

PRESSURES UP TO **15,000 PSI** (1035 BAR)
TRUNNION STYLE VALVE

DBB BALL VALVE SERIES

Double Block and Bleed Valves

BALL/NEEDLE/BALL

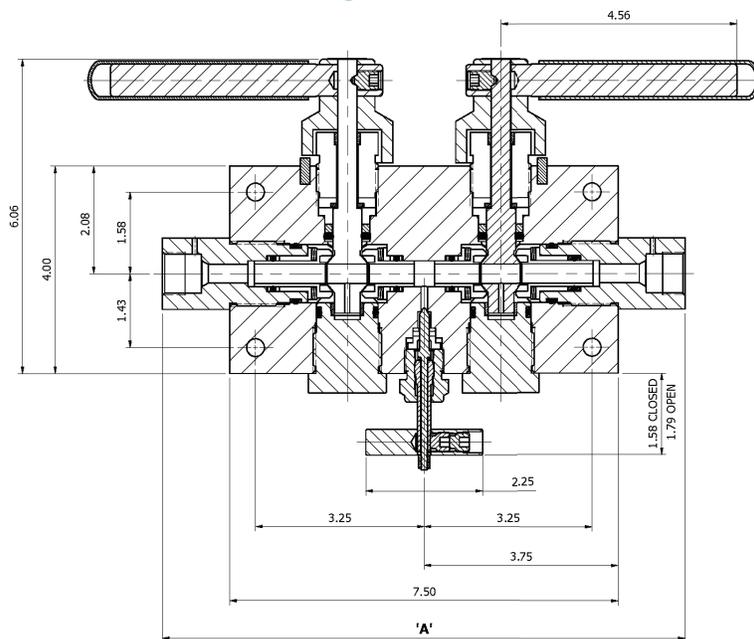
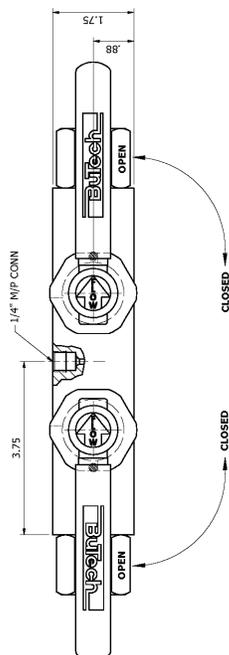
BuTech's Double Block and Bleed ball valve combines two isolating ball valves and a central needle bleed valve into one compact manifold. Ideal for process instrumentation control panels for isolation, pressure and flow control. This valve offers a full port, each ball valve is quarter turn with built in stops, and is rated up to 15,000 PSI.

In addition to our standard valves, BuTech can develop custom solutions.

Features

- Trunnion style single piece stem and ball
- PEEK seats
- Viton O-rings (0°F to 400°F)
Standard with optional O-rings available
- Quarter turn open/close
- Variety of end connections available
- Vee Stem vent port
- .375" Port thru the Trunnions
- 316 cold worked stainless steel construction

Schematic Drawings





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FOR OVERALL DIMENSION (A) ADD THE LENGTH FROM BELOW TABLE FOR EACH SIDE.					
CONNECTIONS	SUFFIX	HEX	LENGTH	MIN. PORT	MAWP
3/8" M/P	-17	1.38"	1.04"	.203"	15,000 PSI (1030 Bar)
9/16" M/P	-18	1.38"	1.29"	.312"	15,000 PSI (1030 Bar)
3/4" M/P	-32	1.38"	1.38"	.375"	15,000 PSI (1030 Bar)
3/8" FNPT	-21	1.38"	1.04"	.375"	15,000 PSI (1030 Bar)
1/2" FNPT	-22	1.38"	1.16"	.375"	15,000 PSI (1030 Bar)
3/4" FNPT	-41	1.38"	1.21"	.375"	10,000 PSI (690 Bar)

TYPICAL CATALOG NUMBER: CAT# DBB1564M-18-18						
DBB	15	6	4M	-18	-18	
Double Block & Bleed	15,000 PSI	.375" Port	1/4" M/P Bleed Port	9/16" M/P Connection	9/16" M/P Connection	
OPTIONAL O-RING: TYPICAL CATALOG NUMBER: CAT# DBB1564M-BN-18-18						
DBB	15	6	4M	-BN	-18	-18
Double Block & Bleed	15,000 PSI	.375" Port	1/4" M/P Bleed Port	Buna O-Rings	9/16" M/P Connection	9/16" M/P Connection

OPTIONAL O-RINGS	
-BN	Buna N
-EP	EPR O-Ring
-HT	High Temperature up to 500° F

BUTECH BALL VALVES ARE CAPABLE OF BI-DIRECTIONAL FLOW

CAUTION: The maximum allowable working pressure (MAWP) of the valve shall not exceed the MAWP of the valve series of the selected connection, whichever is less.