



78-257/267 Series

Brass And Bronze Instrumentation Ball Valve

Male x Female Threaded. 400 psig WOG, Cold Non-Shock. Air & Liquid Service Rating.

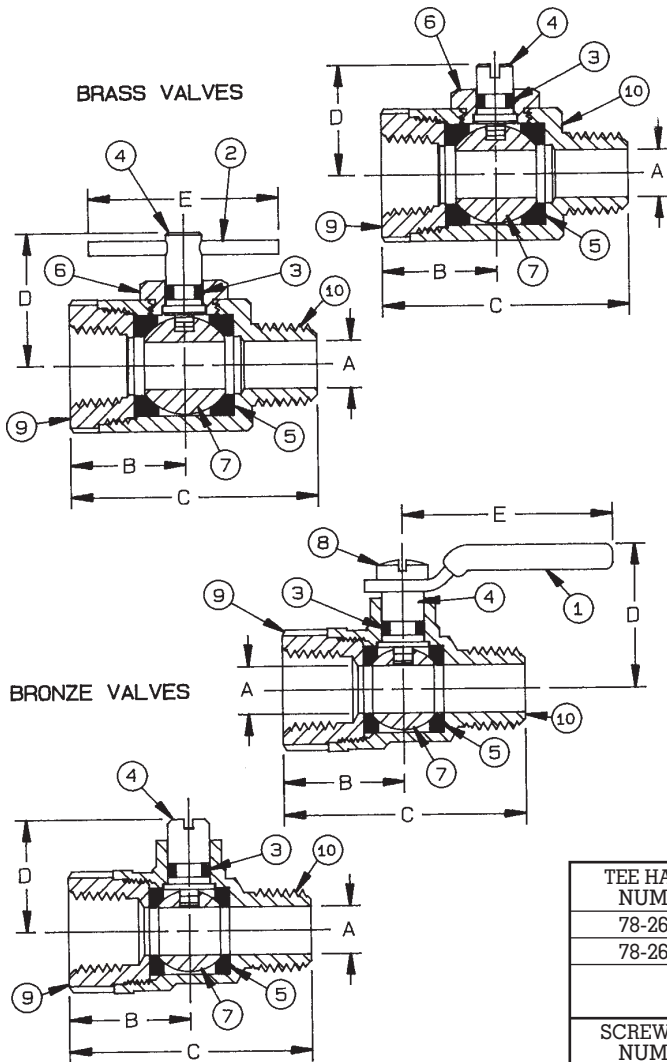
FEATURES

- 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

- | | |
|-------------------|----------------------------|
| 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.



**For Pressure/Temperature Ratings,
Refer to Page M-8, Graph No. 3**

BRASS INSTRUMENTATION BALL VALVE

TEE HANDLE NUMBER	SIZE	A	B	C	D	E	Cv*	Wt.
78-260-05	1/8" M x 1/8" F	.21	.37	1.43	.87	1.25	4.0	.20
78-261-05	1/4" M x 1/4" F	.31	.43	1.43	.87	1.25	5.5	.19

BRASS INSTRUMENTATION BALL VALVE

SCREW SLOT NUMBER	SIZE	A	B	C	D	E	Cv*	Wt.
78-262-05	1/8" M X 1/8" F	.21	.37	1.43	.75	N/A	4.0	.20
78-263-05	1/4" M X 1/4" F	.31	.43	1.43	.75	N/A	5.5	.19

BRONZE INSTRUMENTATION BALL VALVE

SCREW SLOT NUMBER	SIZE	A	B	C	D	E	Cv*	Wt.
78-257-01	1/8" M x 1/4" F	.21	.80	1.60	.72	N/A	4.0	.19
78-258-01	1/4" M x 1/4" F	.31	.80	1.60	.72	N/A	5.5	.19

BRONZE INSTRUMENTATION BALL VALVE

LEVER HANDLE NUMBER	SIZE	A	B	C	D	E	Cv*	Wt.
78-267-01	1/4" M X 1/4" F	.25	.65	1.45	.93	1.37	5.5	.20

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