

SERIES 250N - 253N DIRECT MOUNT 2 WAY BALL VALVE

Brass ball valve, FNPT threaded, full port with ISO 5211 pad for actuator, sizes from 1/4" to 4".

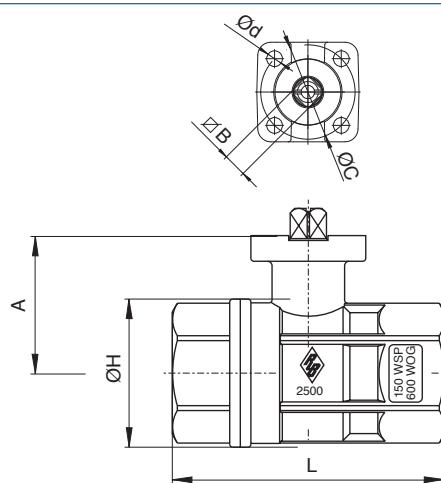
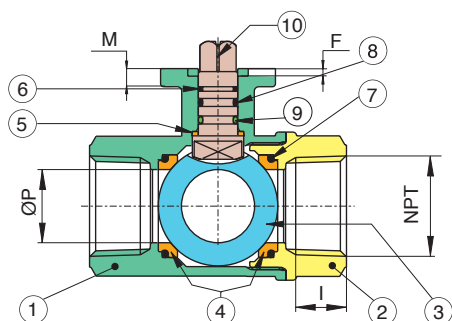
- Pressure rating 600 WOG-150 WSP.
- Temperature range -4° F to +366 °F.
- Blow out proof stem.
- P.T.F.E seats with O-ring backing for low operating torque.
- P.T.F.E seats and double O-ring stem packing.
- 100% electronically tested in the open and closed position at 80 psi.
- Not to be used for drinking water.
- Valve to be used in fully open or fully closed position.
- ANSI B1.20.1 connections.

250N: WITH BRASS BALL AND STEM - size up to 4".

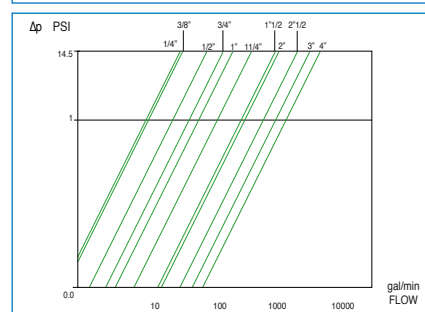
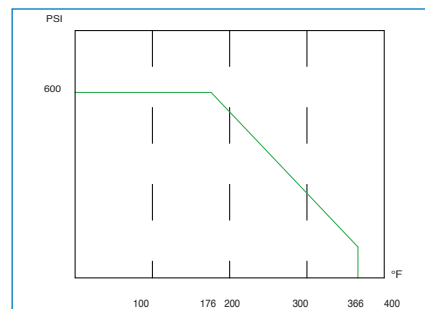
253N: WITH STAINLESS STEEL BALL AND STEM - size up to 2".

MEETS THE DESIGN CRITERIA OF MSS_SP_110.

O-RING BACKING P.T.F.E. SEATS



* (in-Lbs) Torque values in the table are measured in laboratory tests under the following conditions:
TEMPERATURE: 68°F
PRESSURE: 0 psi
FLUID: PURIFIED WATER



N POS	PART NAME	MATERIAL	N PCS	SIZE	A	ØC ISO 5211	F	ØB mm	Ød	ØH	I	L	CH	M	ØP	Cv	psi	Weight Lbs	* Torque in-Lbs
1	BODY	BRASS C38000	1	1/4"	1.28	1.42 (ISO F03)	0.08	9	0.24	1.32	0.39	2.64	1.06	0.22	0.39	6.24	600	0.81	17.70
2	END CONNECTION	BRASS C38000	1	3/8"	1.28	1.42 (ISO F03)	0.08	9	0.24	1.32	0.41	2.64	1.06	0.22	0.39	6.94	600	0.79	17.70
3	BALL	BRASS C38000	1	1/2"	1.28	1.42 (ISO F03)	0.08	9	0.24	1.32	0.54	2.64	1.06	0.22	0.55	18.84	600	0.68	17.70
4	BALL SEAT	P.T.F.E	2	3/4"	1.36	1.42 (ISO F03)	0.12	9	0.24	1.57	0.55	2.99	1.26	0.20	0.75	34.10	600	0.88	26.60
5	THRUST WASHER	P.T.F.E	1	1"	1.79	1.42 (ISO F03)	0.12	9	0.24	1.93	0.66	3.35	1.61	0.24	0.95	49.71	600	1.59	26.60
6	STEM SEAL	P.T.F.E	1	1 1/4"	1.93	1.42 (ISO F03)	0.12	9	0.24	2.30	0.68	3.66	1.97	0.24	1.18	102.89	600	2.23	53.10
7	O-RING	FKM (Viton®)	2	1 1/2"	2.52	1.97 (ISO F05)	0.12	11	0.28	2.87	0.68	4.13	2.17	0.31	1.50	265.90	600	3.70	88.50
8	O-RING	EPDM	1	2"	2.88	1.97 (ISO F05)	0.12	11	0.28	3.60	0.70	4.80	2.76	0.31	1.98	306.36	600	3.95	106.20
9	O-RING	FKM (VITON®)	1	2 1/2"	3.48	2.76 (ISO F7)	0.12	14	0.35	4.51	0.93	6.10	3.54	0.35	2.52	624.28	600	9.57	274.40
9	STEM	BRASS C38500	1	3"	3.86	2.76 (ISO F7)	0.12	14	0.35	5.35	1.02	6.89	4.13	0.35	2.99	1009.25	600	13.38	354.30
				4"	4.59	2.76 (ISO F7)	0.12	17	0.35	6.54	1.09	8.03	5.12	0.33	3.74	1606.94	600	21.16	575.30

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.