162

Gruppo di sicurezza per circuiti chiusi

Safety group for closed loops



1335

Gruppo di sicurezza ritorno

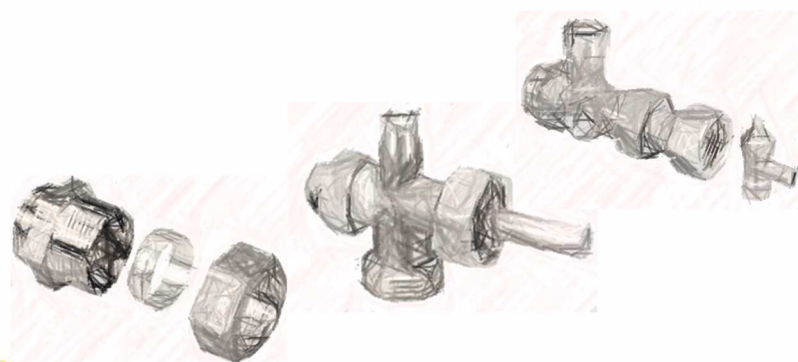
Return safety group



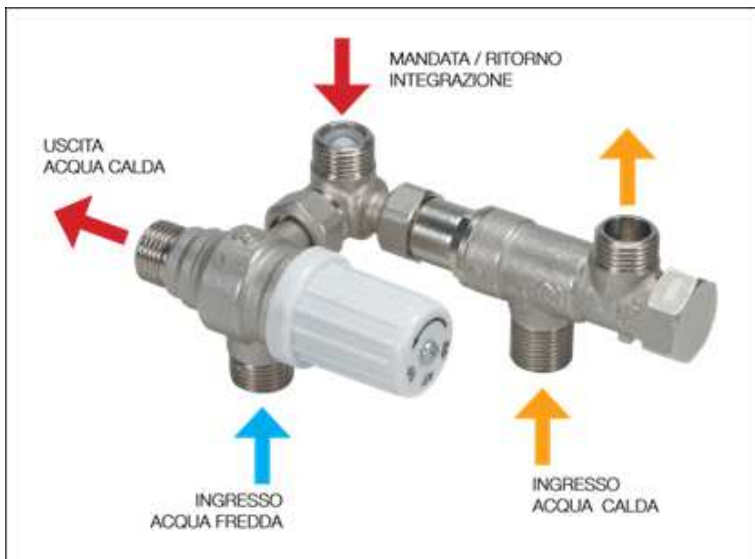
COD.	Attacco - Connection	Potenza - Power
19905662	1" F	100 kW

COD.	Attacco - Connection	Potenza - Power
10305515	3/4 x 3/4	6 bar / 50 kW

ACCESSORI PER SOLARE TERMICO SOLAR ACCESSORIES



ART. 3146



CARATTERISTICHE

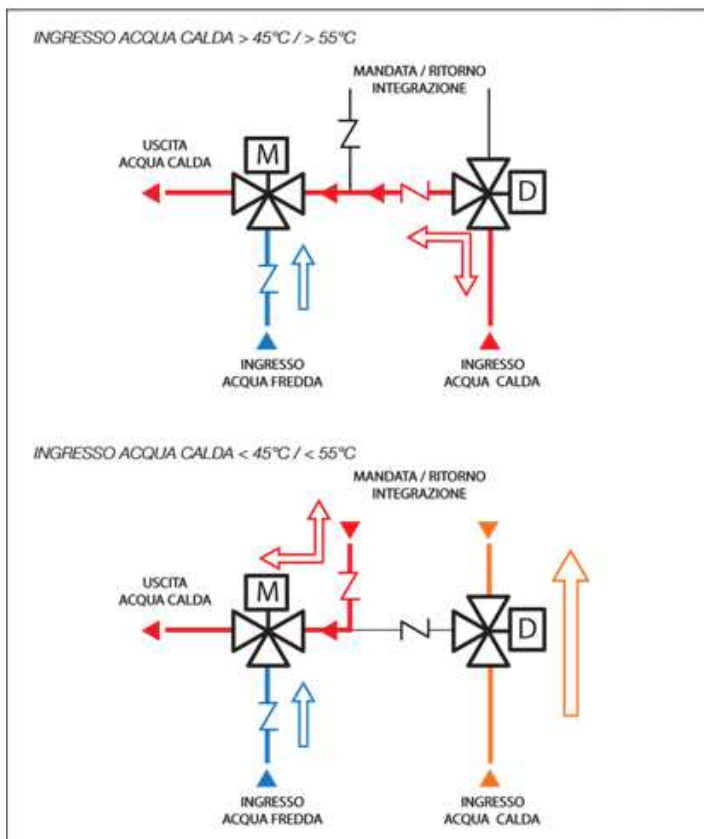
Fluido	Acqua Potabile
P.a. max.	10 Bar
T. max.	95° C
T. Deviatore	45° - 55° C
T. Miscelatore	35° - 55° C

CHARACTERISTICS

Fluid	Drinking water
Max. pressure	10 Bar
Max. temperature	95° C
T. Divertor	45° - 55° C
T. Mixing valve	35° - 55° C

NOVAMIX

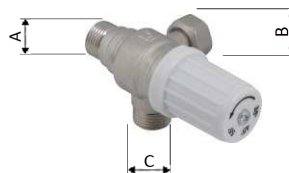
GRUPPO MISCELATORE -DEVIATORE
TERMOSTATICO
THERMOSTATIC MIXING AND DIVERTING UNIT
NOVAMIX



COD.	ATTACCHI - CONNECTION	° C
19909201	1/2 M	45°
19909200	1/2 M	55°

ART. 3094/1

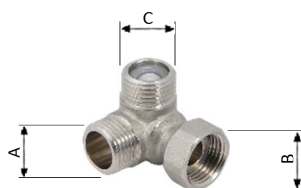
Valvola miscelatrice
Mixing valve



COD.	A	B	C
C0109195	1/2 M	1/2 F	1/2 M

ART. 3136

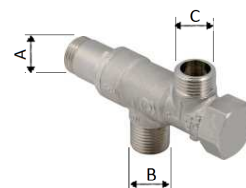
Distributore 3 vie



COD.	A	B	C
C0109004	1/2 M	1/2 F	1/2 M

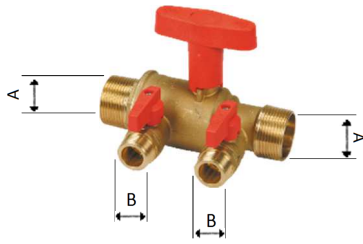
ART. 3137

Deviatrice termostatica con
frutto da 45°C e 55°C
Thermostatic diverting unit
available with 45°C and 55°C



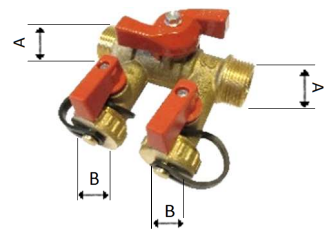
45° C	55° C	A	B	C
C0109145	C0109155	1/2 M	1/2 M	1/2 M

ART. 498
M x M

 Gruppo di carico scarico
Filling flushing unit


COD.	A	B
19905087	1" ¼ M	3/4 M

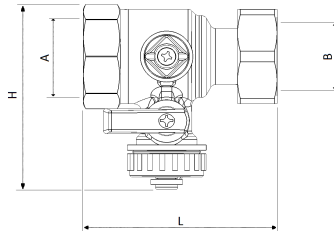
ART. 588*
M x M

 Gruppo di carico scarico
Filling flushing unit


COD.	A	B
10305595**	3/4 M	3/4 M
10305585	Ø 22	Ø 22

* Disponibili altre misure e con coibentazione / Other dimensions available and also insulation

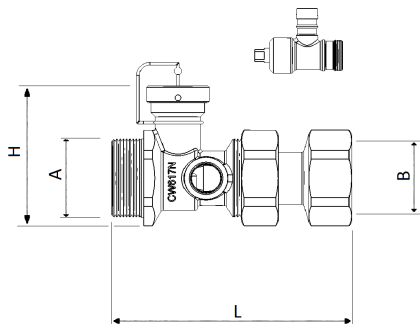
** Maniglia a «T» e portagomma / «T» handle and hose connection

ART. 1483

 Valvola a sfera attacco carico/scarico 3/4 M con
 tappo

Dado girevole da 3/4 e da 1"

*Ball valve with drain and filling tap connection
 3/4M with cap*
Available with nut 3/4 and 1"

COD.	DN	A	B	L	H
10305483	15	3/4 M	3/4 F	60	60
10305485	15	3/4 F	3/4 F	54	60
10305484	20	1" F	1" F	65	65

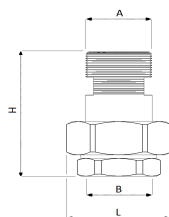
ART. 483

 Valvola per intercettazione vasi d'espansione, con
 rubinetto di scarico per circuito sanitario.

