

78-257 THRU 78-267 SERIES

Brass And Bronze Instrumentation Ball Valve

Male x Female NPT Thread. 400 CWP (psig), Cold Non-Shock.
Air & Liquid Service Rating.



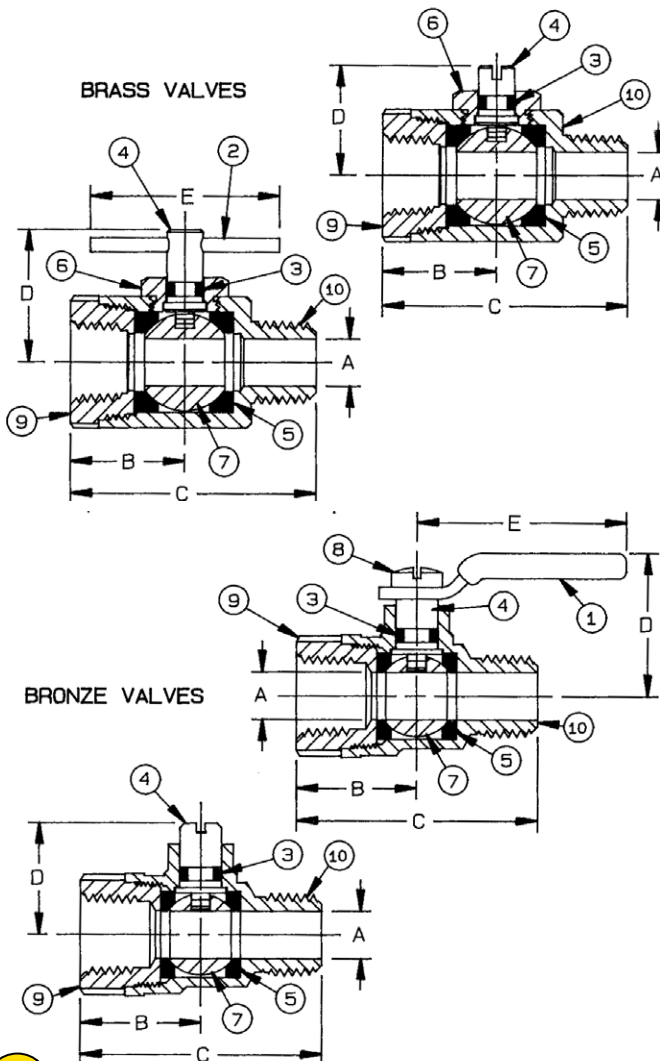
FEATURES

- Micro-finish ball
- Nitrile stem seal
- Optional mixed end fittings available
- Blow-out-proof stem design
- Plated steel tee handle
- PTFE seats
- Compact design

STANDARD MATERIAL LIST

	PART	MATERIAL
1	Lever and grip	Steel, zinc plated w/vinyl
2	Drive pin	Steel, zinc plated
3	O-Ring	Nitrile
4	Stem	B16
5	Seat (2)	PTFE
6	Stem boss	B16
7	Ball*	B16
8	Stem screw	Steel, zinc plated
9	Retainer	B16
10	Body	B16 or B584-C84400

* Chrome Plated Ball In Bronze Valves.



TEE HANDLE NUMBER	SIZE	A	B	C	D	E	Cv*	WT.
BRASS INSTRUMENTATION BALL VALVE								
78-260-05	1/8" M x 1/8" F	0.21	0.37	1.43	0.87	1.25	4.0	0.20
78-261-05	1/4" M x 1/4" F	0.31	0.43	1.43	0.87	1.25	5.5	0.19

SCREW SLOT NUMBER	SIZE	A	B	C	D	E	Cv*	WT.
BRASS INSTRUMENTATION BALL VALVE								
78-262-05	1/8" M X 1/8" F	0.21	0.37	1.43	0.75	N/A	4.0	0.20
78-263-05	1/4" M X 1/4" F	0.31	0.43	1.43	0.75	N/A	5.5	0.19

*The Cv factor is the gallons of water per minute that the valve will pass with a 1 psig pressure drop.

SCREW SLOT NUMBER	SIZE	A	B	C	D	E	Cv*	WT.
BRONZE INSTRUMENTATION BALL VALVE								
78-257-01	1/8" M x 1/4" F	0.21	0.80	1.60	0.72	N/A	4.0	0.19
78-258-01	1/4" M x 1/4" F	0.31	0.80	1.60	0.72	N/A	5.5	0.19

LEVER HANDLE NUMBER	SIZE	A	B	C	D	E	Cv*	WT.
BRONZE INSTRUMENTATION BALL VALVE								
78-267-01	1/4" M X 1/4" F	0.25	0.65	1.45	0.93	1.37	5.5	0.20

*The Cv factor is the gallons of water per minute that the valve will pass with a 1 psig pressure drop.

FOR PRESSURE/TEMPERATURE RATINGS, REFER TO PAGE M-10, GRAPH NO. 3