



TECHNICAL CATALOGUE AMERICA

CTNPTB3.B50.0 / EN

“Our people, their skills and their experience
have always been the key asset of our Company.
This is the key value which allows us to understand the needs
of our Italian customers as well as our customers from the rest
of the world, supplying them with a service and products
that are always targeted and innovative”.

The President
Giuliano Gnutti





The **Gruppo Gnutti** has been one of the cornerstones of industry in the Brescia area since the 1950s with activities that are deeply-rooted in the region: a Group of companies covering the whole technical-productive supply chain, able to transform raw material into finished products. A perfect mix of Tradition, Professionalism, Quality, Technology and Know-how in order to offer the very best service every day. The Gruppo Gnutti springs from the development and growth of Gnutti Cirillo S.p.A.



The production of taps was Valvosanitaria Bugatti's main activity since it was founded in 1948 in Lumezzane (BS).

Over time, the business focused on producing ball valves and in 1984 moved to the new headquarters in Castegnato.

The large warehouse assures an efficient organization of the supplies and speeds up the delivery process. In 2023 Valvosanitaria Bugatti joined the Gruppo Gnutti. Today, the company has gained international recognition for its production of ball valves for water and gas, fittings, taps, and heating system components.



Tiemme Raccorderie was established in the 1980s as a production and marketing company for brass fittings, valves and pipes. It joined the Gruppo Gnutti in 1994, when the company underwent a radical change. The new millennium saw a further phase of growth and evolution for the company through the development of integrated systems in the hvac sector. Horizons were internationalized with the foundation of subsidiaries in Spain, Greece and Romania to meet the needs of a wider and more demanding market.



Gnutti Cirillo S.p.A. founded in 1951 by Cirillo Gnutti, is now the world leader in hot forging and machining of brass and other non-ferrous metals. Gnutti Cirillo S.p.A. has compiled impressive technical expertise, enabling it to meet all requirements. The company is self-sufficient throughout its entire production chain, from design to completely in-house construction of tooling and equipment, from hot forging of brass to machining, surface treatments and automatic assembly up to the packaging of the finished product. Everything is customised to the customer's specifications. Alongside its historical location in Lumezzane (Brescia) in 2000 Gnutti Cirillo S.p.A. opened its new plant in Odolo (Brescia).



The process of internationalisation of the Group has proceeded over the years thanks to the establishment of Metal Forming Technology Inc. Located in the state of Michigan (USA) MFT has achieved high levels of efficiency in the production of hot forged and machined brass articles according to the customer's specifications. At the same time the company offers logistic and customer care services on behalf of Gnutti Cirillo S.p.A. to the North American and Canadian markets.



EMC Component is a company founded in 2011, specialized in designing, manufacturing and trading accessories for power and distribution transformers.

EMC products originate from an idea or a specific market need.

EMC ensures maximum quality and reliability by designing, prototyping, testing, and manufacturing these products in the country, namely made in Italy.



VALVOSANITARIA BUGATTI was established in Lumezzane (Brescia) in 1948, specializing in the production of ball valves and general brass fittings. Subsequently, thanks to its continuous development, the production was transferred to the current production area in Castegnato (Brescia), which covers an area of 10,500 square meters. Since September 2011 the Company can also rely on its new warehouse of square meter 7.500 in order to grant an efficient stock management. The products are manufactured exclusively in Italy in Castegnato's factory, and are mainly allocated in the foreign markets, without in any case excluding the national market. Each year VALVOSANITARIA BUGATTI produces 25,000,000 pieces that are exported to 85 countries around the world. The production department is equipped with latest generation machineries and with a sophisticated laboratory to carry out our rigorous quality tests. The company quality system is certified according to the international UNI EN ISO 9001:2008. Thanks to the high quality standards VALVOSANITARIA BUGATTI has obtained the "product approval" from 30 prestigious institutes to comply with the different country's regulations. Starting from the careful selection of raw materials, passing through the production and delivery of the finished product, each stage is carefully followed by our internal quality system; and all this makes the VALVOSANITARIA BUGATTI brand recognized as a synonym of quality, reliability and credibility.



AMERICA

Branch
Michigan

ROMANIA

Branch
Bucarest

SPAIN

Filial
Valencia

ITALY

VALVOSANITARIA BUGATTI

GREECE

Branch
Atene

SOUTH AMERICA

Branch



BUGATTI, CERTIFIED QUALITY

		ITALY TTR INSTITUTE
		ITALY ICIM
		AUSTRALIA IAPMO WATERMARK LICENCE
		AUSTRALIA AGA CERTIFIED PRODUCT
		BELGIUM UNIVERSITE LIBRE DE BRUXELLES
		FRANCE ATTESTATION DE CONFORMITE SANITAIRE
		GERMANY DEUTSCHER VEREIN DES GAS-UND WASSERFACHES
		GERMANY SKZ – TESTING GMBH DAS KINSTSTOFF ZENTRUM
		UNITED KINGDOM WATER REGULATION ADVISORY SCHEME
		HOLLAND CERTIFICATIE EN KEURINGEN
		RUSSIA EAC CERTIFICATE
		RUSSIA GOST CERTIFICATION
		USA FM APPROVALS CERTIFICATION SERVICES
		USA NSF INTERNATIONAL NATIONAL SANITATION FOUNDATION
		USA CSA GROUP CANADIAN STANDARDS ASSOCIATION
		USA UL SOLUTIONS UNDERWRITERS LABORATORIES
		SPAIN AENOR
		PORTUGAL CERTIF ASSOCIAÇÃO PARA A CERTIFICAÇÃO
		CZECH REPUBLIC STROJIRENSKÝ ZKÚŠEBNÍ ÚSTAV
		BULGARIA BULGARKONTROLA BULGARKONTROLA S.A.
		EUROPE MARCHIO CE DI PRODOTTO

ARIZONA - SERIES 600NPT

CW617N Brass ball valve standard port - NPT thread

11



NEW JERSEY - SERIES 900NPT

CW617N Brass ball valve full port - NPT thread

13



ALASKA

CW617N Brass ball valves with hose connection - NPT thread

15



MINNESOTA

CW617N Under-sink brass ball valve - NPT thread

17



NEBRASKA

CW617N Brass filter, check and foot valves, gate valve - NPT thread

19



ARIZONA

SERIES 600NPT

CW617N BRASS BALL VALVE STANDARD PORT - NPT THREAD

TEMPERATURE RATING: -4 °F +250 °F (-20 °C +120 °C)
PRESSURE RATING: 290 ÷ 600 PSI (PN14 ÷ PN50 BAR)

**600NPT**

Female/female aluminium handle

Code	DN	NPT	Psi / Bar
06000227	0,55	1/2"	600/40
06000228	0,71	3/4"	360/25
06000229	0,90	1"	360/25
06000230	1,14	1"1/4	290/20
06000231	1,44	1"1/2	290/20
06000232	1,77	2"	290/20

**601NPT**

Female/female steel handle

Code	DN	NPT	Psi / Bar
06010357	0,55	1/2"	600/40
06010358	0,71	3/4"	360/25
06010359	0,90	1"	360/25
06010360	1,14	1"1/4	290/20
06010361	1,44	1"1/2	290/20
06010362	1,77	2"	290/20

**602NPT**

Female/female aluminium tee handle

Code	DN	NPT	Psi / Bar
06020109	0,55	1/2"	600/40
06020110	0,71	3/4"	360/25
06020111	0,90	1"	360/25
06020112	1,14	1"1/4	290/20

NEW JERSEY

SERIES 900NPT

CW617N BRASS BALL VALVE FULL PORT - NPT THREAD

TEMPERATURE RATING: -4 °F +250 °F (-20 °C +120 °C)
PRESSURE RATING: 200 ÷ 720 PSI (PN14 ÷ PN50 BAR)

**910NPT**

Female/female aluminium handle

Code	DN	NPT	Psi / Bar
09100050	0,57	1/2"	720/50
09100051	0,75	3/4"	450/30
09100052	0,94	1"	450/30
09100053	1,24	1"1/4	290/20
09100054	1,49	1"1/2	290/20
09100055	1,96	2"	290/20
09100056	2,55	2"1/2	260/18
09100057	3,14	3"	230/16
09100058	3,93	4"	200/14

**911NPT**

Female/female steel handle

Code	DN	NPT	Psi / Bar
09110138	0,57	1/2"	720/50
09110139	0,75	3/4"	450/30
09110140	0,94	1"	450/30
09110141	1,24	1"1/4	290/20
09110142	1,49	1"1/2	290/20
09110143	1,96	2"	290/20
09110135	2,55	2"1/2	260/18
09110136	3,14	3"	230/16
09110137	3,93	4"	200/14

**912NPT**

Female/female aluminium tee handle

Code	DN	NPT	Psi / Bar
09120030	0,57	1/2"	720/50
09120031	0,75	3/4"	450/30
09120032	0,94	1"	430/30
09120033	1,24	1"1/4	290/20

ALASKA

BRASS BALL VALVES WITH HOSE CONNECTION - NPT THREAD

**689NPT**

Hose bibcock, aluminium handle

Code	DN	NPT	Psi / Bar
06890069	0,39	1/2"	230/16
06890093	0,39	3/4"	230/16
06890097	0,59	1"	230/16

**686NPT**

Bibcock with aerator, aluminium handle



Code	DN	NPT	Psi / Bar
06860026	0,39	1/2"	230/16

**661NPT**

Hose bibcock steel handle

Code	DN	NPT	Psi / Bar
06610041	0,39	1/2"	230/16
06610042	0,39	3/4"	230/16
06610043	0,59	1"	230/16

**660NHNPT**

Duplex bibcock, aluminium handle

Code	DN	NPT
06600012	0,39	1/2"NPT x 3/4"NH

**676NHNPT**

Bibcock aluminium handle



Code	DN	NPT	Psi / Bar
06760001	0,39	1/2"NPT x 3/4"NH	230/16
06760011	0,39	1/2"NPT x 3/4"NH	230/16

Without aerator

With aerator

**887NHNPT**

Ball bibcock for washing machine, aluminium handle



Code	DN	NPT
08870011	0,39	1/2"NPT x 3/4"NH

CW617N UNDER-SINK BRASS BALL VALVE - NPT THREAD

MINNESOTA

**9860**

Glossy chrome-plated angle valve female

Code	NPT
98600001	1/2" FIP (NPT) x 3/8" OD (COMP)
98600002	1/2" FIP (NPT) x 1/2" SJ (7/16")

**9861**

Glossy chrome-plated angle valve

Code	NPT
98610001	1/2" COMP x 1/2" SJ

**9878**

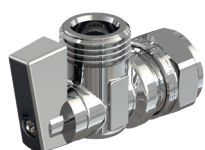
Glossy chrome-plated valve female

Code	NPT
98780001	1/2" FIP (NPT) x 3/8" OD (COMP)
98780002	1/2" FIP (NPT) x 1/2" SJ (7/16")

**9880**

Glossy chrome-plated angle ball valve female

Code	NPT
98800001	1/2" FIP (NPT) x 3/8" OD (COMP)
98800002	1/2" FIP (NPT) x 1/2" SJ (7/16")

**9881**

Glossy chrome-plated angle ball valve

Code	NPT
98810001	1/2" COMP x 1/2" SJ

FILTER, CHECK AND FOOT VALVES, GATE VALVE NPT THREAD

TEMPERATURE RATING: -4 °F +210 °F (-20 °C +100 °C)

NEBRASKA

**191NPT**

Spring check valve EURO 1000 with polyamide shutter

Code	Psi / Bar	NPT
01910003	170/12	1/2"
01910005	170/12	3/4"
01910007	170/12	1"
01910009	145/10	1"1/4
01910011	145/10	1"1/2
01910013	145/10	2"
01910015	115/8	2"1/2
01910017	115/8	3"
01910019	115/8	4"

**194NPT**

Spring check valve EURO 1000 with 1000 µm stainless steel filter and polyamide shutter

Code	Psi / Bar	NPT
01940016	170/12	1/2"
01940017	170/12	3/4"
01940018	170/12	1"
01940019	145/10	1"1/4
01940020	145/10	1"1/2
01940021	145/10	2"
01940012	115/8	2"1/2
01940009	115/8	3"
01940011	115/8	4"

**192NPT**

Spring check valve EURO 2000 with brass shutter

Code	Psi / Bar	NPT
01920035	360/25	1/2"
01920034	360/25	3/4"
01920036	360/25	1"
01920037	260/18	1"1/4
01920038	260/18	1"1/2
01920039	260/18	2"
01920008	170/12	2"1/2
01920009	170/12	3"
01920010	170/12	4"



199NPT

Spring check valve EURO 2000 with 1000 µm stainless steel filter and brass shutter

Code	Psi / Bar	NPT
01990045	360/25	1/2"
01990046	360/25	3/4"
01990047	360/25	1"
01990048	260/18	1"1/4
01990049	260/18	1"1/2
01990050	260/18	2"
01990051	170/12	2"1/2
01990052	170/12	3"
01990053	170/12	4"



181NPT

Brass swing check valve, NBR rubber seat

Code	Psi / Bar	NPT
01810019	170/12	1/2"
01810020	170/12	3/4"
01810021	170/12	1"
01810022	145/10	1"1/4
01810023	145/10	1"1/2
01810024	145/10	2"
01810008	115/8	2"1/2
01810010	115/8	3"
01810012	115/8	4"