Pmax d'esercizio: 6 bar.

Tmax d'esercizio: 85° C.

*Ball shut-off valve for expansion vessels, with drain
 cock for domestic water system.*
Max. working pressure: 6 bar.
Max. working temperature: 85° C.

COD.	DN	A	B	L	H
10605633	15	3/4 M	3/4 F	97	56
10605635	20	1" M	1" F	98	60

ART. 3149

 Raccordo per intercettazione vaso espansione.
 Per circuito sanitario.

*Connection for expansion vessels.
 For domestic water system.*

COD.	DN	A	B	L	H
C0105151	10	1/2 F	1/2 M	33	48
C0105149	10	3/4 F	3/4 M	48	56

ART. 1490



Flussimetro M x F
Flow-meter M x F

Lt/Min	15x1	18x1	22x1	¾ x1	1x1	18x1" ½	22x1" ½	¾x1" ½	1x1" ½
1-6	10405599	10405588	10405613	10405593	10405716	.....	10405574	10405918	10405575
2-12	10405589	10405590	10405592	10405595	10405597	10405579	10405580	10405577	10405578
8-28	.....	10405612	10405591	10405600	10405594	10405585	10405587	10405576	10405581
8-38	.....	10405598	10405571	10405603	10405604	.....	10405584	.....	10405582

ART. 1388

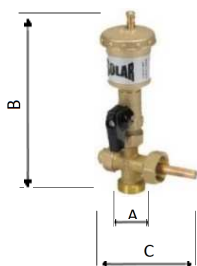


Flussimetro M x M
Flow-meter M x M

	1-6 Lt/Min	2-12 Lt/Min	8-28 Lt/Min	8-38 Lt/Min
1" M x 1" M	10405340	10405341	10405342	10405343

ART. 3141

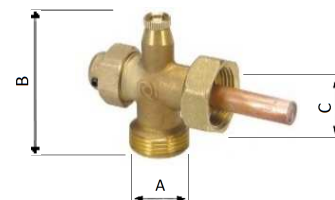
Kit gruppo sonda con sfiato automatico e rubinetto
Kit sensor probe with automatic air-vent and drain cock



COD.	A	B	C
19905007	3/4 M	172	95

ART. 3139

Raccordo portasonda e sfiato manuale
Connection sensor probe and manual air-vent

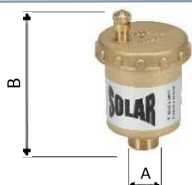


COD.*	A	B	C	MAX Ø SONDA MAX Ø SENSOR
C0105137	3/4 M	64	3/4	Ø 6
C0105138	3/4 M	64	3/4	Ø 8

*Altri attacchi e lunghezze disponibili / Other connections and length available

ART. AV01

Sfogo aria automatico
Automatic air-vent



COD.	COD.	UTILIZZO/USE	A	B
80105303 no O-Ring	CF105303 incl. O-Ring	Risc./Heating	3/8	80
80105311 no O-Ring	CF105311 incl. O-Ring	Risc./Heating	1/2	80
80105301 no O-Ring	CF105301 incl. O-Ring	Solare/Solar	3/8	80
80105306 no O-Ring	CF105306 incl. O-Ring	Solare/Solar	1/2	80

ART. AV02

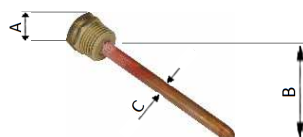
Sfogo aria automatico per solare
Automatic air-vent for solar



COD.	UTILIZZO/USE	A	B
80105201	Solar/Solare	3/8	78

ART. 3362

Raccordo portasonda
Sensor probe pocket



COD.	A	B	C
C1405100	1/2 M	100 mm	Ø 7

ART. 1207

Valvola gialla maniglia alluminio nera
Ball valve black aluminium handle

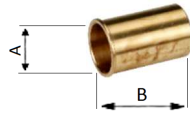


COD.	A	B	C
10305208	3/8 F	1/2 M	46,5

* Altri attacchi e lunghezze disponibili / Other connections and length available

RACCORDERIA/ CONNECTIONS
ART. 3294

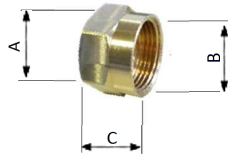
Bussola di rinforzo
Reinforcement



COD.	A Ø INT.	B
12205110	ø 6,7	23
12205112	ø 8,6	23
12205115	ø 11	23
12205118	ø 14,4	26
12205122	ø 18,1	26,5

ART. 3296

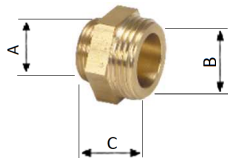
F x F



COD.	A	B	C
31405036	3/4 M	3/4 M	29
31405044	3/4 M	1" M	28
31405022	1" M	1" M	24

ART. 3257

M x M



COD.	A	B	C
C1405039	3/4 M	1" M	32
C1405285	3/4 M	1/2 M	32
C1405286	1" M	1" M	32
C1405044	3/4 M	3/4 M	31

ART. 3295

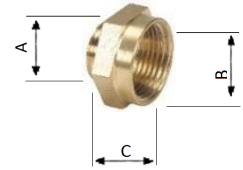
ogiva/olive x ogiva/olive



COD.	A	B	C
C1405038	ø 18	ø 18	46

ART. 3265

M x F

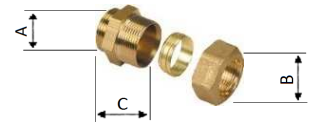


COD.	A	B	C
C1405236	1/2 M	1/2 F	15
C1405058	3/8 M	3/4 F	15
C1405289	3/4 M	1/4 F	15
C1405034	1" M	3/4 F	15
C1405059	1" M	3/4 F	15

ART. 3258

M x ogiva/olive

Raccordo con attacco ogiva
Connection with olive

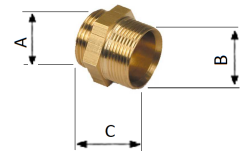


COD.	A	B	C
19805058	3/4 M	ø 18	32
19805041	3/4 M	ø 22	32
19805042	1" M	ø 28	32

ART. 025

M x ogiva/olive

Raccordo con OR
Straight connection with OR

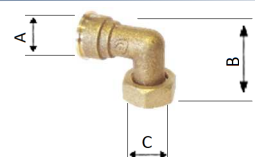


COD.	A	B	C
19805024	3/4 M	3/4 M	32
19805025	3/4 M	ø 10	32
19805026	3/4 M	ø 12	32
19805027	3/4 M	ø 15	32
19805028	3/4 M	ø 18	32
19805029	3/4 M	ø 22	32

ART. 3121

F x F

Angolo per collettori solari
Connection for solar panels



COD.	A	B	C
C1605121	ø 18	3/4	56

* Altri attacchi disponibili su richiesta / Other connections available on request

199050XX


Valvola a sfera per intercettazione vasi d'espansione, staffa, controdado, kit viti, tubo flessibile corrugato lunghezza 500 / 1000 mm

Ball shut-off valve for expansion vessels, bracket, locknut, screws kit, corrugated hose length 500 / 1000 mm

COD.	TUBO - TUBE	VALV.
19905034	L 500 mm	3/4 x 3/4
19905024	L 1000 mm	3/4 x 3/4

199050XX


Valvola a sfera per intercettazione vasi d'espansione, staffa, controdado e kit viti
Tubo flessibile corrugato lunghezza 500 mm e 1000 mm
Ball shut-off valve for expansion vessels, bracket, locknut and screws kit

COD.	TUBO - TUBE	VALV.
19905025	L 500 mm	3/4 x 3/4
19905036	L 1000 mm	3/4 x 3/4

19905026


Valvola a sfera per intercettazione vasi d'espansione, staffa e kit viti. Tubo flessibile corrugato lunghezza 500 mm

Ball shut-off valve for expansion vessels, bracket and screws kit. Corrugated hose length 500 mm

