

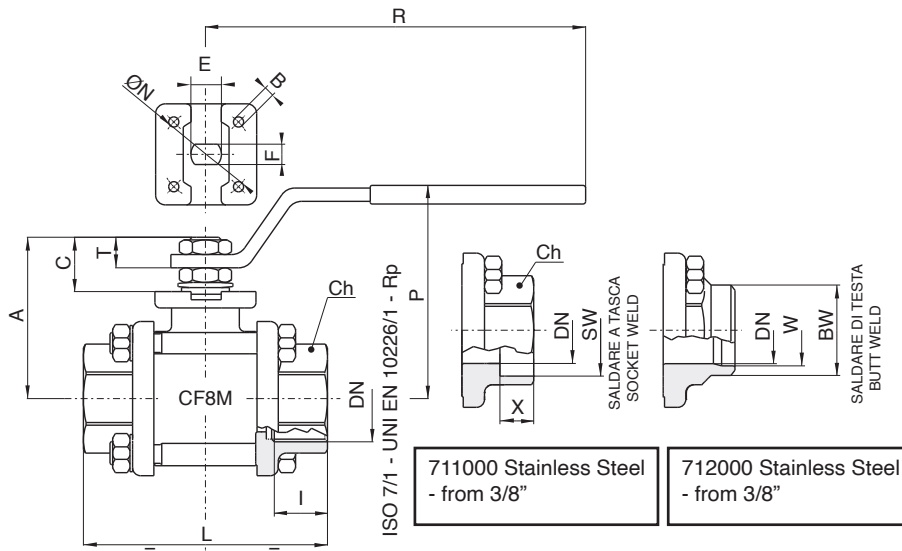
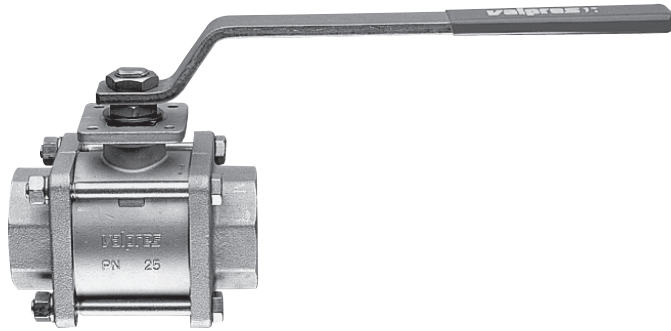
# Stainless Steel Ball Valves Three-Piece Design



Connections: 1/4, 3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4

Full bore Valves for quarter turn on-off control of most non-corrosive and some corrosive liquids and gases compatible with the technical data below. Socket weld and butt weld types available.

Part Number: 710000\* - Female/Female  
711000\* - Socket Weld  
712000\* - Butt Weld



711000 Stainless Steel  
- from 3/8"

712000 Stainless Steel  
- from 3/8"

- ✓ Ex Stock
- ✎ UK Assembly
- ☎ Please Call Sales Office

**Technical Data**

**Media**

Any application with media suitable to material of construction

**Operating Pressure**

Nominal working pressure (PN) in BAR - See chart  
Vacuum: Maximum 10<sup>-3</sup> torr.

**Operating Temperature**

-20°C to +160°C

**Flow Rates**

Flow rates stated in Kv: Flow coefficient in m<sup>3</sup>/h at differential pressure of 100kPa

**Threads/Connections**

710000 - Female/Female ISO 7/1  
711000 - Socket Weld  
712000 - Butt Weld

**Material**

Body, Spindle: CF8M Stainless Steel  
Ball: AISI316-CF8M Stainless Steel  
Seals: PTFE (Weld end valves 15% glass reinforced)  
90° Cam, Lever: Stainless Steel  
AISI430  
Stem O Ring: Viton  
Other metal Parts: Stainless Steel  
AISI303, 305

**Actuation**

90° rotation of lever  
We recommend that the valve is used in either the fully open or fully closed position. In addition, the valve should be actuated at least twice a year

**Additional Options**

710001 - Female/Female NPT B.1.20.1  
710009 - Female/Female PTFE Cavity Filled Seat  
710168 - Female/Female Gas Antistatic Device

**V Ball Option**



**Special Requests**

For assistance, contact our technical office

Dimensions (mm)																					
	Size	DN	SW	X	BW	W	I	L	Ch	R	P	A	C	T	E	F	N	B	Kv	PN	Kg
*02	✓ 1/4	8	-	-	-	-	11	57	OT.22	110	50	35	13.5	9	8	5	-	-	5.5	64	0.28
*03	✓ 3/8	10	18.2	9.5	17.1	12.48	11.4	57	OT.22	110	50	35	13.5	9	8	5	-	-	8.5	64	0.27
*04	✓ 1/2	15	22.4	9.5	21.3	15.76	15	65	OT.27	131	64	47	15	10	10	7	36	6	19.2	64	0.50
*05	✓ 3/4	20	27.7	11.1	26.7	20.96	16.3	76	OT.32	131	68	52	16	10	10	7	42	5.5	35.0	40	0.70
*06	✓ 1	25	34.5	12.7	33.4	26.64	19.1	92	OT.41	174	79	60	19.5	12.5	12	8	42	6	64.5	40	1.20
*07	✓ 1 1/4	32	43.2	14.3	42.2	35.08	21.4	106.5	OT.50	174	83	64	19.5	12.5	12	8	42	5.5	103.8	25	1.70
*08	✓ 1 1/2	40	49.5	15.9	48.3	40.94	21.4	116	OT.55	250	100	79	24	16.5	16	10	50	6.5	174.0	25	2.50
*10	✓ 2	50	62	17.5	60.3	52.48	25.7	136	OT.70	250	107	86	24	16.5	16	10	50	6.5	301.3	25	3.90
*12	✓ 2 1/2	65	76.5	20	73	62.68	30.2	153.5	Ø90	321	126	103	28	18	20	14	70	M8	545.7	16	8.15
*14	✓ 3	80	89.5	20	88.9	77.92	33.3	180	Ø105	321	137	114	28	18	20	14	70	M8	872.5	16	12.80
*18	✓ 4	100	115	20	114.3	102.26	39.3	217	Ø130	381	156	137	34.5	22	24	18	102	M10	1363.3	16	21.50