180NPT

Brass swing check valve, metal seat

Code	Psi / Bar	NPT
01800022	170/12	1/2"
01800023	170/12	3/4"
01800024	170/12	1"
01800025	145/10	1"1/4
01800026	145/10	1"1/2
01800027	145/10	2"
01800009	115/8	2"1/2
01800011	115/8	3"
01800013	115/8	4"

**195NPT**

Brass foot valve

Code	Psi / Bar	NPT
01950024	145/10	1/2"
01950025	145/10	3/4"
01950026	145/10	1"
01950027	115/8	1"1/4
01950028	115/8	1"1/2
01950029	115/8	2"
01950030	85/6	2"1/2
01950031	85/6	3"
01950032	85/6	4"

**170NPT**

"Y" strainer with stainless steel cartridge

Code	Psi / Bar	µm	NPT
01700068	290/20	350	1/2"
01700069	290/20	350	3/4"
01700070	290/20	350	1"
01700074	290/20	500	1"1/4
01700075	290/20	500	1"1/2
01700076	290/20	500	2"
01700071	230/16	500	2"1/2
01700072	230/16	600	3"
01700073	230/16	600	4"

**110NPT**

Brass gate valve

Code	Psi / Bar	NPT
01100027	230/16	1/2"
01100028	230/16	3/4"
01100029	230/16	1"
01100030	230/16	1"1/4
01100031	230/16	1"1/2
01100032	230/16	2"
01100010	230/16	2"1/2
01100012	230/16	3"
01100014	230/16	4"

NEW YORK - NO LEAD

CW510L Brass ball valve full port - NPT thread (ASME B 1.20.1)



24



NEW YORK

CW617N Brass ball valve full port - NPT thread (ASME B 1.20.1)

32



UTAH

Mini-valve sandblasted and nickel-plated - NPT thread (ASME B 1.20.1)

39





ON REQUEST



BUTTERFLY

LOCKING
HANDLE

9401NL

Female/female steel handle

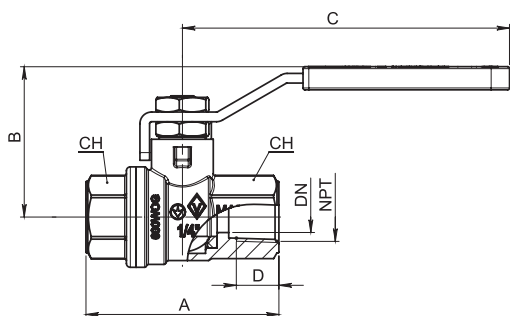


CHARACTERISTICS

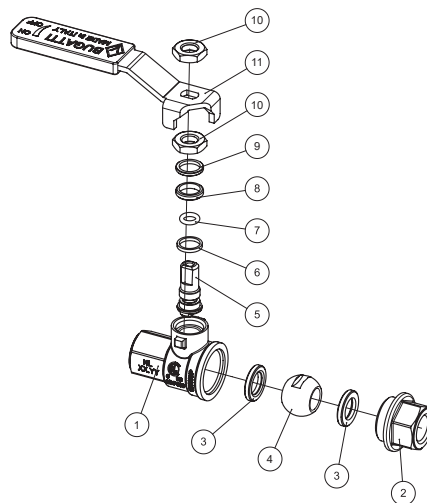
- Forged brass ball valve
- No-Lead Brass (Pb% ≤ 0,25)
- Female / Female: ASME B 1.20.1
- Full Port
- Sizes 1/4" up to 3/8"
- Pressure Rating 600 WOG - 150 WSP
- Temperature range -4°F±300°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats and adjustable packing nut
- Steel handle PVC-coated
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT	Psi / Bar
94010050	0,32	1/4"	600 / 40
94010051	0,39	3/8"	600 / 40

DIMENSIONS AND MATERIAL TABLE



Size	DN	A	B	C	D	Ch	CV	Psi	Lbs
1/4"	0,32	1,96	1,53	3,34	0,43	0,75	6,29	600	0,36
3/8"	0,39	1,96	1,53	3,34	0,43	0,86	6,99	600	0,37



Pos	Description	Material	Qty
1	Body	Brass CW 510L	1
2	End connection	Brass CW 510L	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 510L	1
5	Stem	Brass CW 510L	1
6	Lower washer	P.T.F.E.	1
7	O-ring	NBR	1
8	Upper washer	P.T.F.E.	1
9	Brass ring	Brass CW 614N	1
10	Nut	Steel	2
11	Handle	Steel	1



ON REQUEST



BUTTERFLY

LOCKING
HANDLE

9241NL

Female/female steel handle

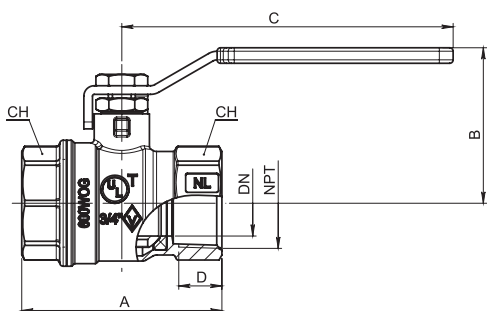


CHARACTERISTICS

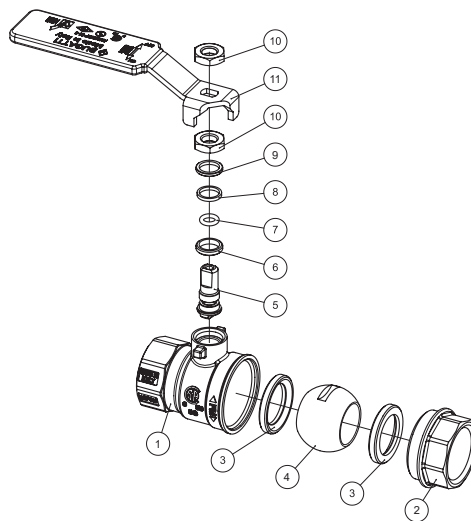
- Forged brass ball valve
- No-Lead Brass (Pb% ≤ 0,25)
- Female / Female: ASME B 1.20.1
- Full Port
- Sizes 1/2" up to 4"
- Pressure Rating 600 WOG - 150 WSP
- Temperature range -4°F÷300°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats and adjustable packing nut
- Large steel handle PVC-coated
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT	Psi / Bar
92410248	0,59	1/2"	600 / 40
92410249	0,79	3/4"	600 / 40
92410250	0,98	1"	600 / 40
92410251	1,26	1"1/4	600 / 40
92410252	1,58	1"1/2	600 / 40
92410253	1,97	2"	600 / 40
92410316	2,55	2"1/2	600 / 40
92410317	3,14	3"	600 / 40
92410318	3,93	4"	600 / 40

DIMENSIONS AND MATERIAL TABLE



Size	DN	A	B	C	D	Ch	CV	Psi	Lbs
1/2"	0,59	2,09	1,57	3,35	0,46	0,98	19,00	600	0,39
3/4"	0,79	2,28	1,77	3,80	0,49	1,22	34,50	600	0,56
1"	0,98	2,80	2,03	3,80	0,59	1,50	50,18	600	0,87
1"1/4	1,26	3,23	2,32	4,72	0,62	1,85	103,70	600	1,43
1"1/2	1,58	3,70	2,60	4,72	0,64	2,13	268,40	600	2,17
2"	1,97	4,13	3,27	6,38	0,65	2,64	309,20	600	3,61
2"1/2	2,55	5,80	4,98	7,48	1,06	3,22		600	8,16
3"	3,14	6,71	5,59	8,86	1,14	3,78		600	12,35
4"	3,93	7,70	6,18	8,86	1,22	4,80		600	15,88



Pos	Description	Material	Qty
1	Body	Brass CW 510L	1
2	End connection	Brass CW 510L	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 510L	1
5	Stem	Brass CW 510L	1
6	Lower washer	P.T.F.E.	1
7	O-ring	NBR	1
8	Upper washer	P.T.F.E.	1
9	Brass ring	Brass CW 614N	1
10	Nut	Steel	2
11	Handle	Steel	1



ON REQUEST



BUTTERFLY

LOCKING
HANDLE

9241NLDN

Female/female drain cock steel handle

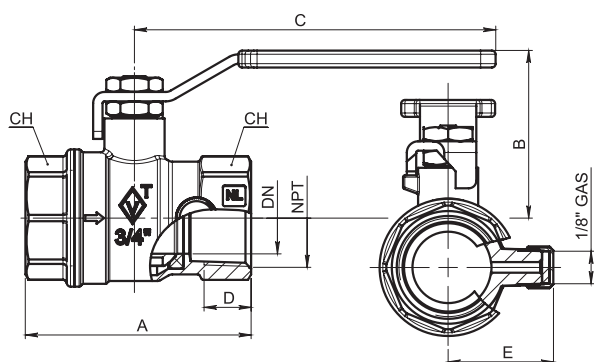


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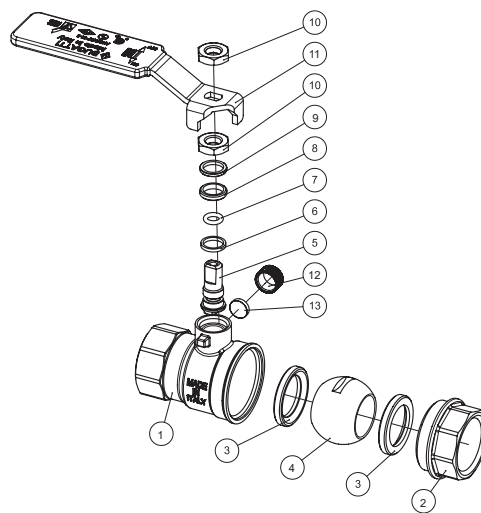
- Forged brass ball valve with drain
- No-Lead Brass (Pb% ≤ 0,25)
- Female / Female: ASME B 1.20.1
- Full Port
- Sizes 1/2" up to 1"
- Pressure Rating 600 WOG - 150 WSP
- Temperature range -4°F÷300°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats and adjustable packing nut
- Large steel handle PVC-coated
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT	Psi / Bar
92410319	0,59	1/2"	600 / 40
92410320	0,79	3/4"	600 / 40
92410321	0,98	1"	600 / 40

DIMENSIONS AND MATERIAL TABLE



Size	DN	A	B	C	D	E	Ch	CV	Psi	Lbs
1/2"	0,59	2,17	1,57	3,35	0,46	0,93	0,98	19,00	600	0,41
3/4"	0,79	2,36	1,77	3,80	0,49	1,08	1,22	34,50	600	0,58
1"	0,98	2,87	2,03	3,80	0,59	1,28	1,50	50,18	600	0,92



Pos	Description	Material	Qty
1	Body	Brass CW 510L	1
2	End connection	Brass CW 510L	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 510L	1
5	Stem	Brass CW 510L	1
6	Lower washer	P.T.F.E.	1
7	O-ring	NBR	1
8	Upper washer	P.T.F.E.	1
9	Brass ring	Brass CW 614N	1
10	Nut	Steel	2
11	Handle	Steel	1
12	Cap	Brass CW 614N	1
13	Seal	NBR	1



ON REQUEST



BUTTERFLY

LOCKING
HANDLE

9406NL

Male/female steel handle

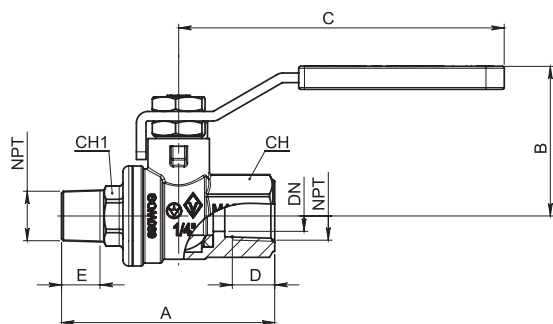


CHARACTERISTICS

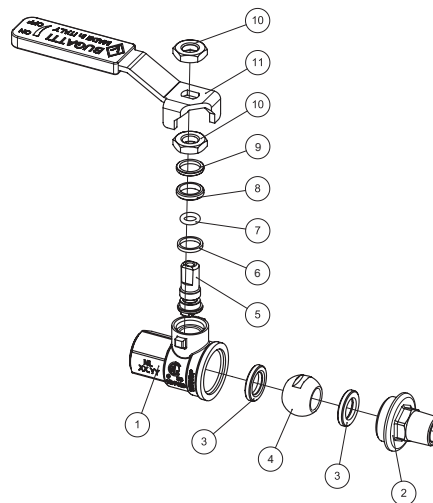
- Forged brass ball valve
- No-Lead Brass (Pb% ≤ 0,25)
- Male / Female: ASME B 1.20.1
- Full Port
- Sizes 1/4" up to 3/8"
- Pressure Rating 600 WOG - 150 WSP
- Temperature range -4°F÷300°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats and adjustable packing nut
- Steel handle PVC-coated
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT	Psi / Bar
94060050	0,32	1/4"	600 / 40
94060051	0,39	3/8"	600 / 40