COD.	TUBO - TUBE	VALV.
19905026	L 500 mm	3/4 x 3/4

19905148


Valvola a sfera per intercettazione vasi d'espansione, staffa, controdado e kit viti

Ball shut-off valve for expansion vessels, bracket, locknut and screws kit

COD.	VALV.
19905148	3/4 x 3/4

ART. VE

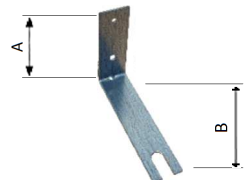
Vaso espansione
Expansion vessel



LT.	COD.
8	
12	
18	CF805104
24	CF805100
35	CF805101
50	CF805103

ART. SE01

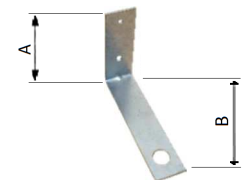
Staffa a "L" con asola per fissaggio a muro vaso espansione
L-bracket with fork opening for expansion vessel wall fixing



COD.	A	B
C9405040	150	215

ART. SE02

Staffa a "L" con foro per fissaggio a muro vaso espansione
L-bracket with hole for expansion vessel wall fixing



COD.	A	B
C9405039	150	215

ART. SF01

Staffa di fissaggio a muro
Wall fixing bracket


ART. FE00

Tubo flessibile per vaso espansione
Flexible pipe for expansion vessel



VALVOLE A SFERA PER APPLICAZIONI SPECIALI

BALL VALVES FOR SPECIAL APPLICATION



KIT VALVOLE PER POMPA KIT PUMP VALVE

ART. 6500

Valvola per pompa + valvola by-pass + pompa Grundfos

Pump valve + by-pass valve + Grundfos pump


19909107

Valvola per pompa, dado, guarnizione, maniglia a farfalla rossa

Pump valve, nut, gasket, red butterfly handle



COD.	DN	Attacchi - Connection
19909107	25	1" ¼ F x 2" F

199091XX

Valvola per pompa, dado, guarnizione, maniglia a «T» e termostatica rossa

Pump valve, nut, gasket, «T» and thermostatic red handle



COD.	DN	Attacchi - Connection
19909111	20	1" F x 1" ½ F
19909108	25	1" ¼ F x 2" F

199091XX

Valvola per pompa, dado, guarnizione, riduzione, maniglia blu termostatica

Pump valve, nut, gasket, reduction and thermostatic blue handle



COD.	DN	Attacchi - Connection	Riduzione - Reduction
19909112	20	1" F x 1" ½ F	1" F x 1" ½ M
19909109	25	1" ¼ F x 2" F	1" ¼ F x 2" M

1990911X

Valvola per pompa, dado e guarnizione, riduzione maniglia a «T» e termostatica rossa, maniglia blu termostatica

Pump valve, nut and gasket, reduction, «T» and thermostatic red handle, thermostatic blue handle



COD.	DN	Attacchi - Connection	Riduzione - Reduction
19909113	20	1" F x 1" ½ F	1" F x 1" ½ M
19909110	25	1" ¼ F x 2" F	1" ¼ F x 2" M

870/871

F x F



ART.	Maniglia Handle	1" x 1" ½ DN. 20	1" ¼ x 2" DN. 25	Check valve
870	Rossa - Red	10409100	10409101	X
	Blu - Blue	10409102	10409103	X
871	Rossa - Red	10409105	10409106	✓
	Blu - Blue	10409128	10409129	✓

870/T-871/T

F x F



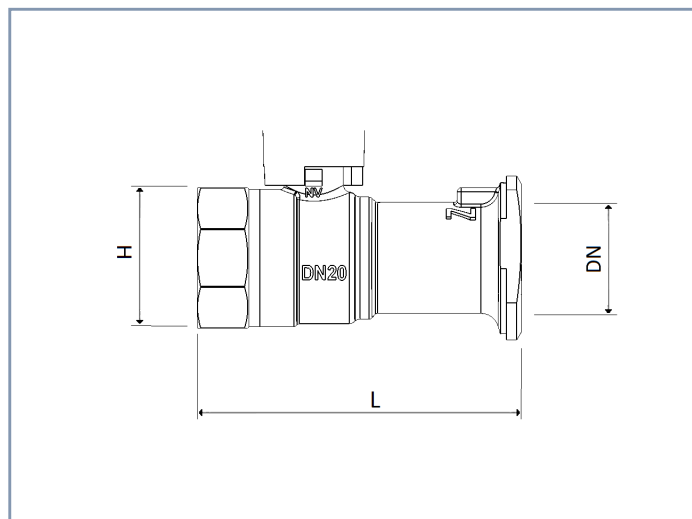
ART.	Maniglia Handle	1" x 1" ½ DN. 20	1" ¼ x 2" DN. 25	Check valve
870	Rossa - Red	10409110	10409111	X
	Blu - Blue	10409104	10409127	X
871	Rossa - Red	10409115	10409116	✓
	Blu - Blue	10409107	10409131	✓

870/TE-871/TE

F x F

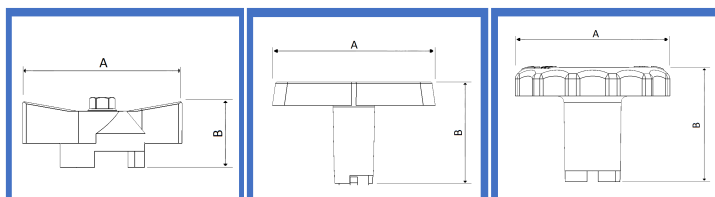


ART.	Maniglia Handle	1" x 1" ½ DN. 20	1" ¼ x 2" DN. 25	Check valve
870	Rossa - Red	10409113	10409117	X
	Blu - Blue	10409112	10409114	X
871	Rossa - Red	10409119	10409109	✓
	Blu - Blue	10409118	10409108	✓



DIMENSIONI - SIZE	1" F x 1" ½ F	1" ¼ F x 2" F
DN	20	25
PN	16	16
L	90	103
H	40	49

**Maniglie
Handle**



	A	B	A	B	A	B
3/4	50	18	83	59	72	52
1", 1"¼	70	19	83	59	72	52
1"½, 2"			122	76	72	52

VALVOLE A SFERA PER POMPA / BALL VALVE FOR PUMP
1870/1871
F x F

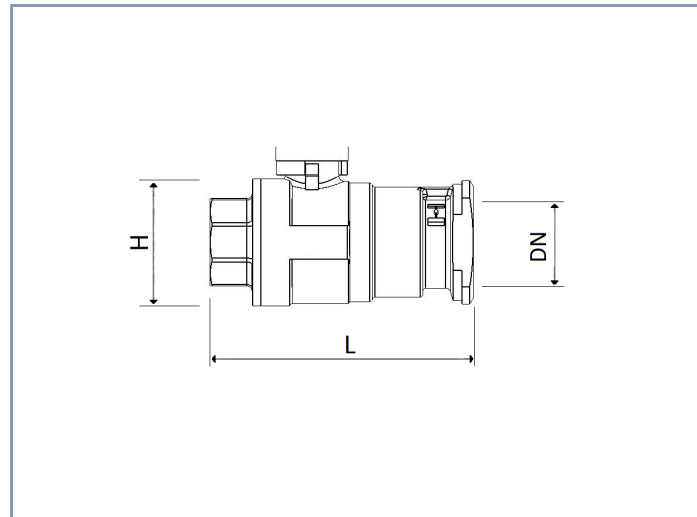
1870/T-1871/T
F x F


ART.	Maniglia Handle	¾ x 1" ½ DN. 20	1" x 1" ½ DN. 25	Check valve
1870	Rossa - Red	10405132	10405133	X
	Blu - Blue	10405134	10405135	X
1871	Rossa - Red	10405136	10405137	✓
	Blu - Blue	10405138	10405139	✓

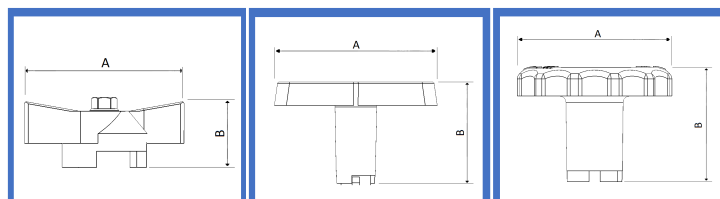
ART.	Maniglia Handle	¾ x 1" ½ DN. 20	1" x 1" ½ DN. 25	Check valve
1870	Rossa - Red	10405140	10405141	X
	Blu - Blue	10405142	10405143	X
1871	Rossa - Red	10405144	10405145	✓
	Blu - Blue	10405146	10405147	✓

