

250LF Series

Direct Mount Automated Lead Free Brass Ball Valves



The 250 series automated ball valves are full port, lead free brass, automated ball valves. They have NPT Female, end connections and an ISO 5211 direct mount actuator mounting pad.

FEATURES

- Full port ball drilling for unrestricted flow
- ISO 5211 direct mount actuator mounting pad
- Investment cast 2-piece lead free brass body
- Blow-out proof stem
- Compact assembly
- Locking device
- Adjustable stem packing
- 100% factory tested

MATERIALS

Seats & Seals: PTFE

Body & End Cap: Lead Free Brass

Ball: Lead Free Brass

SPECIFICATIONS

Max. Temperature: 366°F

Pressure Range:
29 inHg vacuum to 600 PSI (WOG)
29 inHg vacuum to 150 PSI (WSP)

END CONNECTIONS

NPT (female):
3/4" and 1"

APPROVALS & CERTIFICATIONS

AGA221.15, AGA 3-88, ASME 16.33, ASME 16.38, CAN/CGA-3.16, MSS SP-110, UL YSDT, UL YRPV, UL VQGU, and FM-FMRC Class 1140

Complies with California AB1953

Meets US Federal requirements in The Reduction of Lead in Drinking Water Act.

250LF SERIES MODEL NUMBERING

Model Number X **250LF** NX

Line Size: _____

D = 3/4"

E = 1"

Valve Series: _____

250LF

Connection Type: _____

N = female NPT

Actuator: _____

A variety of actuators with accessories are available: (see left column)

Pneumatic

- spring return or direct acting
- NAMUR solenoid valves
- push fittings
- limit switches

Electric

- various IP ratings and voltages
- modulating or on/off

AVAILABLE ACTUATORS

Pneumatic:

O series scotch yoke

- spring return
- direct acting
- 60 or 80 psi

Electric:

V4 series

- NEMA 4 weatherproof
- 115vAC, 12vDC, or 24vDC
- wire leads through 1/2" NPT conduit port

R4 series

- NEMA 4 weatherproof
- 115vAC, 12vDC, or 24vDC
- 1/2" NPT conduit port

S4 series multi-voltage

- NEMA 4 weatherproof
- low voltage (12-24vAC/DC) or high voltage (85-240vAC/DC)
- DIN connectors

B7 series

- Explosion proof
- 115vAC
- 1/2" NPT conduit port



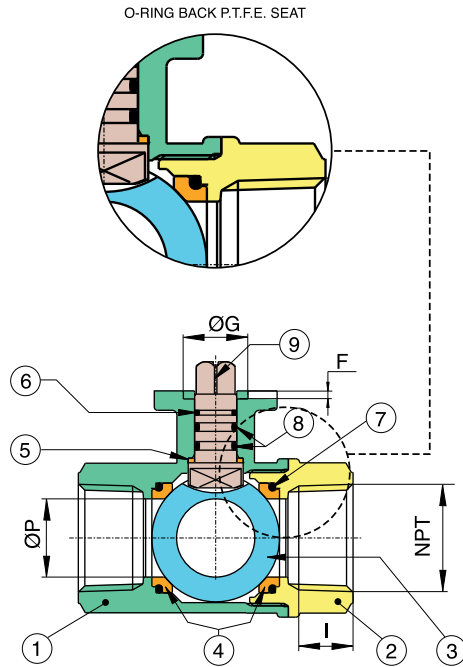
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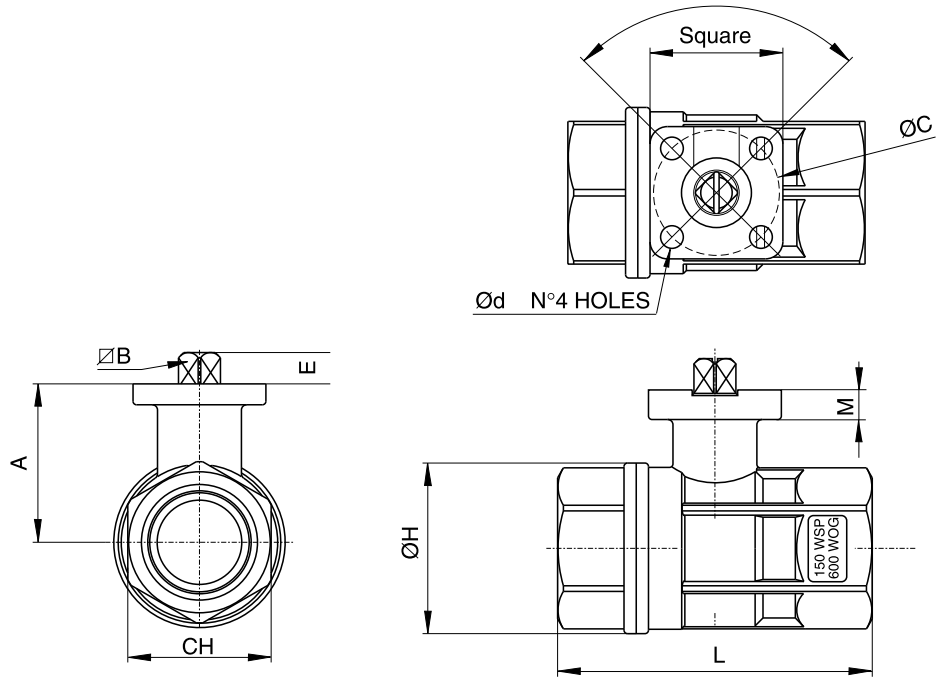
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Direct Mount Automated Lead Free Brass 2-way Ball Valves (Threaded NPT Connections)

PARTS



DIMENSIONS



N POS	PART NAME	MATERIAL	N PCS
1	BODY	LOW LEAD BRASS *	1
2	END CONNECTION	LOW LEAD BRASS *	1
3	BALL	LOW LEAD BRASS * TEA COATED	1
4	BALL SEAT	P.T.F.E	2
5	THRUST WASHER	P.T.F.E	1
6	STEM SEAL	P.T.F.E	1
7	O-RING	FKM (Viton®)	2
8	O-RING	FKM (Viton®)	2
9	STEM	LOW LEAD BRASS *	1

SIZE	Square	A	B	ØC	Ød	E	F	ØG	ØH	I	L	CH	M	ØP	CV	psi	Lbs	in-Lbs
3/4"	1.49	1.36	0.35	1.42 (ISO F03)	0.24	0.35	0.08	0.98	1.57	0.55	3.00	1.26	0.22	0.75	29.50	600	0.91	53.00
1"	1.49	1.79	0.35	1.42 (ISO F03)	0.24	0.35	0.12	0.98	1.93	0.66	3.35	1.61	0.24	0.95	43.00	600	1.55	53.00

* lead free refers to the wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average lead content= 0.25%.

Source: California health & Safety code (116875). Vermont Act 193