

Union Ball Valves

October, 2018

Standard Port Ball Valves

For Plumbing System and Heating System

W103 series



Description

Ball valves with female-male and connections for plumbing and heating system.

Nickel plated outside and brass color inside. Standard port.

Butterfly handle and steel lever handle in blue color.

Versions and product codes

Product code	Description	Size	Use	Handle color
W10342N1012	MALE-FEMALE UNION CONNECTION WITH BUTTERFLY 1/2"	1/2"	Plumbing systems	Blue
W10342N1034	MALE-FEMALE UNION CONNECTION WITH BUTTERFLY 3/4"	3/4"		
W10342N1010	MALE-FEMALE UNION CONNECTION WITH BUTTERFLY 1"	1"		
W10342N1114	MALE-FEMALE UNION CONNECTION WITH HANDLE 1 1/4"	1-1/4"		

Technical data

Main features and materials

- Suitable for plumbing systems & heating systems
- Connections: F x M (ISO228)
- Standard port
- UNI EN 12165 CW617N nickel plated brass valve
- Stem with gland packing PTFE, adjustable and more reliable than O-rings structure
- Nut with anti-corrosion coating, self-lock, anti-released application
- Aluminum butterfly handle and steel lever handle (blue color for water use), with coating and strong



Field of application

- Max. working pressure at 20°C with water: 2.5 Mpa (25 Bar) for 1/2", 3/4", 1", 1-1/4"

- Max. working temperature for water: 60 °C
- Min. working temperature for water: -5 °C
- torque resistance:

Size, DN	10	15	20	25	32	40	50	65	80	100
Max. Torque N.m	35	75	100	125	160	200	250	300	370	465

Dimensions:

Size	A	B	C	I	J	H
1/2	74.5	54.3	56	24.8	14.3	EN24.5
3/4	79.5	59	56	26.5	17	EN30.3
1	97	71.8	72	31.7	21.3	EN37.5
1-1/4	111	95.8	131	36.5	26.8	EN46.2

Product Specifications

W103 series

Ball valve with male-female and female-female connections for plumbing systems. UNI EN 12165 CW617N nickel plated outside, brass color inside. Standard port. Aluminum handle and steel lever handle with blue color for water plumbing use. Stem with gland packing PTFE, can be adjustable for leakage, much more reliable and longer time use. Max. working pressure at 20°C with water: 2.5 Mpa (25 Bar) for 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2" and 1.6 Mpa (16 Bar) for 2-1/2", 3" and 4". Max. working temperature for water: 60 °C. Min. working temperature for water: -5 °C