1870/TE-1871/TE
F x F


ART.	Maniglia Handle	¾ x 1" ½ DN. 20	1" x 1" ½ DN. 25	Check valve
1870	Rossa - Red	10405148	10405149	X
	Blu - Blue	10405080	10405081	X
1871	Rossa - Red	10405090	10405091	✓
	Blu - Blue	10405150	10405151	✓



DIMENSIONI - SIZE	¾ x 1" ½ DN. 20	1" x 1" ½ DN. 25
DN	20	25
PN	16	16
L	96	103
H	44	53

**Maniglie
Handle**


	A	B	A	B	A	B
¾	50	18	83	59	72	52
1", 1"¼	70	19	83	59	72	52
1"½, 2"			122	76	72	52

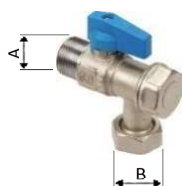
**VALVOLE PER CONTATORI
BALL VALVE FOR METERING UNITS**



1251

M – F

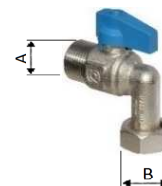
Filtro e dado
Filter and nut



1258

M – F

Dado girevole
With nut



COD.	DN	A	B
10309211	10	1/2 M	1/2 F
10309214	15	3/4 M	3/4 F

COD.	DN	A	B
10309258	15	3/4 M	3/4 F



1227

M – F

Dado girevole
With nut



1229

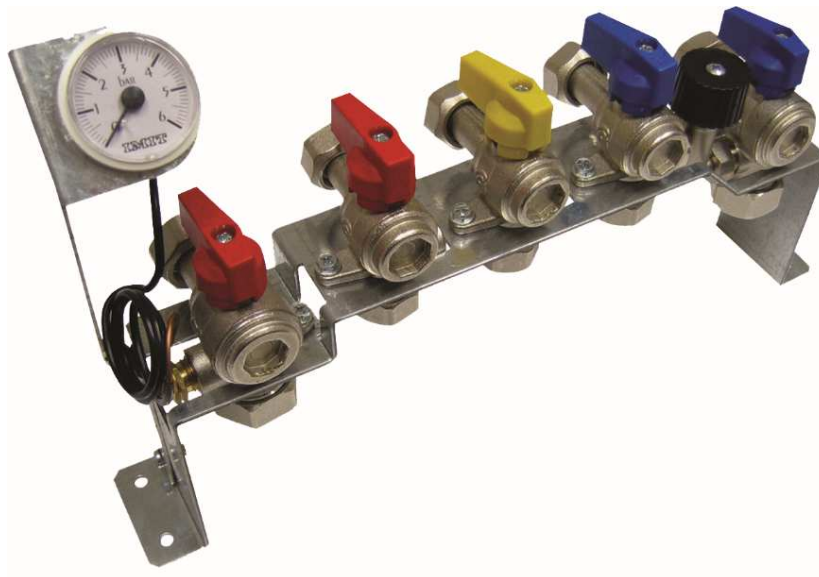
M – F

Dado girevole
With nut



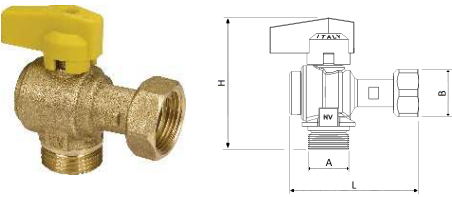
COD.	DN	A	B
10309139	15	3/4 M	3/4 F

COD.	DN	A	B
10309173	15	3/4 M	3/4 F



ART. 1240

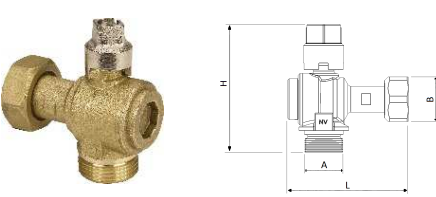
M x F



COD.	DN	A	B	L	H
10305244	10	1/2 M	1/2 F	58	67
10305250	15	3/4 M	3/4 F	58	67

ART. 1240/K

M x F

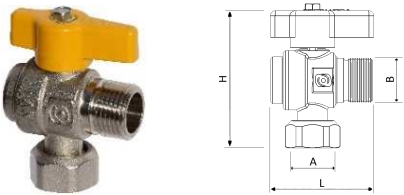


COD.	DN	A	B	L	H
10305246	15	3/4 F	3/4 M	58	51

ART. 1230

M x F

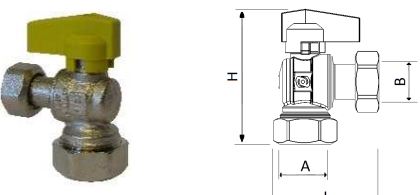
Normativa
Approved
EN 331 int. 25



COD.	DN	A	B	L	H
10305097	10	1/2 M	1/2 F	49	61
10305181	10	1/2 M	3/4 F	49	58
10309330	15	3/4 M	3/4 F	49	65

ART. 1340

F x ogiva / olive

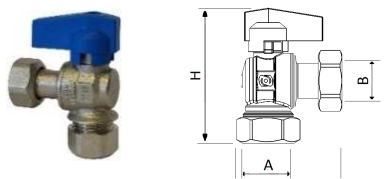


COD.	DN	A	B	L	H
10309780	10	∅ 15	1/2 F	46	64
10309779	10	∅ 22	1/2 F	46	64
*	15	∅ 22	3/4 F	48	66

* Disponibili altri colori di maniglie / Other handle colour available

ART. 1340

F x ogiva/olive

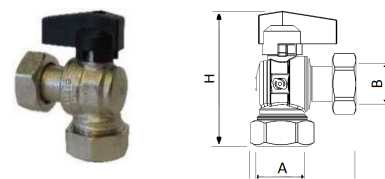


COD.	DN	A	B	L	H
10309785	10	∅ 15	1/2 F	46	64
*	10	∅ 22	1/2 F	46	64
10309782	15	∅ 22	3/4 F	48	66

* Disponibili altri colori di maniglie / Other handle colour available

ART. 1340

F x ogiva/olive

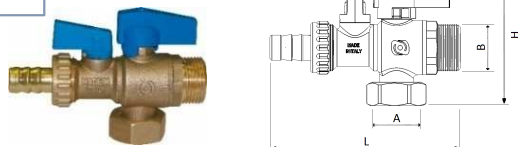


COD.	DN	A	B	L	H
*	10	∅ 15	1/2 F	46	64
*	10	∅ 22	1/2 F	46	64
10309786	15	∅ 22	3/4 F	48	66

* Disponibili altri colori di maniglie / Other handle colour available

ART. 1295

M x F

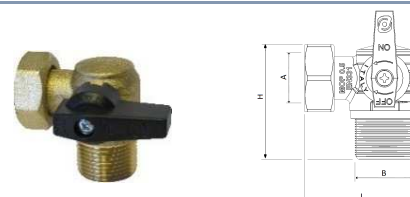


COD.	DN	A	B	L	H
10305428	15	3/4 F	3/4 M	108	51

* Altri colori disponibili di maniglie / Other handle colour available

ART. 1582

M x F

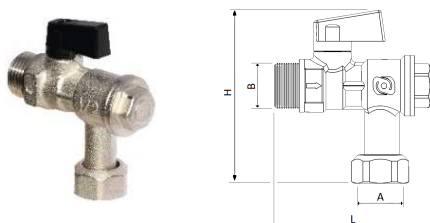


COD.	DN	A	B	L	H
10309759	10	1/2 F	1/2 M	40	49
10305860	15	3/4 F	3/4 M	51	51

ART. 1255/C

M x F

con filtro
with filter

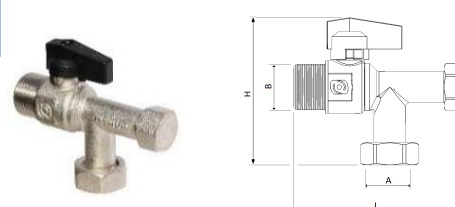


COD.	DN	A	B	L	H
10309205	10	1/2 F	1/2 M	72	79

ART. 1257

M x F

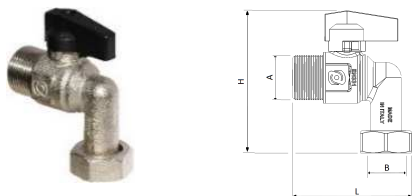
con filtro
with filter



COD.	DN	A	B	L	H
10309256	10	1/2	1/2	101	78
10309257	15	3/4	3/4	101	78

ART. 1258

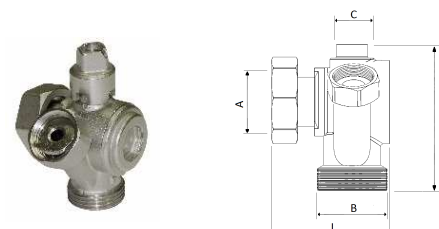
M x F



COD.	DN	A	B	L	H
10309259	15	3/4 M	3/4 F	69	77

ART. 1236

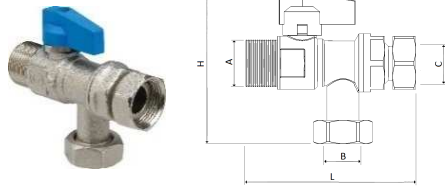
M x F



COD.	A	B	C	L	H
10309236	3/4 F	3/4 M	1/2 F	50	71

ART. 1253

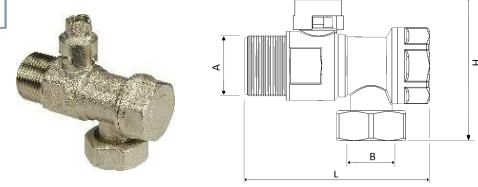
M x ogiva/olive



COD.	DN	A	B	L	H
10309230	15	3/4 M	3/4 F	92	77

ART. 1254/K

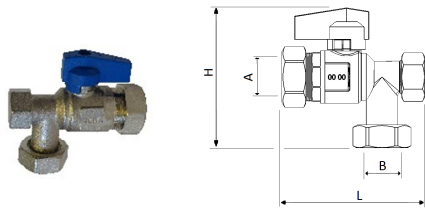
M x F
con filtro
with filter



COD.	DN	A	B	L	H
10309254	15	3/4 M	3/4 F	81	56

ART. 1357

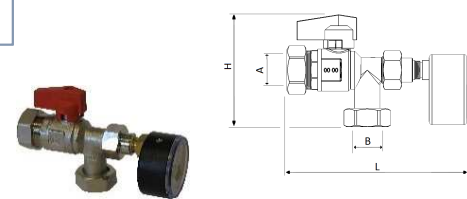
F x ogiva/olive
con filtro
with filter



COD.	DN	A	B	L	H
10309798	15	22	3/4 F	78	73

ART. 1357/M

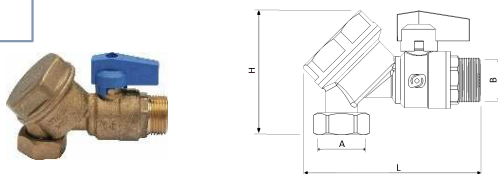
F x ogiva/olive



COD.	DN	A	B	L	H
10309796	15	22	3/4 F	125	73

ART. 1410

M x F
con filtro
with filter



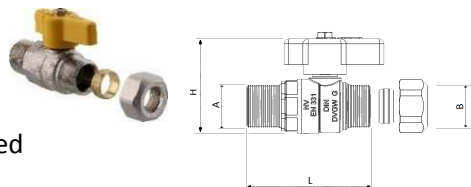
COD.	DN	A	B	L	H
10305720	15	3/4 F	3/4 M	104	67



