

Diaphragm Type Globe Valves

2500 Series

Application

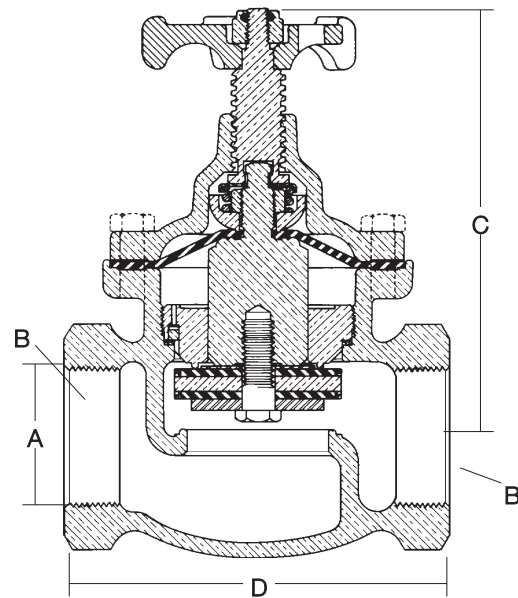
The 2500 series valves are designed for use in hospital and industrial piping systems where gases are supplied from a central source to branch outlets throughout the system.

Features

- UL listed for use with air, argon, acetylene, helium, hydrogen, LP-Gas, nitrogen, inert gases and oxygen service.
- Leakage is prevented by a dependable diaphragm stem seal.
- A resilient seat disc provides positive shut-off.
- Heavy duty ACME stem threads assure easy operation and long working life.
- Unique back seat design allows the diaphragm assembly to be repaired while the valve remains in service.
- Maximum working pressure is 400 PSIG.
- Working temperature range is -40°F to +165°F.

Materials

BodyCast Bronze, Tin Plated
 BonnetBrass
 StemManganese Bronze
 Seat DiscNeoprene
 DiaphragmNeoprene



Ordering Information

Part Number	Inlet / Outlet Thread (Female NPT) A	Port Diameter B	Height C	Length D	Cv Factor
2505AC	3/4"	15/16"	5 1/4"	4"	9.0
2507AC	1"	1 1/8"	5 5/8"	4 3/8"	15.0
2511AC	1 1/2"	1 11/16"	6 3/4"	5 3/8"	33.4
2513AC	2"	2 1/16"	7 1/4"	6 1/4"	51.7

Diaphragm Type Globe Valves

2550 Series

Application

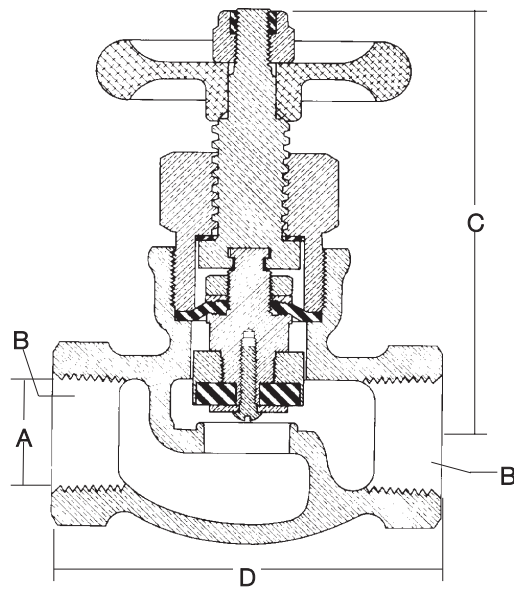
The 2550 series valves are designed for use in hospital and industrial piping systems where gases are supplied from a central source to branch outlets throughout the system.

Features

- UL listed for use with air, acetylene, hydrogen, LP-Gas, nitrogen, and oxygen service.
- Leakage is prevented by a dependable diaphragm stem seal.
- A resilient seat disc provides positive shut-off.
- Heavy duty ACME stem threads assure easy operation and long working life.
- Maximum working pressure is 250 PSIG.
- Working temperature range is -40°F to +165°F.

Materials

Body (2553 series)Forged Brass
 (2554 series).....Cast Bronze, Tin Plated
 HandwheelAluminum
 Seat DiscFilled Teflon
 Diaphragm.....Neoprene
 Bonnet.....Brass
 Stem.....Manganese Bronze



Ordering Information

Part Number	Inlet / Outlet Thread (Female NPT) A	Port Diameter B	Height C	Length D	Cv Factor
2553AC	1/4"	13/32"	3 5/8"	2 1/2"	1.4
2553AAC	3/8"				1.5
2554AC	1/2"	1 1/16"		3 3/8"	4.3
2554AAC	3/4"				4.3