

# BASIC

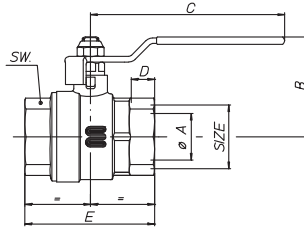
Full bore ball valve standard series



Art. S.0211 BASIC

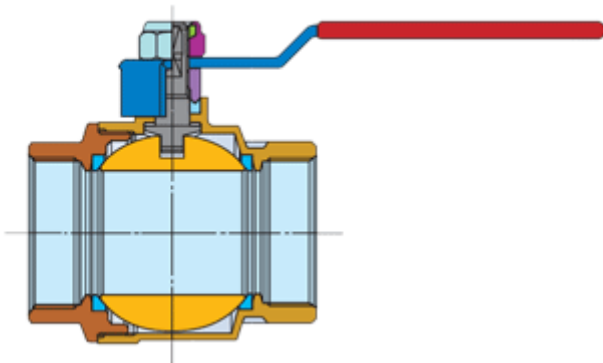


Full bore valve with steel handle, female/female, nickel-plated.



SIZE	¼"	¾"	½"	¾"	1"	1¼"	1½"	2"	2½"	3"	4"
øA pass./bore	10	10	15	20	25	32	40	50	65	80	100
B mm	38	38	39,5	47,5	51,5	62	71	85,5	98,5	112,5	135
C mm	90	90	90	105	105	120	140	170	170	250	250
D mm	11	11,4	9,5	11	12,5	13,5	15,5	17,5	19,5	21	24,3
E mm	47,5	49,5	49	59	70	81	94	112	134	156	189
SW mm	17	21	25	31	38	47	54	66	83	97	124
Peso/Weight gr.	140	153	182	307	465	795	1330	2280	3202	5376	9080

## MATERIAL SPECIFICATION



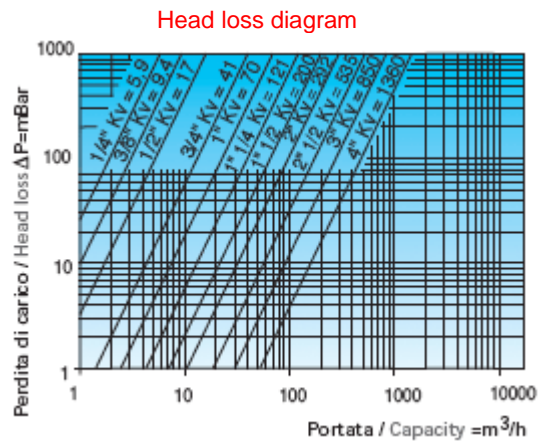
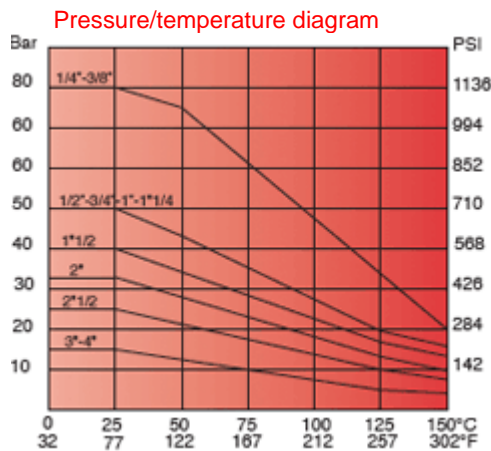
1	BODY
2	END ADAPTER
3	BALL
4	BALL GASKETS
5	STEM
6	THRUST WASHER
7	STEM PACKING
8	GLAND
9	HANDLE
10	SELF-LOCKING NUT

	COMPONENT	MATERIAL	DESCRIPTION
1	BODY	CW 617 N UNI EN 12165	Nickel-plated forged brass
2	END ADAPTER	CW 617 N UNI EN 12165	Nickel-plated forged brass
3	BALL	CW 614 N UNI EN 12164	Machined brass bar, chrome-plated
4	BALL GASKETS	P.T.F.E.	Pure Teflon
5	STEM	CW 614 N UNI EN 12164	Machined brass bar, nickel-plated
6	THRUST WASHER	P.T.F.E.	Pure Teflon
7	STEM PACKING	P.T.F.E.	Pure Teflon
8	GLAND	CW 614 N UNI EN 12164	Machined brass bar
9	HANDLE	Steel Fe P02	Zinc-plated, red P.V.C. insulated
	LEVER and T-HANDLE	AL UNI5076	Red polyurethan-coated aluminium
10	SELF-LOCKING NUT	Zinc-plated 8G steel	Zinc-plated

# BASIC

Full bore ball valve standard series

## TECHNICAL FEATURES AND USES



### CHARACTERISTICS

- Standard series, full bore, short threads.
- Perfect tightness at low and high pressure.
- Long life with no maintenance.

### THREADS

- Threaded ends UNI ISO 228/1.

### USES

- The BASIC ball valves are suitable for hot and cold water, compressed air, oils and hydrocarbons in general.
- For special uses please see the chemical resistance tables.

### WORKING PRESSURE

- From PN 80 (size 1/4") to PN 16 (size 4").
- See pressure/temperature diagram.

### TEMPERATURE LIMITS

- From -20°C to +140°C.
- See pressure/temperature diagram

### NOTE

- According to UNI EN 13828 in presence of water which could be aggressive for brass alloy, as agree with UNI EN ISO 6509 standard, is necessary the brass alloy CW602N. The manufacture is available on request.

**BASIC ball valves are manufactured in accordance with EN 13828 standard.**