ART. 1220

M x ogiva/olive

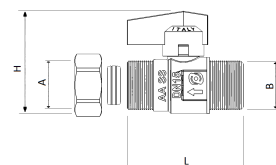
Normativa/Approved
EN 331 DVGW



COD.	DN	A	B	L	H
10309085	10	1/2 M	∅ 14	61	48
10309086	15	1/2 M	∅ 15	61	48

ART. 1220/B

M x F

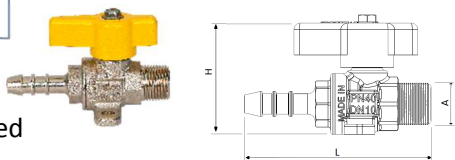


COD.	DN	A	B	L	H
10309140	15	18	1/2 M	70	51
10309141	15	18	3/4 M	70	55

ART. 1220/PF

M

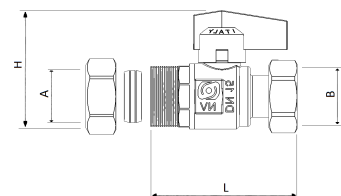
Normativa/Approved
EN 331 DVGW



COD.	DN	A	L	H
10309295	10	3/8	74	47

ART. 1225

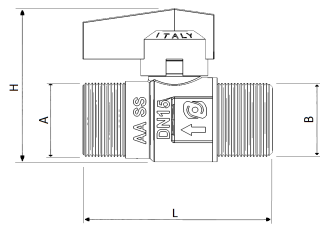
F x F



COD.	DN	A	B	L	H
10305235	15	1/2 F	14	57	48
10305226	15	3/4 F	18	59	48

ART. 1221/B

M x M

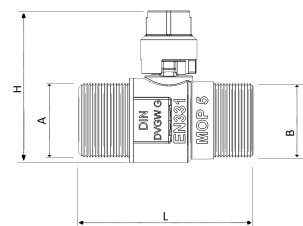


COD.	DN	A	B	L	H
10309170	15	3/4 M	3/4 M	62	55

ART. 1222/K

M x M

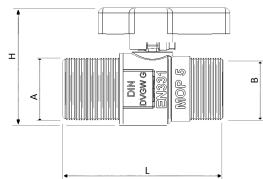
Maniglia squadra
Square cap



COD.	DN	A	B	L	H
10309122	15	3/4 M	3/4 M	62	54

ART. 1222/AD

M x M

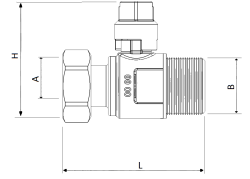


COD.	DN	A	B	L	H
10309144	12	1/2 M	1/2 M	62	50

ART. 1227/K

M x F

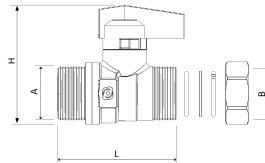
Maniglia squadra
Square cap



COD.	DN	A	B	L	H
10305119	15	3/4 F	3/4 M	54	59

ART. 1223

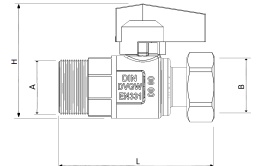
F x M



COD.	DN	A	B	L	H
10309127	15	1/2 M	∅ 18	59	55

ART. 1325

M x F

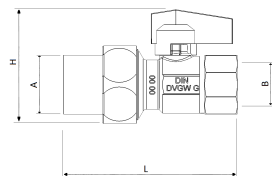


COD.	DN	A	B	L	H
10305325	15	3/4 M	3/4 F	67	55

ART. 1481

F x M

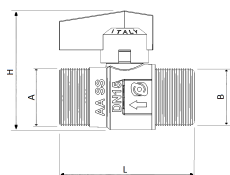
Omologata/
Listed
HTB 650



COD.	DN	A	B	L	H
10409481	15	3/4 M	3/4 F	92	60

ART. 1221/C

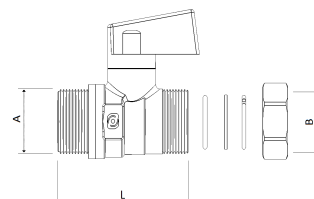
M x M



COD.	DN	A	B	L	H
10309580	15	3/4 M	3/4 M	62	30

ART. 1223

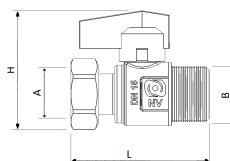
M x ogiva/olive



COD.	DN	A	B	L	H
10309130	15	3/4 M	∅ 18	47	36

ART. 1227

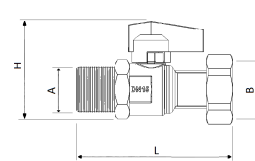
F x M



COD.	DN	A	B	L	H
10309135	10	1/2 F	1/2 M	53	51
10309139	15	3/4 F	3/4 M	59	55

ART. 1227

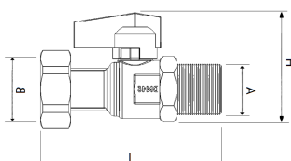
F x M



COD.	DN	A	B	L	H
10305136	10	1/2 M	1/2 F	53	51
10305137	15	3/4 M	3/4 F	59	55

ART. 1227/L

F x M

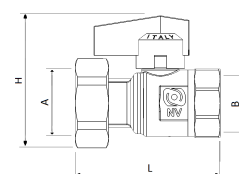


COD.	DN	A	B	L	H
10309419	15	3/4 M	3/4 F	69	57
10309421*	15	3/4 M	1" F	81	57

* Maniglia rossa / Red handle

ART. 1229

F x F

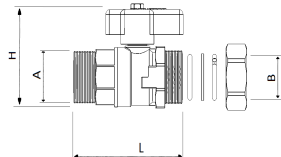


COD.	DN	A	B	L	H
10309176	10	1/2 F	1/2 F	53	50
10309173	15	3/4 F	3/4 F	51	55

* Altri attacchi disponibili / Other connections available

ART. 1210

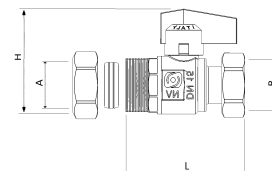
M x ogiva/olive



COD.	DN	A	B	L	H