DIMENSIONS AND MATERIAL TABLE



Size	DN	A	B	C	D	E	Ch	Ch1	CV	Psi	Lbs
1/4"	0,32	2,18	1,53	3,34	0,43	0,39	0,75	0,55	6,29	600	0,35
3/8"	0,39	2,20	1,53	3,34	0,43	0,43	0,86	0,71	6,99	600	0,36



Pos	Description	Material	Qty
1	Body	Brass CW 510L	1
2	End connection	Brass CW 510L	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 510L	1
5	Stem	Brass CW 510L	1
6	Lower washer	P.T.F.E.	1
7	O-ring	NBR	1
8	Upper washer	P.T.F.E.	1
9	Brass ring	Brass CW 614N	1
10	Nut	Steel	2
11	Handle	Steel	1



ON REQUEST



BUTTERFLY

LOCKING
HANDLE

9246NL

Male/female steel handle

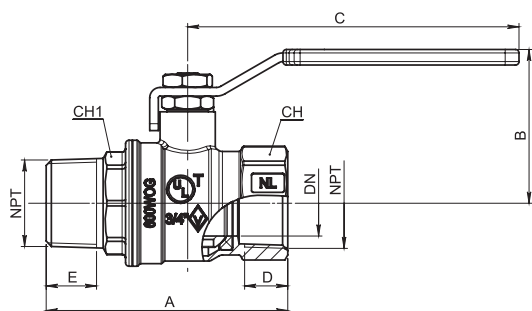


CHARACTERISTICS

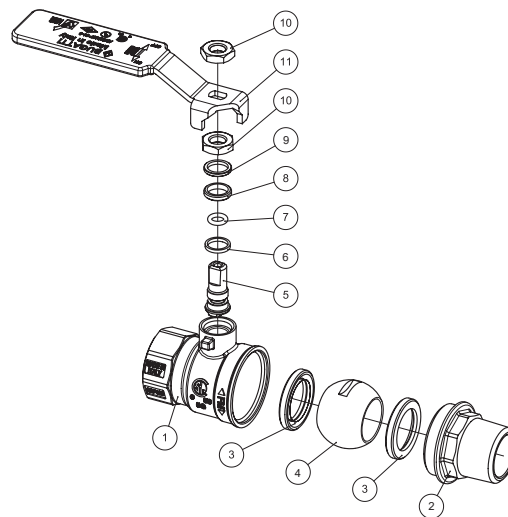
- Forged brass ball valve
- No-Lead Brass (Pb% ≤ 0,25)
- Male / Female: ASME B 1.20.1
- Full Port
- Sizes 1/2" up to 2"
- Pressure Rating 600 WOG - 150 WSP
- Temperature range -4°F÷300°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats and adjustable packing nut
- Large steel handle PVC-coated
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT	Psi / Bar
92460100	0,59	1/2"	600 / 40
92460101	0,79	3/4"	600 / 40
92460102	0,98	1"	600 / 40
92460103	1,26	1"1/4	600 / 40
92460104	1,58	1"1/2	600 / 40
92460105	1,97	2"	600 / 40

DIMENSIONS AND MATERIAL TABLE



Size	DN	A	B	C	D	E	Ch	Ch1	CV	Psi	Lbs
1/2"	0,59	2,54	1,57	3,35	0,46	0,53	0,98	0,87	19,00	600	0,42
3/4"	0,79	2,75	1,77	3,80	0,49	0,55	1,22	1,12	34,50	600	0,63
1"	0,98	3,23	2,03	3,80	0,59	0,69	1,50	1,34	50,18	600	0,92
1"1/4	1,26	3,76	2,32	4,72	0,62	0,71	1,85	1,69	103,70	600	1,54
1"1/2	1,58	4,11	2,60	4,72	0,64	0,73	2,13	2,20	268,40	600	2,26
2"	1,97	4,72	3,27	6,38	0,65	0,85	2,64	2,40	309,20	600	3,71



Pos	Description	Material	Qty
1	Body	Brass CW 510L	1
2	End connection	Brass CW 510L	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 510L	1
5	Stem	Brass CW 510L	1
6	Lower washer	P.T.F.E.	1
7	O-ring	NBR	1
8	Upper washer	P.T.F.E.	1
9	Brass ring	Brass CW 614N	1
10	Nut	Steel	2
11	Handle	Steel	1



ON REQUEST



BUTTERFLY

LOCKING
HANDLE

9276NL

Sweat/sweat steel handle

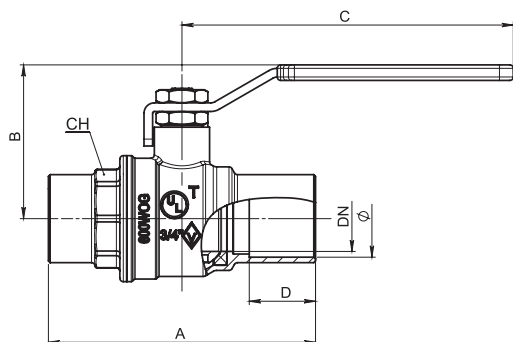


CHARACTERISTICS

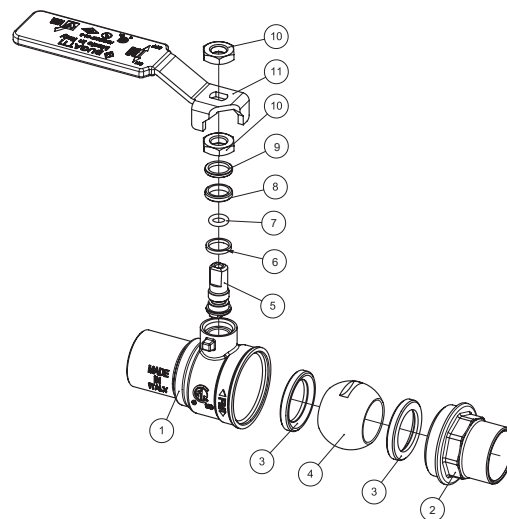
- Forged brass ball valve
- No-Lead Brass (Pb% ≤ 0,25)
- Swt / Swt: ASME B16.18
- Full port
- Sizes: 1/2" up to 2"
- Pressure rating: 600 WOG - 150 WSP
- Temperature range -4°F÷300°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats and adjustable packing nut
- Large steel handle PVC-coated
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	Sweat	Psi / Bar
92760111	0,59	1/2"	600 / 40
92760112	0,79	3/4"	600 / 40
92760113	0,98	1"	600 / 40
92760114	1,26	1" 1/4	600 / 40
92760115	1,58	1" 1/2	600 / 40
92760116	1,97	2"	600 / 40

DIMENSIONS AND MATERIAL TABLE



Size	Ø	DN	A	B	C	D	Ch	CV	Psi	Lbs
1/2"	0,630	0,59	2,25	1,57	3,35	0,42	0,79	19,00	600	0,35
3/4"	0,866	0,79	3,05	1,77	3,80	0,61	1,06	34,40	600	0,55
1"	1,102	0,98	3,68	2,03	3,80	0,73	1,34	50,10	600	0,87
1" 1/4	1,377	1,26	4,18	2,32	4,72	0,91	1,61	103,70	600	1,41
1" 1/2	1,610	1,58	4,96	2,60	4,72	1,06	1,89	268,40	600	2,08
2"	2,125	1,97	5,87	3,27	6,38	1,26	2,40	309,20	600	3,62



Pos	Description	Material	Qty
1	Body	Brass CW 510L	1
2	End connection	Brass CW 510L	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 510L	1
5	Stem	Brass CW 510L	1
6	Lower washer	P.T.F.E.	1
7	O-ring	NBR	1
8	Upper washer	P.T.F.E.	1
9	Brass ring	Brass CW 614N	1
10	Nut	Steel	2
11	Handle	Steel	1



ON REQUEST



BUTTERFLY

LOCKING
HANDLE

9276NLDN

Sweat/sweat drain cock steel handle

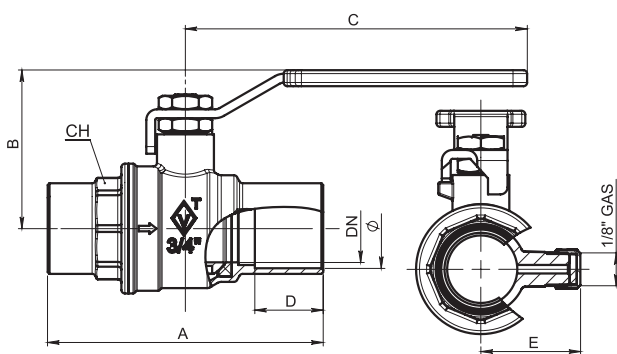


CHARACTERISTICS

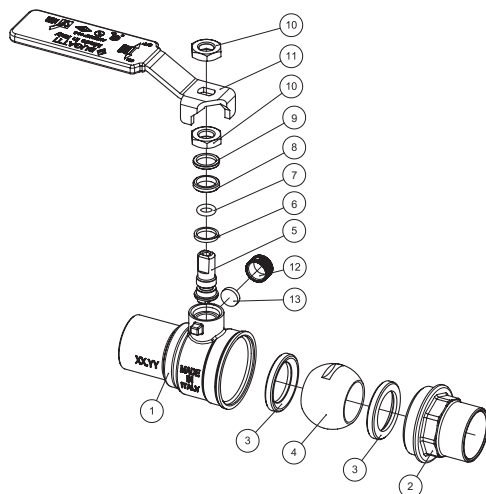
- Forged brass ball valve
- No-Lead Brass (Pb% ≤ 0,25)
- Swt / Swt: ASME B16.18
- Full port
- Sizes: 1/2" up to 1"
- Pressure rating: 600 WOG - 150 WSP
- Temperature range -4°F÷300°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats and adjustable packing nut
- Large steel handle PVC-coated
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	Sweat	Psi / Bar
92760156	0,59	1/2"	600 / 40
92760157	0,79	3/4"	600 / 40
92760158	0,98	1"	600 / 40

DIMENSIONS AND MATERIAL TABLE



Size	Ø	DN	A	B	C	D	E	Ch	CV	Psi	Lbs
1/2"	0,630	0,59	2,25	1,57	3,35	0,42	0,93	0,79	19,00	600	0,37
3/4"	0,866	0,79	3,05	1,77	3,80	0,61	1,08	1,06	34,40	600	0,57
1"	1,102	0,98	3,68	2,03	3,80	0,73	1,28	1,34	50,10	600	0,88



Pos	Description	Material	Qty
1	Body	Brass CW 510L	1
2	End connection	Brass CW 510L	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 510L	1
5	Stem	Brass CW 510L	1
6	Lower washer	P.T.F.E.	1
7	O-ring	NBR	1
8	Upper washer	P.T.F.E.	1
9	Brass ring	Brass CW 614N	1
10	Nut	Steel	2
11	Handle	Steel	1
12	Cap	Brass CW 614N	1
13	Seal	NBR	1



ON REQUEST



BUTTERFLY

LOCKING
HANDLE

9250NL

Compression/compression steel handle

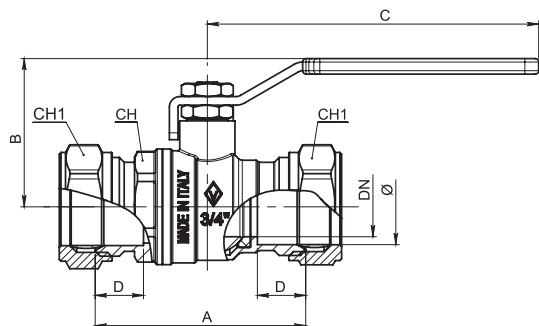


CHARACTERISTICS

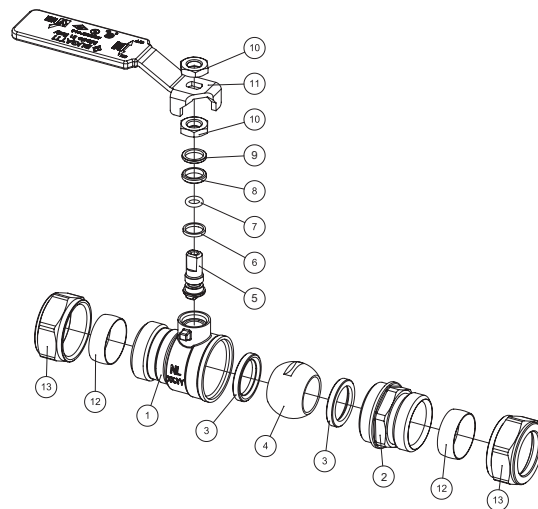
- Forged brass ball valve
- No-Lead Brass (Pb% ≤ 0,25)
- Compression
- Standard Port
- Sizes 1/2" up to 1"
- Pressure Rating 600 WOG - 150 WSP
- Temperature range -4°F÷300°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats and adjustable packing nut
- Large steel handle PVC-coated
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	Compression	Psi / Bar
92500004	0,47	1/2"	600 / 40
92500005	0,71	3/4"	600 / 40
92500006	0,91	1"	600 / 40

