

250N LF - 253N LF

DIRECT MOUNT 2-WAY BALL VALVE

Lead free brass ball valve, FNPT threaded, with ISO 5211 pad for actuator, full port.

- Pressure rating 600 WOG-150 WSP.
- Temperature range -4°F to +366°F.
- ANSI B1.20.1 connections.
- Blow-out proof stem, SLT. coated LF brass ball and double O-ring stem packing.
- PTFE seats with O-ring backing for low operating torque.
- 100% electronically tested in the open and closed position at 80 psi.
- Valve to be used in fully open or fully closed position.

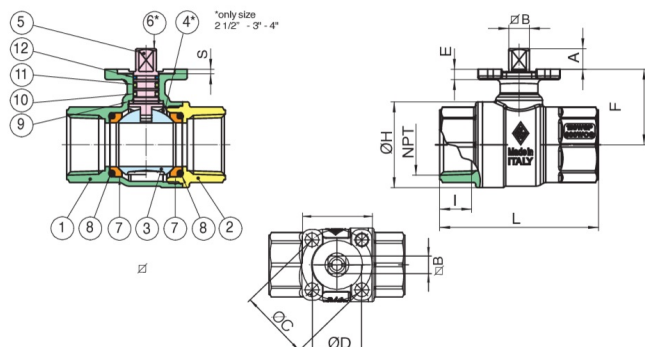
250N LF: size 1/4" to 4".

253N LF: WITH STAINLESS STEEL BALL AND STEM - size 1/4" to 4".

LEAD FREE 

COMPLIES WITH CALIFORNIA AB1953

Technical specifications



O-RING BACKING PTFE SEATS

*Torque values in the table are measured in laboratory tests under the following conditions:

TEMPERATURE: 68°F

PRESSURE: 0 psi

FLUID: purified water

POSITION	PART NAME	MATERIAL	N.° PIECES
1	BODY	LF BRASS C28500*	1
2	END CONNECTION	LF BRASS C28500*	1
3	BALL 250N LF	LF BRASS C28500*	1
4	BALL 253N LF	AISI 316-CF8M	1
5	STEM 250N LF	LF BRASS C28500*	1
6	STEM 253N LF	AISI 304	1
7	BALL SEAT	PTFE	2
8	O-RING	FKM (Viton)	2
9	THRUST WASHER	PTFE	1
10	O-RING	FKM (Viton)	1
11	O-RING	EPDM	1
12	THRUST WASHER	PTFE	1

* **Lead free** refers to the wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average lead content not more than 0.25%. Source: California health & Safety code (116875). Vermont Act 193.

SIZE		I	CH	ØH	L	A	B	QC ISO 5211	ØD	S	E	F	B MM	CV	PSI	WEIGHT (LBS)	BREAK TORQUE (IN-LBS)
1/4"	1.42	0.39	0.79	1.18	2.24	0.35	0.24	F03	0.98	0.08	0.18	1.22	9	6.24	600	0.46	26.55
3/8"	1.42	0.41	0.79	1.18	2.24	0.35	0.24	F03	0.98	0.08	0.18	1.22	9	3.94	600	0.44	26.55
1/2"	1.42	0.54	0.98	1.18	2.52	0.35	0.24	F03	0.98	0.08	0.18	1.22	9	18.84	600	0.50	26.55
3/4"	1.42	0.55	1.22	1.48	2.74	0.35	0.24	F03	0.98	0.12	0.18	1.30	9	34.10	600	0.74	35.40
1"	1.42	0.66	1.50	1.83	3.23	0.35	0.24	F03	0.98	0.12	0.18	1.56	9	49.71	600	1.22	44.25
1 1/4"	1.42	0.68	1.89	2.21	3.54	0.35	0.24	F03	0.98	0.12	0.18	1.69	9	102.88	600	1.84	53.10
1 1/2"	1.97	0.68	2.12	2.74	4.00	0.43	0.28	F05	1.38	0.12	0.28	2.21	11	265.88	600	3.49	79.66
2"	1.97	0.70	2.64	3.47	4.69	0.43	0.28	F05	1.38	0.12	0.28	2.57	11	306.34	600	5.35	88.51
2 1/2"	2.68	0.93	3.39	4.41	5.95	0.59	0.35	F07	2.17	0.12	0.34	3.23	14	624.24	600	10.82	238.97
3"	2.68	1.02	4.02	5.20	6.69	0.59	0.35	F07	2.17	0.12	0.34	3.60	14	1009.19	600	16.27	256.67
4"	2.68	1.09	4.92	6.46	7.84	0.69	0.35	F07	2.17	0.12	0.34	4.43	17	1606.84	600	27.54	486.79

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Certifications



UL certified



HEALTH EFFECTS



TSSA