10309070	15	3/4 M	3/4 M	69	51
10309071	15	3/4 M	∅ 18	69	51

ART. 1225

F x ogiva/olive



COD.	DN	A	B	L	H
10305234	10	1/2	∅ 14	57	40
10305223	15	3/4 F	3/4 M	50	55
10305224	15	3/4 M	∅ 18	60	55
10305225	15	3/4 M	∅ 22	60	55
10305261	15	1"	3/4 F	71	55

**CARICAMENTO CALDAIE
FILLING LOOP VALVES**

510

Rubinetto
caricamento caldaia
Filling loop valve for
boilers



COD.	Attacco - Connection	
11109510	Ø 13	Ø 13

515

Rubinetto
caricamento caldaia
Filling loop valve for
boilers



COD.	Attacco - Connection	
13209015	1/2 F	1/2 M

517

Rubinetto
caricamento caldaia
Filling loop valve for
boilers



COD.	Attacco - Connection	
13209030	1/2 M	1/2 F

3126

Rubinetto
caricamento caldaia
Filling loop valve for
boilers



COD.	Attacco - Connection	
C0105226	1/2 M	Ø 18
C0105227	1/2 M	Ø 18

519

Rubinetto
caricamento caldaia
Filling loop valve for
boilers



COD.	Attacco - Connection	
13205519	3/8 M	1/4 M

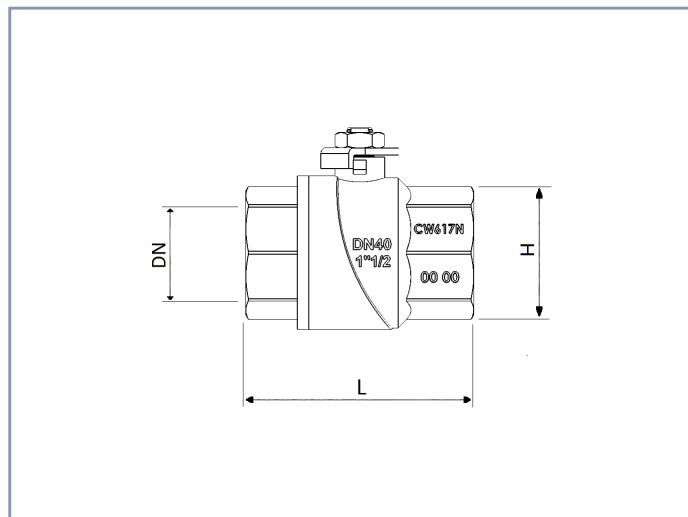
740/FE	COD.	
F x F EN 331 by DVGW	1/4	10109459
	3/8	10109460
	1/2	10109461
	3/4	10109462
	1"	10109463
	1" 1/4	10109464
	1" 1/2	10109465
	2"	10109466



740/F	COD.	
F x F EN 331 by DVGW	1/2	10109622
	3/4	10109623
	1"	10109624
	1" 1/4	10109625

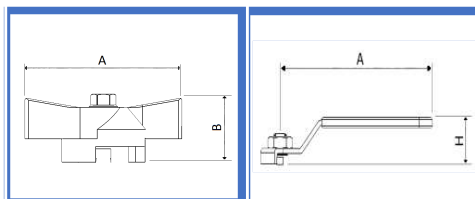


715/FE	COD.	
F x F EN 331 by OVGW	1/2	10109407
	3/4	10109408
	1"	10109409
	1" 1/4	10109410
	1" 1/2	10109411
	2"	10109412




DIMENSIONI - SIZE	1/4	3/8	1/2	3/4	1"	1" 1/4	1" 1/2	2"
DN	10	12	15	20	25	32	40	50
L	46	46	59	67,5	77,5	92	101,5	122,5
H	22	22	26	34	43	50	55	69


Maniglie
Handle

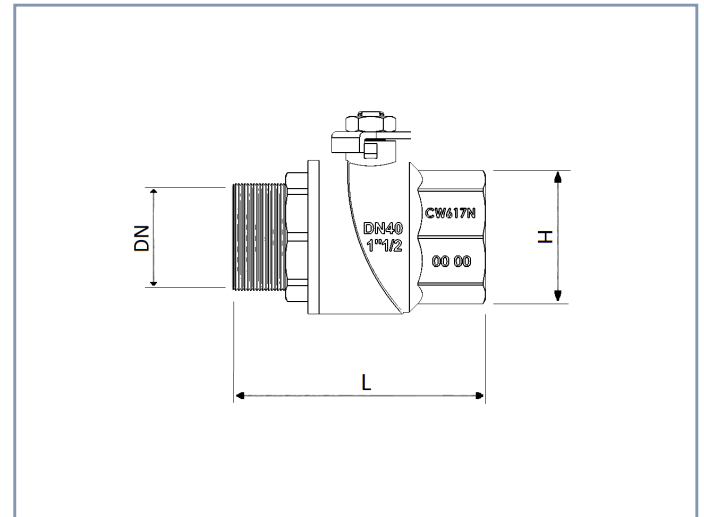


	A	B	A	B
1/4, 3/8, 1/2, 3/4	50	18	89	23
1", 1" 1/4	70	19	120	16
1" 1/2, 2"			174	21

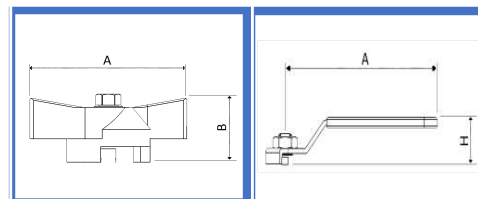
VALVOLE A SFERA PER GAS OMOLOGATE / LISTED GAS BALL VALVE

745/FE	COD.	
M x F		
EN 331 by DVGW		
	1/2	10109612
	3/4	10109613
	1"	10109614
	1"1/4	10109615
	1"1/2	10109616
	2"	10109617


745/F	COD.	
M x F		
EN 331 by DVGW		
	3/8	10109601
	1/2	10109602
	3/4	10109603
	1"	10109604
	1"1/4	10109605





DIMENSIONI - SIZE	3/8	1/2	3/4	1"	1" ¼	1" ½	2"
DN	12	15	20	25	32	40	50
L	52	67	74	86	98	112	139
H	22	26	32	40	49	55	69


**Maniglie
Handle**



	A	B	A	B
1/4, 3/8, 1/2, 3/4	50	18	89	23
1", 1"¼	70	19	120	16
1"½, 2"			174	21

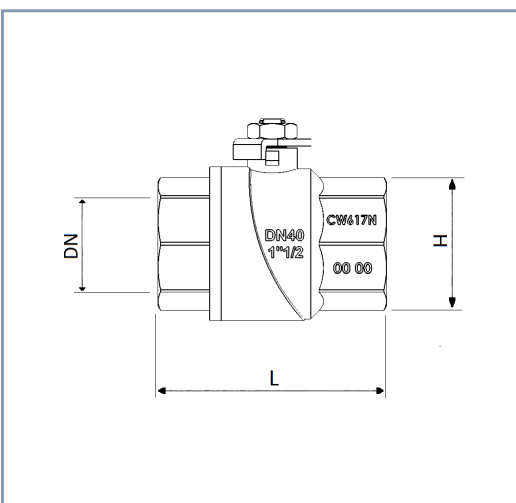
740	COD.	
F x F 	1/4	10109198
	3/8	10109199
	1/2	10109200
	3/4	10109201
	1"	10109202
	1"1/4	10109203
	1"1/2	10109204
	2"	10109205