DIMENSIONS AND MATERIAL TABLE



Size	Ø	DN	A	B	C	D	Ch	Ch1	CV	Psi	Lbs
1/2"	0,63	0,47	2,15	1,60	3,35	0,53	0,91	1,02	19,00	600	0,48
3/4"	0,88	0,71	2,40	1,69	3,80	0,55	1,14	1,26	34,50	600	0,69
1"	1,13	0,91	2,89	2,02	3,80	0,63	1,42	1,54	50,18	600	1,09



Pos	Description	Material	Qty
1	Body	Brass CW 510L	1
2	End connection	Brass CW 510L	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 510L	1
5	Stem	Brass CW 510L	1
6	Lower washer	P.T.F.E.	1
7	O-ring	NBR	1
8	Upper washer	P.T.F.E.	1
9	Brass ring	Brass CW 614N	1
10	Nut	Steel	2
11	Handle	Steel	1
12	Olive	Brass CW 603N	2
13	Nut	Brass CW 614N	2



ON REQUEST



BUTTERFLY

LOCKING
HANDLE

9551

Female/female steel handle - reduced port

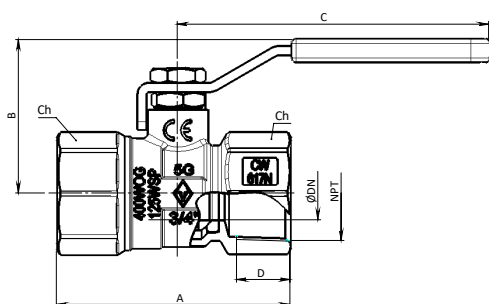


CHARACTERISTICS

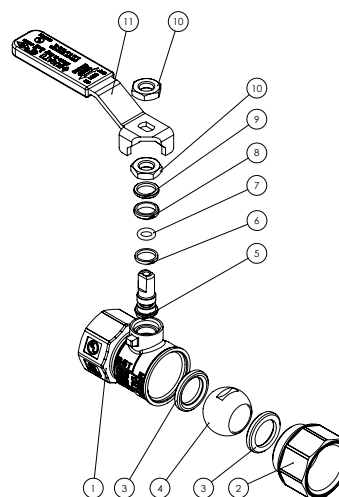
- Forged brass ball valve
- Female / Female: ASME B 1.20.1
- Reduced Port
- Sizes 1/2" up to 2"
- Pressure Rating 400 WOG - 125 WSP
- Temperature range -4°F÷300°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats and adjustable packing nut
- Large steel handle PVC-coated
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT	Psi / Bar
95510109	0,47	1/2"	400 / 30
95510110	0,57	3/4"	400 / 30
95510111	0,78	1"	400 / 30
95510112	0,90	1"1/4	400 / 30
95510113	1,14	1"1/2	400 / 30
95510114	1,43	2"	400 / 30

DIMENSIONS AND MATERIAL TABLE



Size	DN	A	B	C	D	Ch
1/2"	0,47	2,18	1,51	3,34	0,50	0,98
3/4"	0,57	2,50	1,59	3,34	5,57	1,22
1"	0,78	2,80	1,77	3,80	0,66	1,49
1"1/4	0,90	3,28	2,02	4,66	0,76	1,89
1"1/2	1,14	3,52	2,28	4,72	0,76	2,12
2"	1,43	4,09	2,50	4,72	0,82	2,63



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	End connection	Brass CW 617N	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 614N	1
5	Stem	Brass CW 614N	1
6	Lower seal	P.T.F.E.	1
7	O-ring	NBR70sh	1
8	Upper seal	P.T.F.E.	1
9	Brass ring	Brass CW 614N	1
10	Nut	Steel	2
11	Handle	-	1



ON REQUEST



BUTTERFLY

LOCKING
HANDLE

9401

Female/female steel handle

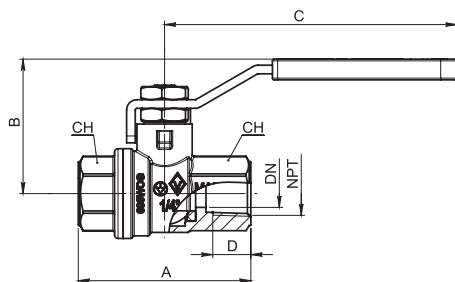


CHARACTERISTICS

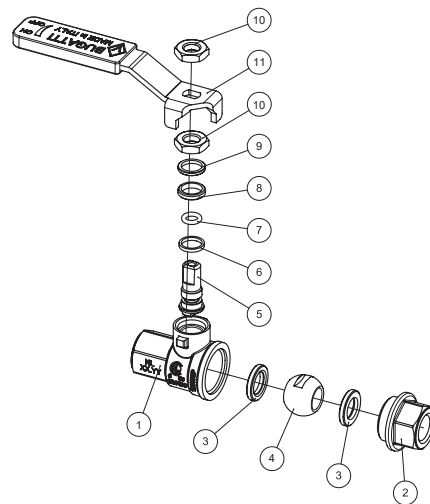
- Forged brass ball valve
- Female / Female: ASME B 1.20.1
- Full port
- Sizes 1/4" up to 3/8"
- Pressure Rating 600 WOG - 150 WSP
- Temperature range -4°F÷300°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats and adjustable packing nut
- Steel handle PVC-coated
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT	Psi / Bar
94010052	0,32	1/4"	600 / 40
94010053	0,39	3/8"	600 / 40

DIMENSIONS AND MATERIAL TABLE



Size	DN	A	B	C	D	Ch	CV	Psi	Lbs
1/4"	0,32	1,96	1,53	3,34	0,43	0,75	6,29	600	0,36
3/8"	0,39	1,96	1,53	3,34	0,43	0,86	6,99	600	0,37



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	End connection	Brass CW 617N	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 617N	1
5	Stem	Brass CW 617N	1
6	Lower washer	P.T.F.E.	1
7	O-ring	NBR	1
8	Upper washer	P.T.F.E.	1
9	Brass ring	Brass CW 614N	1
10	Nut	Steel	2
11	Handle	Steel	1

NPT THREAD (ASME B 1.20.1)



ON REQUEST



BUTTERFLY

LOCKING
HANDLE

9241

Female/female steel handle

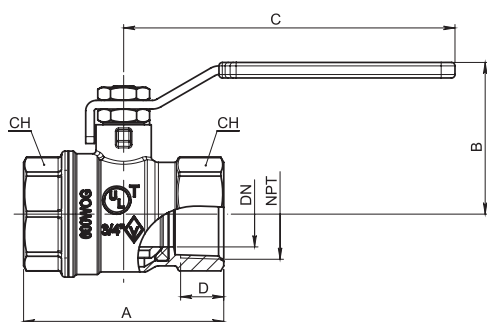


CHARACTERISTICS

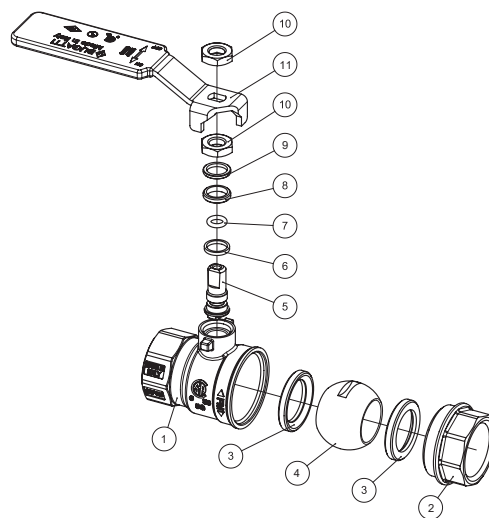
- Forged brass ball valve
- Female / Female: ASME B 1.20.1
- Full port
- Sizes 1/2" up to 4"
- Pressure Rating 600 WOG - 150 WSP
- Temperature range -4°F÷300°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats and adjustable packing nut
- Large steel handle PVC-coated
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT	Psi / Bar
92410290	0,59	1/2"	600 / 40
92410291	0,79	3/4"	600 / 40
92410292	0,98	1"	600 / 40
92410293	1,26	1"1/4	600 / 40
92410294	1,58	1"1/2	600 / 40
92410295	1,97	2"	600 / 40
92410313	2,55	2"1/2	600 / 40
92410302	3,14	3"	600 / 40
92410314	3,93	4"	600 / 40

DIMENSIONS AND MATERIAL TABLE



Size	DN	A	B	C	D	Ch	CV	Psi	Lbs
1/2"	0,59	2,09	1,57	3,35	0,46	0,98	19,00	600	0,39
3/4"	0,79	2,28	1,77	3,80	0,49	1,22	34,50	600	0,56
1"	0,98	2,80	2,03	3,80	0,59	1,50	50,18	600	0,87
1"1/4	1,26	3,23	2,32	4,72	0,62	1,85	103,70	600	1,43
1"1/2	1,58	3,70	2,60	4,72	0,64	2,13	268,40	600	2,17
2"	1,97	4,13	3,27	6,38	0,65	2,64	309,20	600	3,61
2"1/2	2,55	5,80	4,98	7,48	1,06	3,22		600	8,16
3"	3,14	6,71	5,59	8,86	1,14	3,78		600	12,35
4"	3,93	7,70	6,18	8,86	1,22	4,80		600	15,88



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	End connection	Brass CW 617N	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 617N	1
5	Stem	Brass CW 617N	1
6	Lower washer	P.T.F.E.	1
7	O-ring	NBR	1
8	Upper washer	P.T.F.E.	1
9	Brass ring	Brass CW 614N	1
10	Nut	Steel	2
11	Handle	Steel	1

**9406**

Male/female steel handle

**CHARACTERISTICS**

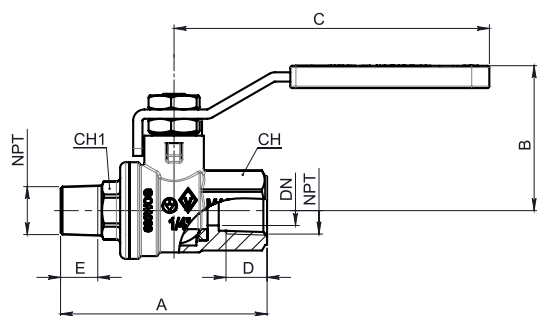
- Forged Brass Ball Valve
- Male / Female: ASME B 1.20.1
- Full Port
- Sizes 1/4" up to 3/8"
- Pressure Rating 600 WOG - 150 WSP
- Temperature range -4°F÷300°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats and adjustable packing nut
- Large steel handle PVC-coated
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

ON REQUEST

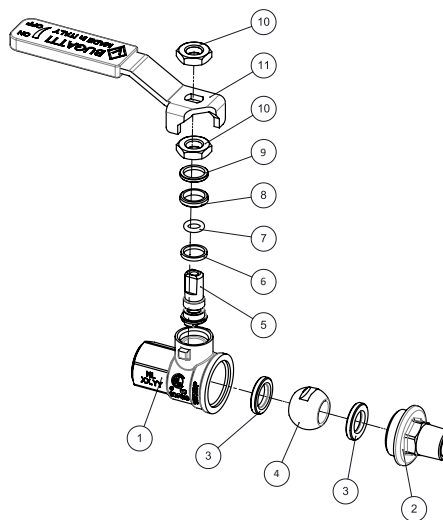
BUTTERFLY

LOCKING
HANDLE

Code	DN	NPT	Psi / Bar
94060052	0,32	1/4"	600 / 40
94060053	0,39	3/8"	600 / 40

DIMENSIONS AND MATERIAL TABLE

Size	DN	A	B	C	D	E	Ch	CV	Psi	Lbs
1/4"	0,32	2,18	1,53	3,34	0,43	0,39	0,75	6,29	600	0,35
3/8"	0,39	2,20	1,53	3,34	0,43	0,43	0,86	6,99	600	0,36



Pos	Description	Material	Qty
1	Body	Brass CW 510L	1
2	End connection	Brass CW 510L	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 510L	1
5	Stem	Brass CW 510L	1
6	Lower washer	P.T.F.E.	1
7	O-ring	NBR	1
8	Upper washer	P.T.F.E.	1
9	Brass ring	Brass CW 614N	1
10	Nut	Steel	2
11	Handle	Steel	1

**9246**

Male/female steel handle

**CHARACTERISTICS**

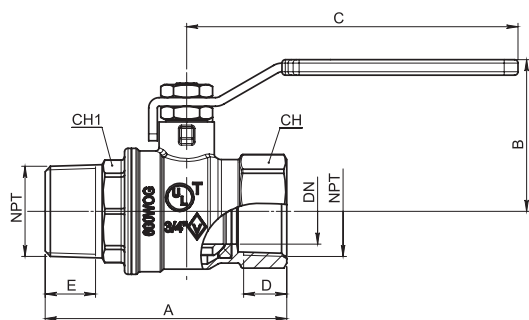
- Forged brass ball valve
- Male / Female: ASME B 1.20.1
- Full Port
- Sizes 1/2" up to 2"
- Pressure Rating 600 WOG - 150 WSP
- Temperature range -4°F÷300°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats and adjustable packing nut
- Large steel handle PVC-coated
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