740/FE	COD.	
F x F 	1/2	10109286
	3/4	10109287
	1"	10109288
	1" 1/4	10109289
	1" 1/2	10109290
	2"	10109291

740/F	COD.	
F x F 	1/4	10109210
	3/8	10109211
	1/2	10109206
	3/4	10109207
	1"	10109208
	1"1/4	10109209

740/T	COD.	
F x F 	3/8	10109293
	1/2	10109294
	3/4	10109295
	1"	10109296
	1"1/4	10109297
	1"1/2	10109298
	2"	10109299

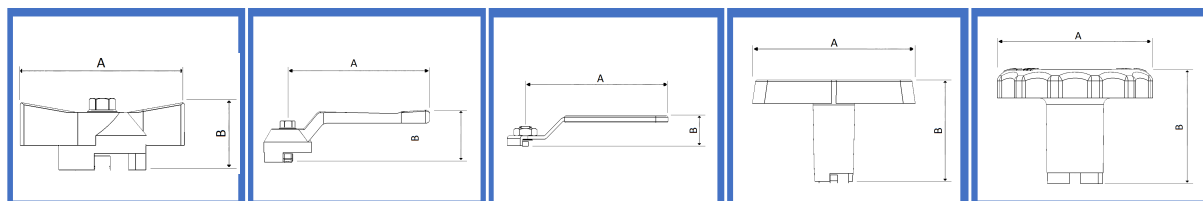
740/TE*	COD.	
F x F 	1/2	10409071
	3/4	10409074
	1"	10409076



* Disponibile con maniglia blu / Blue handle available


DIMENSIONI - SIZE	1/4	3/8	1/2	3/4	1"	1" 1/4	1" 1/2	2"	2" 1/2	3"	4"
DN	10	12	15	20	25	32	40	50	62	75	100
L	46	46	59	67,5	77,5	92	101,5	122,5	141	162	197
H	22	22	26	34	43	50	55	69	107	116	134


Maniglie
Handle





	A	B	A	B	A	B	A	B	A	B
1/4, 3/8, 1/2, 3/4	50	18	75	27	89	23	83	59	72	52
1", 1"1/4	70	19	110	36,5	120	16	83	59	72	52
1"1/2, 2", 3", 4"			140	45	174	21	122	76	72	52


VALVOLE A SFERA PER ACQUA / PLUMBING BALL VALVE

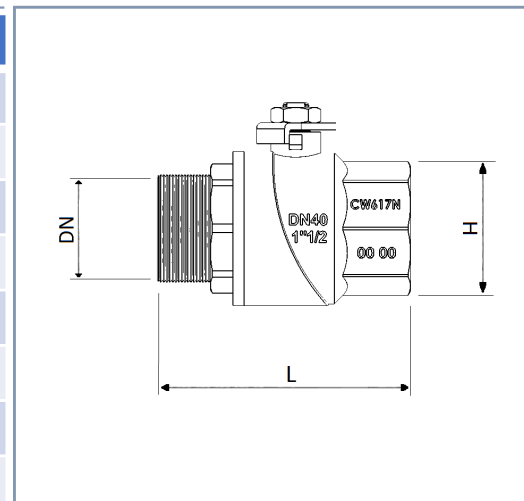
745	COD.	
M x F		
	3/8	10109309
	1/2	10109310
	3/4	10109311
	1"	10109312
	1"1/4	10109313
	1"1/2	10109350
	2"	10109351

745/FE	COD.	
M x F		
	3/8	10109326
	1/2	10109314
	3/4	10109315
	1"	10109316
	1"1/4	10109317
	1"1/2	10109318
	2"	10109319

745/F	COD.	
M x F		
	3/8	10109352
	1/2	10109353
	3/4	10109354
	1"	10109355
	1"1/4	10109356

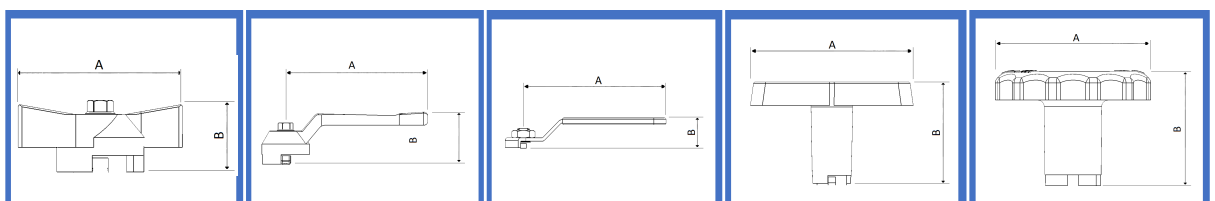
745/T	COD.	
M x F		
	3/8	10409163
	1/2	10409164
	3/4	10409165
	1"	10409166
	1"1/4	10409167
	1"1/2	10409168
	2"	10409169

745/TE*	COD.	
M x F		
	1/2	10409170
	3/4	10109144
	1"	10109130





* Disponibile con maniglia blu / Blue handle available


DIMENSIONI - SIZE	3/8	1/2	3/4	1"	1" 1/4	1" 1/2	2"
DN	12	15	20	25	32	40	50
L	52	67	74	86	98	112	139
H	22	26	32	40	49	55	68


**Maniglie
Handle**


	A	B	A	B	A	B	A	B	A	B
1/4, 3/8, 1/2, 3/4	50	18	75	27	89	23	83	59	72	52
1", 1"1/4	70	19	110	36,5	120	16	83	59	72	52
1"1/2, 2", 3", 4"			140	45	174	21	122	76	72	52

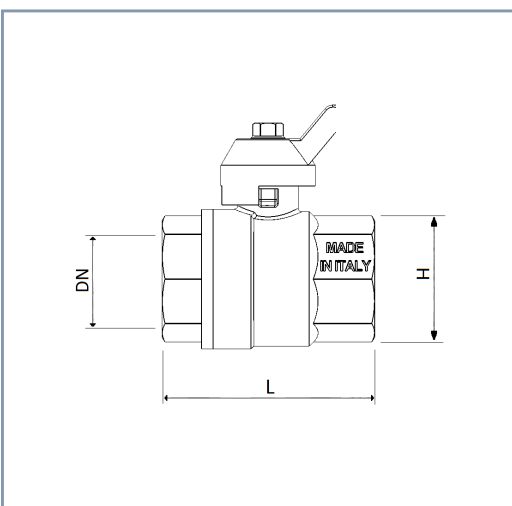
840	COD.	
	F x F	1/2	10109502
	3/4	10109503
	1"	10109504
	1" 1/4	10109505
	1" 1/2	10109506
	2"	10109507
	2" 1/2	10109508
	3"	10109509
	4"	10109510

840/FE	COD.	
	F x F	1/2	10109815
	3/4	10109816
	1"	10109817
	1" 1/4	10109818
	1" 1/2	10109819
	2"	10109820

840/F	COD.	
	F x F	1/2	10109535
	3/4	10109536
	1"	10109537
	1" 1/4	10109538

840/T	COD.	
	F x F	1/2	10109554
	3/4	10109555
	1"	10109556
	1" 1/4	10109557
	1" 1/2	10109558
	2"	10109559

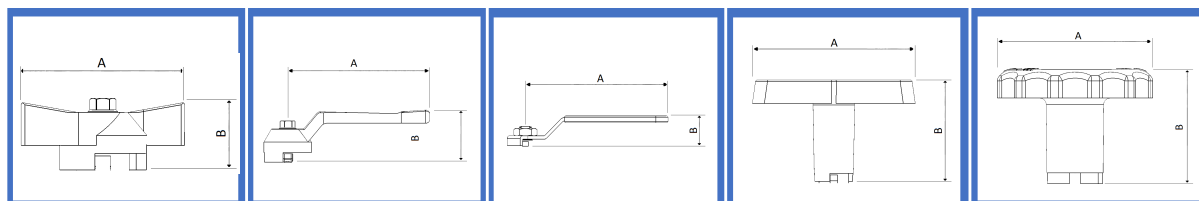
840/TE*	COD.	
	F x F	1/2	10409171
	3/4	10409172
	1"	10409066