ON REQUEST

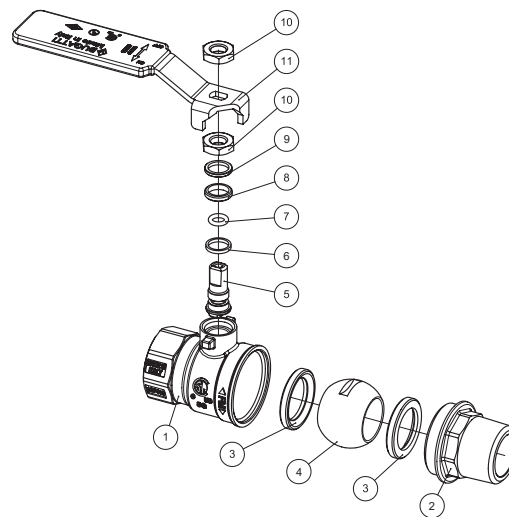
BUTTERFLY

LOCKING
HANDLE

Code	DN	NPT	Psi / Bar
92460022	0,59	1/2"	600 / 40
92460023	0,79	3/4"	600 / 40
92460024	0,98	1"	600 / 40
92460025	1,26	1"1/4	600 / 40
92460026	1,58	1"1/2	600 / 40
92460027	1,97	2"	600 / 40

DIMENSIONS AND MATERIAL TABLE

Size	DN	A	B	C	D	E	Ch	Ch1	CV	Psi	Lbs
1/2"	0,59	2,54	1,57	3,35	0,46	0,53	0,98	0,87	19,00	600	0,42
3/4"	0,79	2,75	1,77	3,80	0,49	0,55	1,22	1,12	34,50	600	0,63
1"	0,98	3,23	2,03	3,80	0,59	0,69	1,50	1,34	50,18	600	0,92
1"1/4	1,26	3,76	2,32	4,72	0,62	0,71	1,85	1,69	103,70	600	1,54
1"1/2	1,58	4,11	2,60	4,72	0,64	0,73	2,13	2,20	268,40	600	2,26
2"	1,97	4,72	3,27	6,38	0,65	0,85	2,64	2,40	309,20	600	3,71



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	End connection	Brass CW 617N	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 617N	1
5	Stem	Brass CW 617N	1
6	Lower washer	P.T.F.E.	1
7	O-ring	NBR	1
8	Upper washer	P.T.F.E.	1
9	Brass ring	Brass CW 614N	1
10	Nut	Steel	2
11	Handle	Steel	1



ON REQUEST



BUTTERFLY

LOCKING
HANDLE

9276

Sweat/sweat steel handle

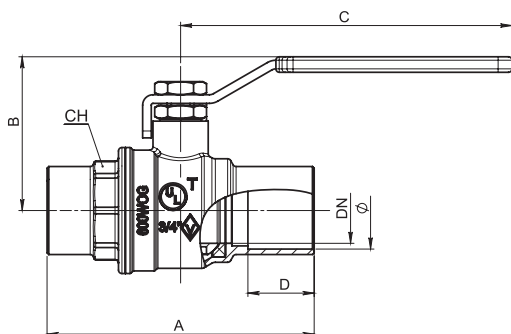


CHARACTERISTICS

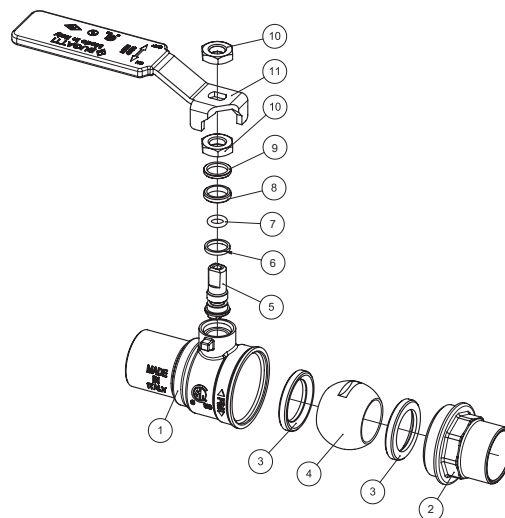
- Forged brass ball valve
- Swt / Swt: ASME B16.18
- Full port
- Sizes: 1/2" up to 2"
- Pressure rating: 600 WOG - 150 WSP
- Temperature range -4°F ÷ +300°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats and adjustable packing nut
- Large steel handle PVC-coated
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	Sweat	Psi / Bar
92760150	0,59	1/2"	600 / 40
92760151	0,79	3/4"	600 / 40
92760152	0,98	1"	600 / 40
92760153	1,26	1"1/4	600 / 40
92760154	1,58	1"1/2	600 / 40
92760155	1,97	2"	600 / 40

DIMENSIONS AND MATERIAL TABLE



Size	Ø	DN	A	B	C	D	Ch	CV	Psi	Lbs
1/2"	0,630	0,59	2,25	1,57	3,35	0,42	0,79	19,00	600	0,35
3/4"	0,866	0,79	3,05	1,77	3,80	0,61	1,06	34,40	600	0,55
1"	1,102	0,98	3,68	2,03	3,80	0,73	1,34	50,10	600	0,87
1"1/4	1,377	1,26	4,18	2,32	4,72	0,91	1,61	103,70	600	1,41
1"1/2	1,610	1,58	4,96	2,60	4,72	1,06	1,89	268,40	600	2,08
2"	2,125	1,97	5,87	3,27	6,38	1,26	2,40	309,20	600	3,62



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	End connection	Brass CW 617N	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 617N	1
5	Stem	Brass CW 617N	1
6	Lower washer	P.T.F.E.	1
7	O-ring	NBR	1
8	Upper washer	P.T.F.E.	1
9	Brass ring	Brass CW 614N	1
10	Nut	Steel	2
11	Handle	Steel	1



ON REQUEST



BUTTERFLY

LOCKING
HANDLE

9215

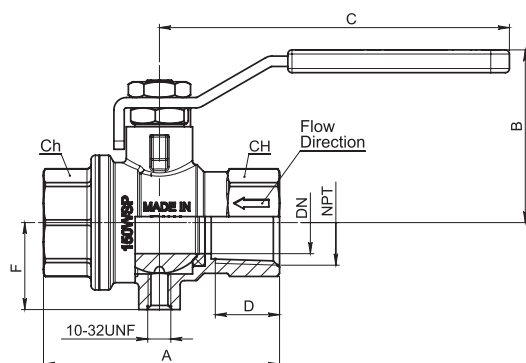
Female/female intake ports and steel handle

CHARACTERISTICS

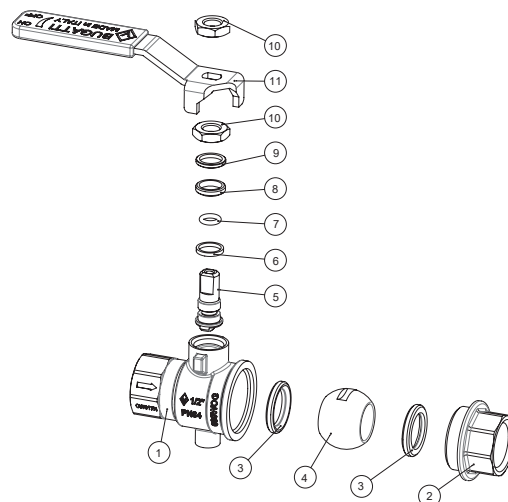
- Forged brass ball valve with safety exhaust
- Female / Female: ASME B 1.20.1
- Full port
- Size 1/4" up to 1"
- Pressure Rating 600 WOG - 150 WSP
- Temperature range -4°F÷300°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats and adjustable packing nut
- Steel handle PVC coated
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT	Psi / Bar
92150008	0,32	1/4"	600 / 40
92150009	0,39	3/8"	600 / 40
92150007	0,59	1/2"	600 / 40
92150010	0,79	3/4"	600 / 40
92150011	0,98	1"	600 / 40

DIMENSIONS AND MATERIAL TABLE



Size	DN	A	B	C	D	F	Ch	CV	Psi	Lbs
1/4"	0,32	2,09	1,53	3,34	0,43	0,7	0,75	6,29	600	0,4
3/8"	0,39	2,09	1,53	3,34	0,43	0,7	0,75	6,29	600	0,4
1/2"	0,59	2,28	1,61	3,35	0,59	0,82	0,98	19,00	600	0,42
3/4"	0,79	3,2	1,77	3,8	0,49	0,95	1,22	34,5	600	0,6
1"	0,98	3,5	2,03	3,8	0,59	1,15	1,5	50,18	600	0,9



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	End connection	Brass CW 617N	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 617N	1
5	Stem	Brass CW 614N	1
6	Lower washer	P.T.F.E.	1
7	O-ring	NBR	1
8	Upper washer	P.T.F.E.	1
9	Brass ring	Brass CW 614N	1
10	Nut	Steel	2
11	Handle	Steel	1



9800

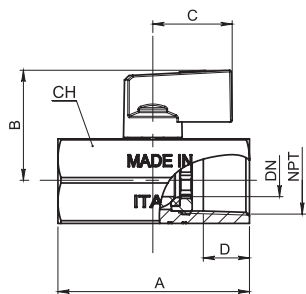
Mini-valve female/female sandblasted and nickel-plated

CHARACTERISTICS

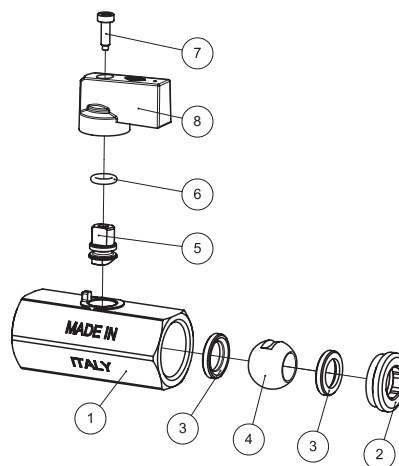
- Forged brass ball valve
- Female / Female: ASME B 1.20.1
- Nickel-Plated
- Sizes: 1/4" up to 1/2"
- Pressure rating: 450 WOG
- Temperature range -4 °F ÷ +200 °F
- Blow out proof stem
- Solid Chrome Plated ball
- P.T.F.E seats
- Aluminium handle
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT	Psi / Bar
98000009	0,31	1/4"	450 / 30
98000010	0,31	3/8"	450 / 30
98000011	0,39	1/2"	450 / 30

DIMENSIONS AND MATERIAL TABLE



Size	DN	A	B	C	D	Ch	CV	Psi	Lbs
1/4"	0,31	1,81	1,17	0,90	0,51	0,83	5,00	450	0,23
3/8"	0,31	1,85	1,17	0,90	0,51	0,83	5,00	450	0,20
1/2"	0,39	2,18	1,26	0,90	0,61	0,98	6,26	450	0,32



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	Compression ring	Brass CW 617N	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 617N	1
5	Stem	Brass CW 614N	1
6	O-ring	NBR	1
7	Screw	Steel	1
8	Handle	Aluminium	1



9805

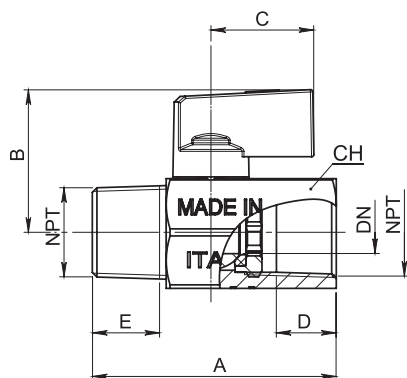
Mini-valve male/female sandblasted and nickel-plated

CHARACTERISTICS

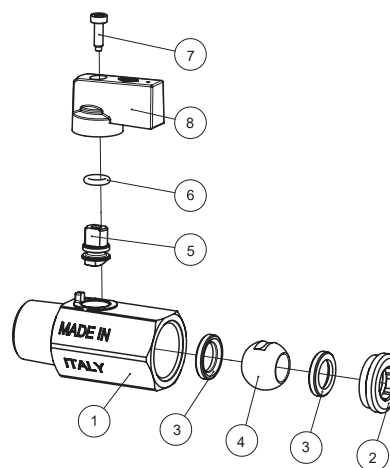
- Forged brass ball valve
- Male / Female: ASME B 1.20.1
- Nickel-Plated
- Sizes: 1/4" up to 1/2"
- Pressure rating: 450 WOG
- Temperature range -4 °F ÷ +200 °F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats
- Aluminium handle
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT	Psi / Bar
98050010	0,31	1/4"	450 / 30
98050011	0,31	3/8"	450 / 30
98050012	0,39	1/2"	450 / 30

DIMENSIONS AND MATERIAL TABLE



Size	DN	A	B	C	D	E	Ch	CV	Psi	Lbs
1/4"	0,31	1,75	1,17	0,90	0,51	0,40	0,83	5,00	450	0,19
3/8"	0,31	1,81	1,17	0,90	0,51	0,41	0,83	3,13	450	0,19
1/2"	0,39	2,14	1,26	0,90	0,61	0,52	0,98	6,26	450	0,29



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	Compression ring	Brass CW 617N	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 617N	1
5	Stem	Brass CW 614N	1
6	O-ring	NBR	1
7	Screw	Steel	1
8	Handle	Aluminium	1

ONE PIECE

CW617N Brass ball valve standard port - NPT thread (ASME B 1.20.1)

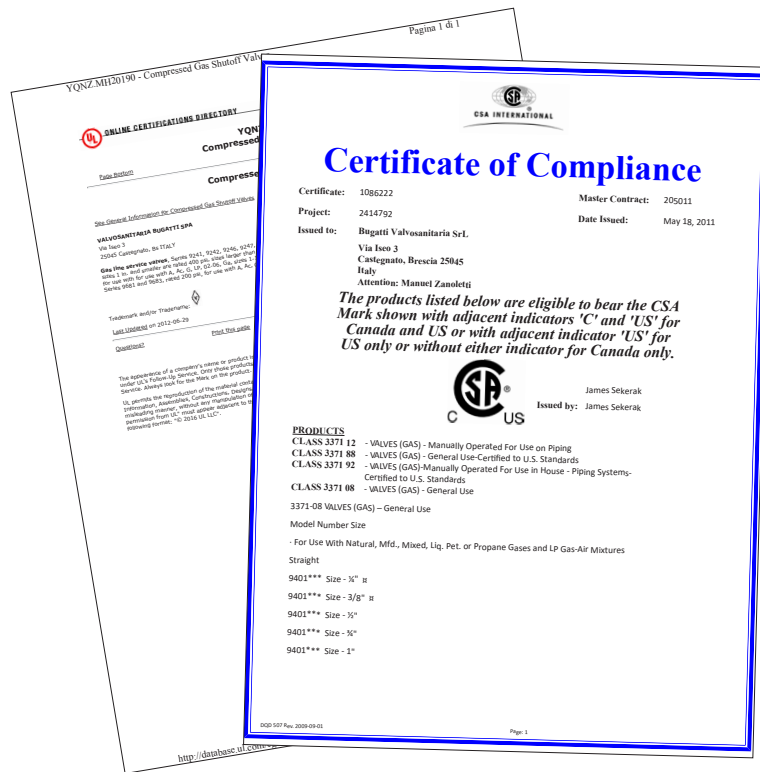
42



TWO PIECE

CW617N Brass ball valve - NPT thread (ASME B 1.20.1)

52



PRESSURE RATING: VARIES BY GAS TYPE. REFER TO PRODUCT CERTIFICATES.

**9681S**

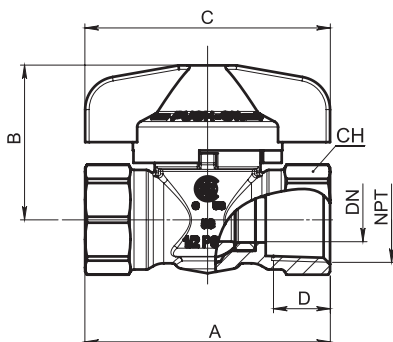
Female/female aluminium SAFETY STOP handle

**CHARACTERISTICS**

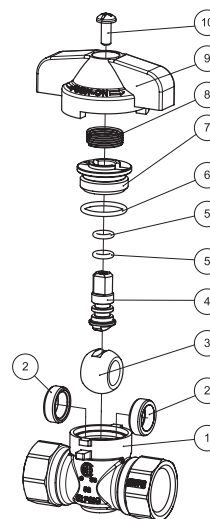
- Forged brass ONE PIECE ball valve
- Female / Female: ASME B 1.20.1
- Standard Port
- Sizes: 3/8" up to 3/4"
- Temperature range -4°F ÷ +140°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats
- Aluminium SAFETY STOP handle
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT
96810049	0,35	3/8"
96810050	0,41	1/2"
96810051	0,59	3/4"

DIMENSIONS AND MATERIAL TABLE



Size	DN	A	B	C	D	Ch	Lbs
3/4"	0,35	2,07	1,46	2,32	0,41	0,87	0,39
1/2"	0,43	2,32	1,46	2,32	0,54	0,98	0,42
3/4"	0,59	2,60	1,61	2,62	0,56	1,22	0,60



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 617N	1
5	Stem	Brass CW 614N	1
6	O-ring	NBR	2
6	O-ring	NBR	1
7	Locking ring	Brass CW 614N	1
8	Spring	AISI 302	1
8	Handle	Aluminium	1
10	Screw	Steel	1



9686

Female/flare aluminium SAFETY STOP handle

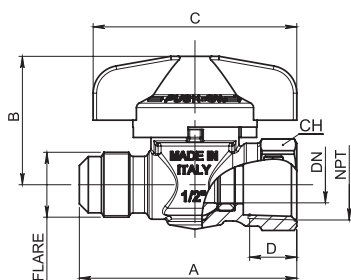


CHARACTERISTICS

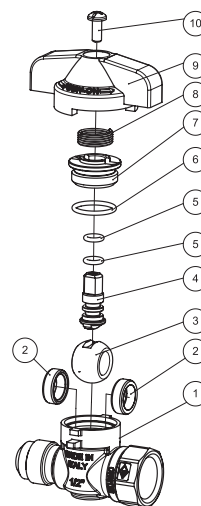
- Forged brass ONE PIECE ball valve
- Female / Flare: ASME B 1.20.1/SAE J513
- Standard Port
- Sizes: 1/2" up to 3/4"
- Temperature range -4°F ÷ +140°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats
- Aluminium SAFETY STOP handle
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT	FLARE
96860034	0,28	1/2"	3/8"(9/16"-24)
96860035	0,28	1/2"	3/8"(5/8"-18)
96860036	0,41	1/2"	1/2"(3/4"-16)
96860037	0,43	1/2"	5/8"(15/16"-16)
96860038	0,43	3/4"	1/2"(3/4"-16)
96860039	0,50	3/4"	5/8"(7/8"-14)
96860040	0,50	3/4"	5/8"(15/16"-16)

DIMENSIONS AND MATERIAL TABLE



Size	FLARE	DN	A	B	C	D	Ch	Lbs
1/2"	3/8"(9/16"-24)	0,28	2,24	1,46	2,32	0,54	0,98	0,38
1/2"	3/8"(5/8"-18)	0,28	2,40	1,46	2,32	0,54	0,98	0,40
1/2"	1/2"(3/4"-16)	0,41	2,48	1,46	2,32	0,54	0,98	0,41
1/2"	5/8"(15/16"-16)	0,43	2,89	1,46	2,32	0,54	0,98	0,49
3/4"	1/2"(3/4"-16)	0,43	2,76	1,61	2,62	0,56	1,22	0,55
3/4"	5/8"(7/8"-14)	0,50	2,83	1,61	2,62	0,56	1,22	0,61
3/4"	5/8"(15/16"-16)	0,50	2,83	1,61	2,62	0,56	1,22	0,61



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	Ball seal	P.T.F.E.	2
3	Ball	Brass CW 617N	1
4	Stem	Brass CW 614N	1
5	O-ring	NBR	2
6	O-ring	NBR	1
7	Locking ring	Brass CW 614N	1
8	Spring	AISI 302	1
9	Handle	Aluminium	1
10	Screw	Steel	1

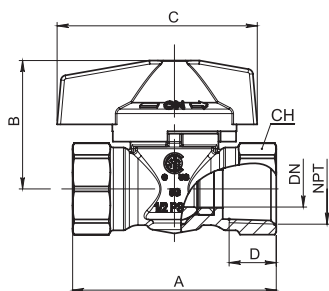
**9681**

Female/female aluminium handle

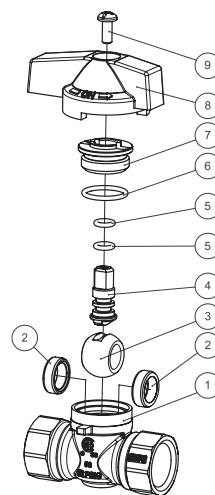
**CHARACTERISTICS**

- Forged brass ONE PIECE ball valve
- Female / Female: ASME B 1.20.1
- Standard port
- Sizes: 3/8" up to 1"
- Temperature range -4°F ÷ +140°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats
- Aluminium handle
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

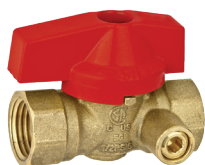
Code	DN	NPT
96810052	0,35	3/8"
96810053	0,43	1/2"
96810054	0,59	3/4"

DIMENSIONS AND MATERIAL TABLE

Size	DN	A	B	C	D	Ch	Lbs
3/8"	0,35	2,07	1,46	2,28	0,41	0,87	0,39
1/2"	0,43	2,32	1,46	2,28	0,54	0,98	0,42
3/4"	0,59	2,60	1,61	2,28	0,56	1,22	0,60



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	Ball seal	P.T.F.E.	2
3	Ball	Brass CW 617N	1
4	Stem	Brass CW 614N	1
5	O-ring	NBR	2
6	O-ring	NBR	1
7	Locking ring	Brass CW 614N	1
8	Handle	Aluminium	1
9	Screw	Steel	1

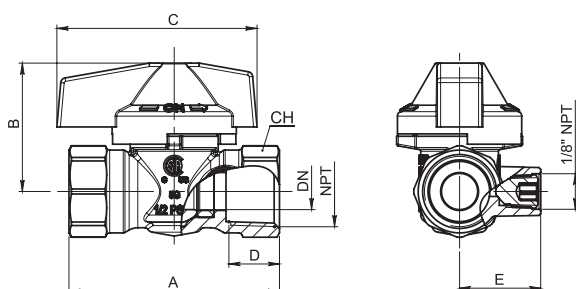
**9683**

Female/female drain cock aluminium handle

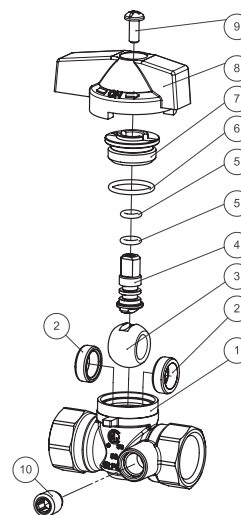
**CHARACTERISTICS**

- Forged brass ONE PIECE ball valve with drain
- Female / Female: ASME B 1.20.1
- Standard Port
- Sizes: 1/2" up to 3/4"
- Temperature range -4°F ÷ +140°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats
- Aluminium handle
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

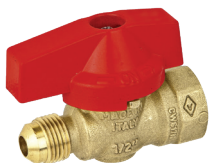
Code	DN	NPT
96830010	0,41	1/2"
96830011	0,59	3/4"

DIMENSIONS AND MATERIAL TABLE

Size	DN	A	B	C	D	E	Ch	Lbs
1/2"	0,43	2,40	1,46	2,28	0,54	0,96	0,98	0,46
3/4"	0,59	2,68	1,61	2,28	0,56	1,04	1,22	0,64



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	Ball seal	P.T.F.E.	2
3	Ball	Brass CW 617N	1
4	Stem	Brass CW 614N	1
5	O-ring	NBR	2
6	O-ring	NBR	1
7	Locking ring	Brass CW 614N	1
8	Screw	Steel	1
9	Handle	Aluminium	1
10	Cap	Brass CW 614N	1

**9656**

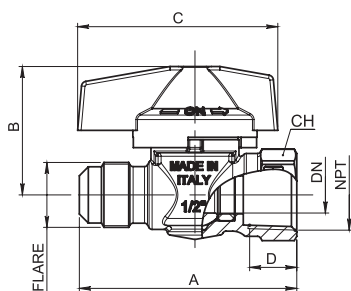
Female/flare aluminium handle

**CHARACTERISTICS**

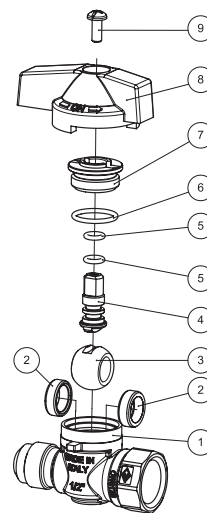
- Forged brass ONE PIECE ball valve
- Female / Flare: ASME B 1.20.1/SAE J513
- Standard Port
- Sizes: 1/2" up to 3/4"
- Temperature range -4°F ÷ +140°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats
- Aluminium handle
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT	FLARE
96560011	0,28	1/2"	3/8"(9/16"-24)
96560012	0,28	1/2"	3/8"(5/8"-18)
96560013	0,41	1/2"	1/2"(3/4"-16)
96560014	0,43	1/2"	5/8"(15/16"-16)
96560015	0,43	3/4"	1/2"(3/4"-16)
96560016	0,50	3/4"	5/8"(7/8"-14)
96560017	0,50	3/4"	5/8"(15/16"-16)

DIMENSIONS AND MATERIAL TABLE



Size	FLARE	DN	A	B	C	D	Ch	Lbs
1/2"	3/8"(9/16"-24)	0,28	2,24	1,46	2,28	0,54	0,98	0,38
1/2"	3/8"(5/8"-18)	0,28	2,40	1,46	2,28	0,54	0,98	0,40
1/2"	1/2"(3/4"-16)	0,41	2,48	1,46	2,28	0,54	0,98	0,41
1/2"	5/8"(15/16"-16)	0,43	2,89	1,46	2,28	0,54	0,98	0,41
3/4"	1/2"(3/4"-16)	0,43	2,76	1,61	2,28	0,56	1,22	0,49
3/4"	5/8"(7/8"-14)	0,50	2,83	1,61	2,28	0,56	1,22	0,61
3/4"	5/8"(15/16"-16)	0,50	2,83	1,61	2,28	0,56	1,22	0,61