* Disponibile con maniglia blu / Blue handle available


DIMENSIONI - SIZE	1/2	3/4	1"	1" 1/4	1" 1/2	2"	2" 1/2	3"	4"
DN	15	20	25	32	40	50	62	75	100
L	46	57	66	77	89	102	130	146	181
H	25	31	38	47	54	67	82	96	123


Maniglie
Handle




	A	B	A	B	A	B	A	B	A	B
1/4, 3/8, 1/2, 3/4	50	18	75	27	89	23	83	59	72	52
1", 1" 1/4	70	19	110	36,5	120	16	83	59	72	52
1" 1/2, 2", 3", 4"			140	45	174	21	122	76	72	52


VALVOLE A SFERA PER ACQUA / PLUMBING BALL VALVE

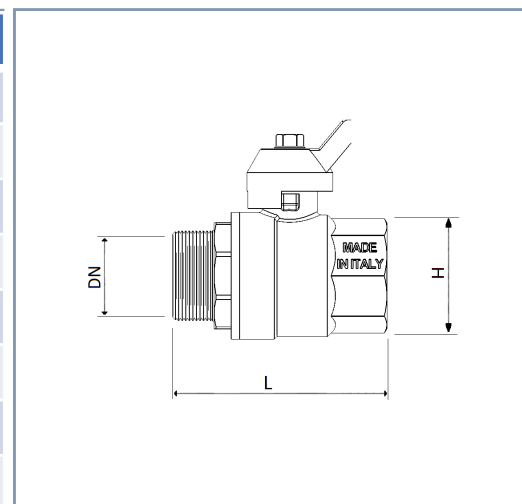
845	COD.	
M x F		
	1/2	10209085
	3/4	10209086
	1"	10209087
	1"1/4	10209088
	1"1/2	10209078
	2"	10209079

845/FE	COD.	
M x F		
	1/2	10209095
	3/4	10209096
	1"	10209097
	1"1/4	10209098
	1"1/2	10209138
	2"	10209139

845/F	COD.	
M x F		
	1/2	10209121
	3/4	10209122
	1"	10209123
	1"1/4	10209124

845/T	COD.	
M x F		
	1/2	10409183
	3/4	10409184
	1"	10409185

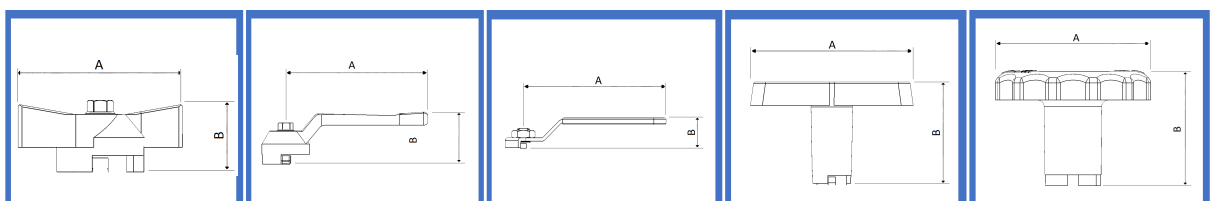
845/TE	COD.*	
M x F		
	1/2	10409180
	3/4	10409181
	1"	10409182



* Disponibile con maniglia blu / Blue handle available

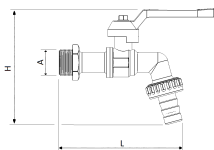
DIMENSIONI - SIZE	1/2	3/4	1"	1" 1/4	1" 1/2	2"
DN	15	20	25	32	40	50
L	54	64	74	82	99	119
H	26	32	39	49	55	68

**Maniglie
Handle**



	A	B	A	B	A	B	A	B	A	B
1/2, 3/4	50	18	75	27	89	23	83	59	72	52
1", 1"1/4	70	19	110	36,5	120	16	83	59	72	52
1"1/2, 2"			140	45	174	21	122	76	72	52

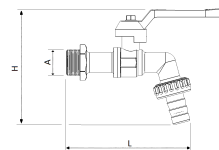
ART. 450



Rubinetto da giardino a sfera
maniglia alluminio rossa
Garden bibcock, aluminium
red lever handle

Rossa - Red	A	L	H
10609056	3/8 M	100	90
10609057	1/2 M	100	90
10609058	3/4 M	120	100
10609059	1" M	130	115

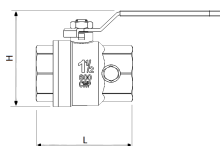
ART. 450



Rubinetto da giardino a sfera
maniglia a farfalla blu
Garden bibcock, blue butterfly
handle

Blu -Blue	A	L	H
10609155	3/8 M	100	90
10609156	1/2 M	100	90
10609157	3/4 M	120	100
10609158	1" M	130	115

ART. 840/S



Valvola a sfera con spurgo
maniglia alluminio
Ball valve with drain,
aluminium handle

Code	A	B	L	H
10109860	1/2 F	1/2 F	53	47
10109861	3/4 F	3/4 F	63	54
10109862	1" F	1" F	72	68
10109863	1" 1/4 F	1" 1/4 F	83	82
10109864	1" 1/2 F	1" 1/2 F	94	98
10109865	2" F	2" F	107	107

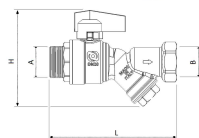
ART. 880/F



Valvola a sfera con
bocchettone, maniglia farfalla
Ball valve with union,
butterfly handle

Code	A	B	L	H
10709050	1/2 F	1/2 M	82	53
10709051	3/4 F	3/4 M	93	62
10709052	1" F	1" M	107	72

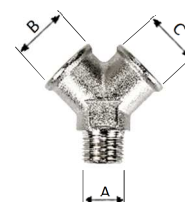
ART. 1445



VALVOLA A SFERA CON FILTRO
- Cartuccia filtro in acciaio Inox
- Campo di temperatura: -20° / +120°C
BALL VALVE WITH FILTER
- Filter in stainless steel
- Operating temperature: -20° ÷ 120°C

COD.	DN	A	B	L	H
10309056	20	3/4 M	3/4 F	108	80

C1609500



Raccordo a «Y»
«Y» connection

COD.	A	B	C
C1609500	3/8 M	3/8 F	3/8 F

502

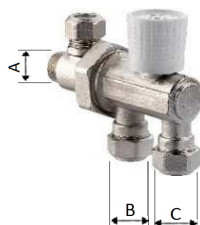
Valvola monotubo
Monotube valve



503

Valvola monotubo attacco piastra
Monotube valve plate connection

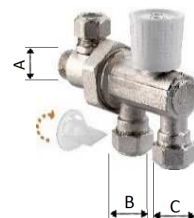
Deviatore fisso e
connessione tubo $\varnothing 14$
*Fixed diverter and
connection tube $\varnothing 14$*



506

Valvola monotubo attacco piastra
Monotube valve plate connection

Deviatore orientabile e
connessione tubo $\varnothing 14$
*Turnable diverter and
connection tube $\varnothing 14$*



COD.	A	B	C
11309152	1/2 M	24*19	24*19

COD.	A	B	C
11309153	1/2 M	24*19	24*19

COD.	A	B	C
11309155	1/2 M	24*19	24*19

602

Collettore 2 vie
2-way manifold



603

Collettore 3 vie
3-way manifold



604

Collettore 4 vie
4-way manifold



COD.	A	B	C
19809602	1" F	1" M	1/2 M

COD.	A	B	C
19809603	1" F	1" M	1/2 M

COD.	A	B	C
19809604	1" F	1" M	1/2 M

2301

Dado e ogiva PTFE per
tubo rame
*Kit with nut and PTFE
olive for copper pipes*



2302

Dado e ogiva OT. per
tubo rame
*Kit with nut and brass
olive for copper pipes*



COD.	A	B
19909003	1/2	$\varnothing 12$
19909004	1/2	$\varnothing 15$

COD.	A	B
19909005	1/2	$\varnothing 12$
19909006	1/2	$\varnothing 14$

2303

Dado e ogiva OT. per
tubo multistrato
*Kit with nut, brass olive
for multilayer pipes*



COD.	A	B
19909007	1/2	$\varnothing 16$

Energie rinnovabili



Energia solare



Acqua potabile



Impianti di riscaldamento