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	Ball seal	P.T.F.E.	2
3	Ball	Brass CW 617N	1
4	Stem	Brass CW 614N	1
5	O-ring	NBR	2
6	O-ring	NBR	1
7	Locking ring	Brass CW 614N	1
8	Handle	Aluminium	1
9	Screw	Steel	1

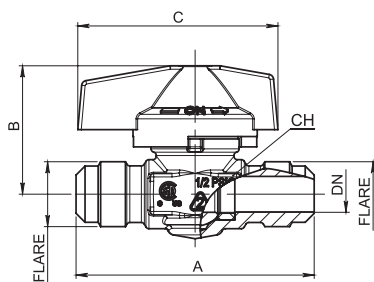
**9695**

Flare/flare aluminium handle

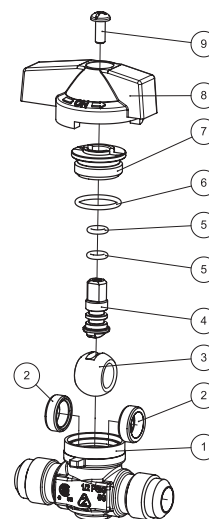
**CHARACTERISTICS**

- Forged brass ONE PIECE ball valve
- Flare / Flare: SAE J513
- Standard Port
- Sizes: 3/8" up to 5/8"
- Temperature range -4°F ÷ +140°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats
- Aluminium handle
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	FLARE
96950005	0,28	3/8"(5/8"-18)
96950006	0,41	1/2"(3/4"-16)
96950007	0,50	5/8"(7/8"-14)

DIMENSIONS AND MATERIAL TABLE

FLARE	DN	A	B	C	Ch	Lbs
3/8"(5/8"-18)	0,28	2,80	1,46	2,28	0,88	0,43
1/2"(3/4"-16)	0,41	2,72	1,46	2,28	0,88	0,41
5/8"(7/8"-14)	0,50	3,07	1,61	2,28	1,12	0,58



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	Ball seal	P.T.F.E.	2
3	Ball	Brass CW 617N	1
4	Stem	Brass CW 614N	1
5	O-ring	NBR	2
6	O-ring	NBR	1
7	Locking ring	Brass CW 614N	1
8	Handle	Aluminium	1
9	Screw	Steel	1

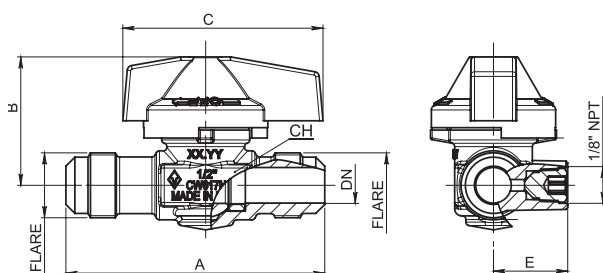
**9697**

Flare/flare drain cock aluminium handle

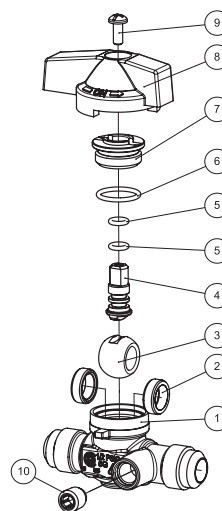
**CHARACTERISTICS**

- Forged brass ONE PIECE ball valve with drain
- Flare / Flare: SAE J513
- Standard Port
- Sizes: 3/8" up to 1/2"
- Temperature range -4°F ÷ +140°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats
- Aluminium handle
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	FLARE
96970006	0,28	3/8"(5/8"-18)
96970007	0,41	1/2"(3/4"-16)

DIMENSIONS AND MATERIAL TABLE

FLARE	DN	A	B	C	E	Ch	Lbs
3/8"(5/8"-18)	0,28	3,09	1,46	2,28	0,85	0,88	0,49
1/2"(3/4"-16)	0,41	2,95	1,46	2,28	0,85	0,88	0,44



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	Ball seal	P.T.F.E.	2
3	Ball	Brass CW 617N	1
4	Stem	Brass CW 614N	1
5	O-ring	NBR	2
6	O-ring	NBR	1
7	Locking ring	Brass CW 614N	1
8	Handle	Aluminium	1
9	Screw	Steel	1
10	Cap	Brass CW 614N	1

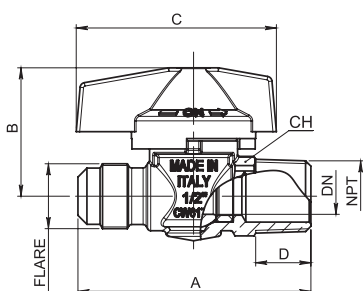
**9672**

Male/flare aluminium handle

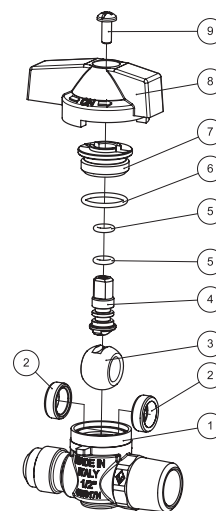
**CHARACTERISTICS**

- Forged brass ONE PIECE ball valve
- Male / Flare: ASME B 1.20.1/SAE J513
- Standard Port
- Sizes: 1/2"x3/8" up to 1/2"x1/2"
- Temperature range -4°F ÷ +140°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats
- Aluminium handle
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT	FLARE
96720005	0,28	1/2"	3/8"(5/8"-18)
96720006	0,41	1/2"	1/2"(3/4"-16)

DIMENSIONS AND MATERIAL TABLE

Size	FLARE	DN	A	B	C	D	Ch	Lbs
1/2"	3/8"(5/8"-18)	0,28	2,58	1,46	2,28	0,63	0,88	0,37
1/2"	1/2"(3/4"-16)	0,41	2,66	1,46	2,28	0,55	0,88	0,40



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	Ball seal	P.T.F.E.	2
3	Ball	Brass CW 617N	1
4	Stem	Brass CW 614N	1
5	O-ring	NBR	2
6	O-ring	NBR	1
7	Locking ring	Brass CW 614N	1
8	Handle	Aluminium	1
9	Screw	Steel	1

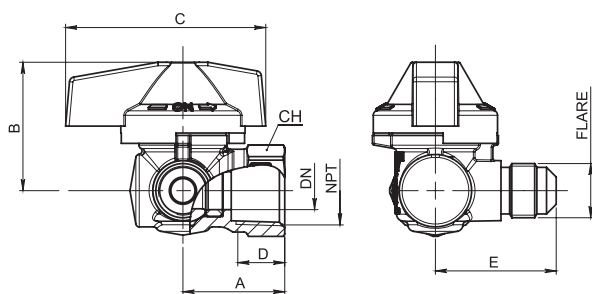
**9694**

Angle female/flare aluminium handle

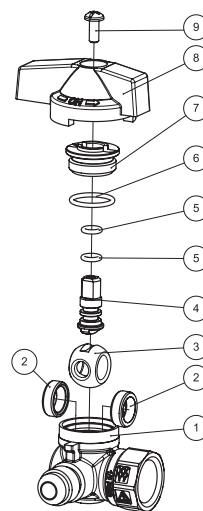
**CHARACTERISTICS**

- Forged brass ONE PIECE ball valve
- Male / Flare: ASME B 1.20.1/SAE J513
- Standard Port
- Sizes: 1/2" up to 3/4"
- Temperature range -4°F ÷ +140°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats
- Aluminium handle
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

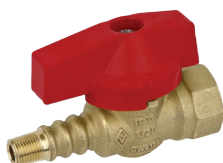
Code	DN	NPT	FLARE
96940010	0,28	1/2"	3/8"(5/8"-18)
96940011	0,50	3/4"	5/8 "(15/16"-16)

DIMENSIONS AND MATERIAL TABLE

Size	FLARE	DN	A	B	C	D	E	Ch	Lbs
1/2"	3/8"(5/8"-18)	0,28	1,16	1,46	2,32	0,54	1,38	0,98	0,35
3/4"	5/8 "(15/16"-16)	0,50	1,30	1,61	2,32	0,56	1,69	1,22	0,68



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	Ball seal	P.T.F.E.	2
3	Ball	Brass CW 617N	1
4	Stem	Brass CW 614N	1
5	O-ring	NBR	2
6	O-ring	NBR	1
7	Locking ring	Brass CW 614N	1
8	Handle	Aluminium	1
9	Screw	Steel	1

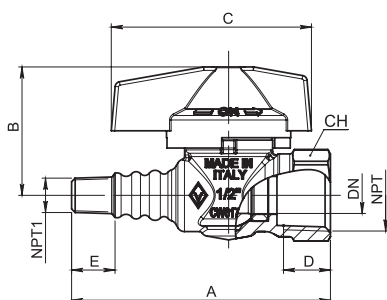
**9674**

Female/Texas Pattern aluminium handle

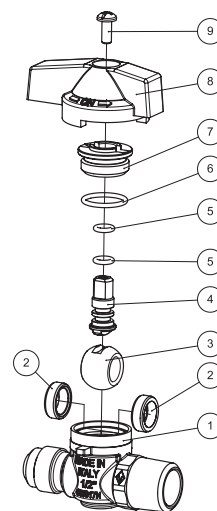
**CHARACTERISTICS**

- Forged brass ONE PIECE ball valve
- Female / Texas Pattern: ASME B 1.20.1
- Standard Port
- Sizes: 1/2"x1/8"
- Temperature range -4°F ÷ +140°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats
- Aluminium handle
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT	Texas Pattern
96740004	0,24	1/2"	1/8"

DIMENSIONS AND MATERIAL TABLE

NPT	NPT1	DN	A	B	C	D	E	Ch	Lbs
1/2"	1/8"	0,24	2,95	1,46	2,28	0,54	0,39	0,98	0,41



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	Ball seal	P.T.F.E.	2
3	Ball	Brass CW 617N	1
4	Stem	Brass CW 614N	1
5	O-ring	NBR	2
6	O-ring	NBR	1
7	Locking ring	Brass CW 614N	1
8	Handle	Aluminium	1
9	Screw	Steel	1

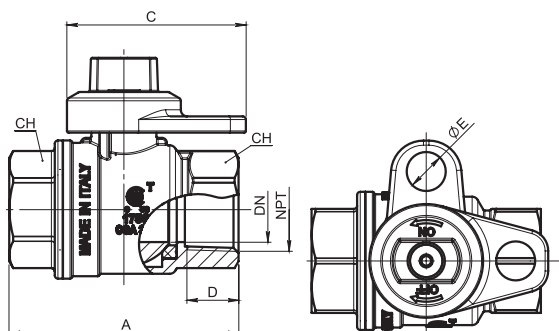
**9410**

Female/female brass handle

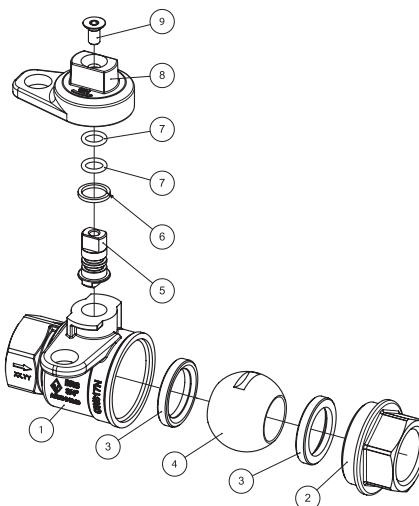
**CHARACTERISTICS**

- Forged brass ball valve
- Female / Female: ASME B 1.20.1
- Full Port
- Sizes 1/2" up to 2"
- Pressure Rating : 175 PSI
- Temperature range -4°F÷140°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats and adjustable packing nut
- Brass Handle
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT
94100011	0,59	1/2"
94100002	0,79	3/4"
94100003	0,98	1"
94100004	1,26	1"1/4
94100005	1,57	1"1/2
94100006	1,97	2"

DIMENSIONS AND MATERIAL TABLE

Size	DN	A	B	C	D	E	Ch	Psi	Lbs
1/2"	0,59	2,46	1,60	2,16	0,59	0,47	1,06	175	0,84
3/4"	0,79	2,77	1,73	2,16	0,64	0,47	1,25	175	1,10
1"	0,98	3,26	1,96	2,67	0,74	0,47	1,57	175	1,89
1"1/4	1,26	3,82	2,17	2,67	0,84	0,47	1,93	175	2,89
1"1/2	1,57	4,21	2,76	3,34	0,84	0,47	2,16	175	4,41
2"	1,97	4,72	2,95	3,34	1,01	0,47	2,71	175	6,56



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	End connection	Brass CW 617N	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 617N	1
5	Stem	Brass CW 617N	1
6	Lower washer	P.T.F.E.	1
7	O-ring	Viton	1
8	Handle	Brass CW 617N	1
9	Screw	Stainless Steel	1

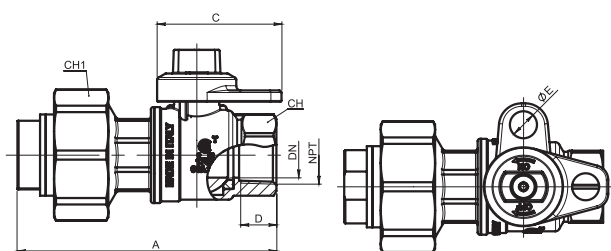
**9412**

Female/straight union brass handle

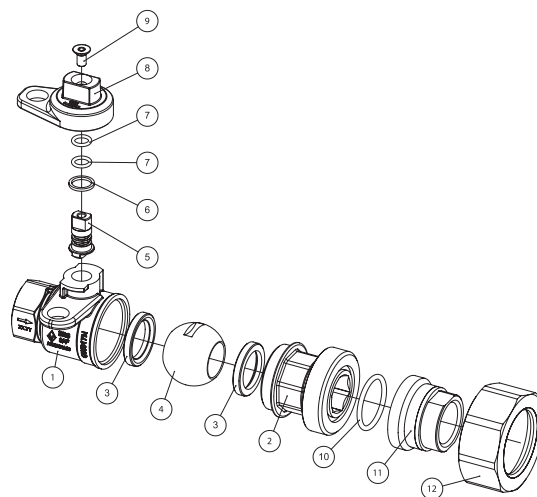
**CHARACTERISTICS**

- Forged brass ball valve with dielectric union
- Female / Female: ASME B 1.20.1
- Full Port
- Sizes 3/4" up to 1"
- Pressure Rating : 175 PSI
- Temperature range -4°F÷140°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats and adjustable packing nut
- Brass Handle
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT
94120001	0,79	3/4"
94120002	0,98	1"

DIMENSIONS AND MATERIAL TABLE

Size	DN	A	B	C	D	E	Ch	Ch1	Psi	Lbs
3/4"	0,79	4,51	1,73	2,16	0,64	0,47	1,25	2,16	175	2,31
1"	0,98	5,47	1,96	2,67	0,74	0,47	1,57	2,48	175	3,39



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	End connection	Brass CW 617N	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 617N	1
5	Stem	Brass CW 617N	1
6	Lower washer	P.T.F.E.	1
7	O-ring	Viton	1
8	Handle	Brass CW 617N	1
9	Screw	Stainless Steel	1
10	O-ring	Viton	1
11	Dielectric Tang	Brass CW 614N+NBR	1
12	Nut	Brass CW 617N	1

**9660**

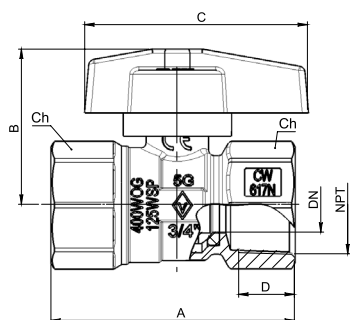
Female/female aluminium handle

**CHARACTERISTICS**

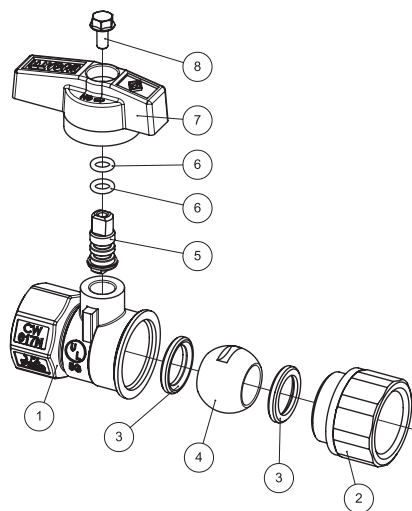
- Forged brass ball valve
- Female / Female: ASME B 1.20.1
- Standard Port
- Sizes 1/2" up to 1"
- Temperature range -4°F÷140°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats
- Aluminium handle
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT
96600001	0,47	1/2"
96600005	0,57	3/4"
96600025	0,79	1"

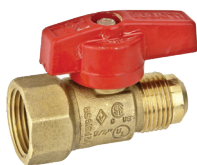
DIMENSIONS AND MATERIAL TABLE



Size	DN	A	B	C	D	Ch	Lbs
1/2"	0,47	2,26	1,45	2,28	0,55	0,98	0,37
3/4"	0,57	2,48	1,57	2,28	0,57	1,22	0,54
1"	0,79	2,79	1,72	2,58	0,66	1,49	0,73



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	End connection	Brass CW 617N	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 617N	1
5	Stem	Brass CW 617N	1
6	O-ring	Viton	2
7	Handle	Brass CW 617N	1
8	Screw	Steel	1

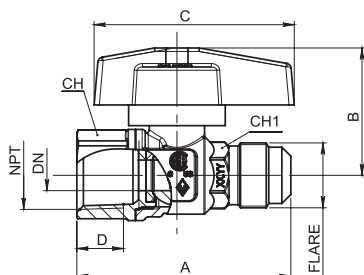
**9665**

Female/flare aluminium handle

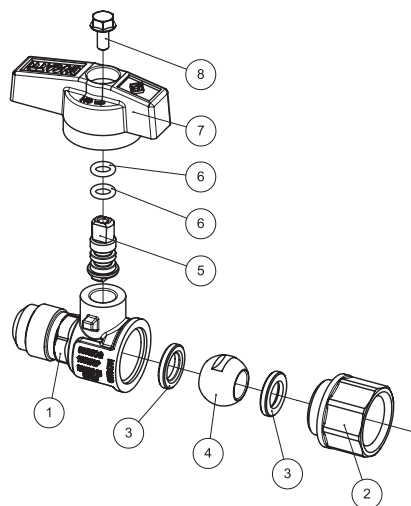
**CHARACTERISTICS**

- Forged brass ball valve
- Female / Flare: ASME B 1.20.1/SAE J513
- Standard Port
- Sizes 1/2" up to 3/4"
- Temperature range -4°F÷140°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats
- Aluminium handle
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	NPT	FLARE
96650024	0,28	1/2"	3/8"(5/8"-18)
96650025	0,41	1/2"	1/2"(3/4"-16)
96650026	0,5	1/2"	5/8"(7/8"-14)
96650027	0,5	3/4"	5/8"(7/8"-14)
96650028	0,5	3/4"	5/8"(15/16"-16)

DIMENSIONS AND MATERIAL TABLE

Size	FLARE	DN	A	B	C	D	Ch	Lbs
1/2"	3/8"(5/8"-18)	0,28	2,41	1,45	2,28	0,55	0,98	0,36
1/2"	1/2"(3/4"-16)	0,41	2,44	1,45	2,28	0,55	0,98	0,37
1/2"	5/8"(7/8"-14)	0,5	2,44	1,49	2,28	0,55	0,98	0,40
3/4"	5/8"(7/8"-14)	0,5	2,52	1,49	2,28	0,57	1,22	0,44
3/4"	5/8"(15/16"-16)	0,5	2,52	1,49	2,28	0,57	1,22	0,44



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	End connection	Brass CW 617N	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 617N	1
5	Stem	Brass CW 617N	1
6	O-ring	NBR	2
7	Handle	Aluminium	1
8	Screw	Steel	1

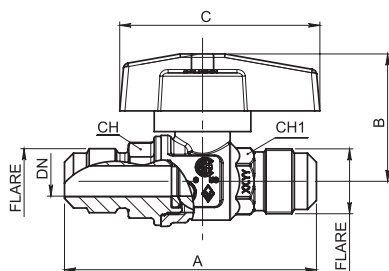
**9675**

Flare/flare aluminium handle

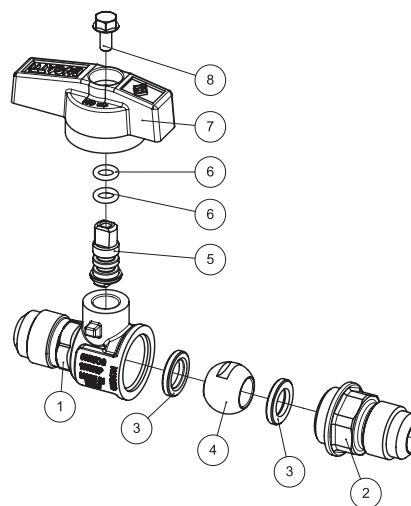
**CHARACTERISTICS**

- Forged brass ball valve
- Flare / Flare: SAE J513
- Standard Port
- Sizes 3/8" up to 5/8"
- Temperature range -4°F÷140°F
- Blow out proof stem
- Solid chrome plated ball
- P.T.F.E seats
- Aluminium handle
- 100% electronically tested at 5 Bar (70 Psi)
- 100% Made in Italy

Code	DN	FLARE
96750021	0,28	3/8"(5/8"-18)
96750022	0,41	1/2"(3/4"-16)
96750023	0,5	5/8"(7/8"-14)

DIMENSIONS AND MATERIAL TABLE

FLARE	DN	A	B	C	Ch	Lbs
3/8"(5/8"-18)	0,28	2,78	1,86	2,28	0,83	0,39
1/2"(3/4"-16)	0,41	2,87	1,86	2,28	0,83	0,40
5/8"(7/8"-14)	0,5	3,01	1,9	2,28	1,10	0,56



Pos	Description	Material	Qty
1	Body	Brass CW 617N	1
2	End connection	Brass CW 617N	1
3	Ball seal	P.T.F.E.	2
4	Ball	Brass CW 617N	1
5	Stem	Brass CW 617N	1
6	O-ring	NBR	2
7	Handle	Aluminium	1
8	Screw	Steel	1

Lined area for notes, consisting of multiple horizontal lines.

The products manufactured by VALVOSANITARIA BUGATTI GROUP S.r.l. (hereinafter referred to as "Company") are guaranteed for 2 years from the date of shipment from its premises. This warranty is additional to and does not affect the buyer's rights under the European Directive 99/44/CE and its national implementing decree, except where otherwise specified.

This warranty does not cover the failure or damage caused by:

- Transport not carried out by the Company.
- No compliance with instructions and warnings provided by the manufacturer and reported on manuals, and instructions and/or product catalogues.
- No compliance with law and/or regulations.
- Absence or lack of maintenance, neglect, inability to use, tampering.
- Improper installation and/or anomalies of any nature in the supply of hydraulic, electrical, fuel delivery and/or exhaust systems.
- Inadequate water treatments, disinfecting treatments improperly carried out.
- Corrosion due to the aggressive nature of water or condensation.
- Frost, stray currents, and/or harmful effects of lightning and storms.
- Preventive replacements.
- Causes of force majeure beyond the control of the manufacturing Company.

Any defect in materials or hidden faults as well as mistakes or differences in dimensions exceeding normal manufacturing tolerances will commit the Company to the replacement of defective parts only.

Any return of non-conforming goods will be accepted only with prior written authorization ("Return Authorization") by the Company's Sale Manager.

In any case the returned goods shall have to reach the Company's warehouse freight paid, otherwise the goods will be rejected and returned to the sender.

Any return of non-compliant material must be agreed in advance with the Company's Sale Director. Transport costs will be borne by the customer. The insurance cover has the duration of 10 years from the date of shipment from the Company's premises, as contemplated in the Decree 24-05-1988 n°224.

Only in the case of the implementation of non-conforming products manufactured by the Company and as a result, accidental damages to person or things, the Company will require their insurance agency to proceed according to its policy. The claim has to be placed within 10 days of the event, otherwise a non-compensation penalty will apply. A specific questionnaire including all the accident details, relevant documentation, and samples of the faulty articles which are necessary to complete the compensation file must be duly filled within 30 days.

No refund will be granted before the Company has verified the causes of the complaint.

Should laboratory tests be necessary, the costs incurred whilst checking and defining the non-conformity of a claim or return or damage will be charged to the customer if the fault cannot be attributed to the Company.

Installers are to carry out and document plant tests in compliance with international regulations in force in Italy as prescribed by the Ministerial Decree 37/08 and UNI 9182 standards.

ORDERS

All orders are placed as reservation and do not bind our Company to delivery, not even partially. Orders will be accepted and despatched only if in an amount exceeding 700 €.

PRICES

Unless otherwise agreed in writing the prices in force at the time of delivery or shipment shall apply.
Prices are meant for goods delivered EX WORKS.

SHIPMENTS

Goods are usually shipped freight collect, unless otherwise agreed.
Goods travel at buyer's risk even if sold free of carriage .

PAYMENTS

Payment conditions are those stated in the invoice and are binding.
Upon the expiration date of agreed deadlines, without any notice, interests on arrears calculated according to the average bank rate applied to the date of expiry shall be counted.
Any draft or payment fees will be at full client's charge.

CLAIMS

No claim will be accepted after 5 days upon goods receipt. Claims shall be submitted in writing and addressed to our headquarters.

RETURNED GOODS

No returned goods will be accepted without our previous authorization.
The authorization must be issued in writing and goods are, in any case, returned carriage paid.

SUSPENDED ORDERS AND FORCE MAJEURE

If the buyer does not comply, even partially with our terms of sale, our company can suspend further deliveries.
Our company is exempt from any obligation arising from the sale agreement in case of force majeure.

CHANGES

Our company reserves the right to make, without notice, any changes that are technically necessary at any time and for any reason.
Images included in this catalogue are shown for information purposes only and they do not bind the Company which reserves the right to make changes without prior notification.

COURT OF JURISDICTION

In the event of a dispute, the competent authority is the Court of Brescia.



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