



### Features:

- 3 piece design for ease of maintenance
- Cleaned for medical gas service
- Blow-out proof stem
- Available in sizes 1/2" to 3"
- Full-Port design
- Available in locking only

### General Specifications:

All section shut-off and main line ball valves shall be an Amico Alert-1 Series.

The Valve shall be 3 piece ball-type design with a bronze body and chrome plated brass ball for sizes 1/2" to 2-1/2", for size 3" and 4" the ball is stainless steel. Seats shall be Teflon (TFE) and seals Viton for 1/2" - 2-1/2" and Teflon (TFE) for 3" and 4" valves. A blow-out proof stem shall be used and the valve shall have a maximum pressure rating of 600 psi [4,137 kPa].

Valves shall be operated by a lever-type handle requiring only a quarter turn from a fully open position to a fully closed position.

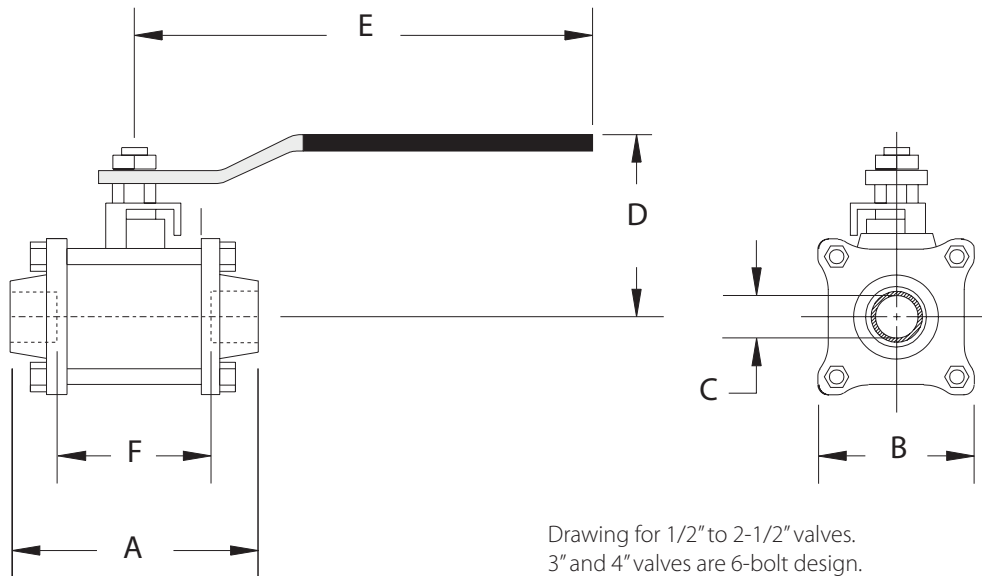
Valves shall be designed in such a manner that it can be "swung-out" during installation so as to prevent damage due to heat transfer during the brazing operation.

Each valve assembly shall be washed and degreased for medical gas service. The valve shall be supplied in a sealed plastic bag to prevent contamination prior to installation.

Amico products comply with NFPA-99, CSA Z7396.1-06 and CSA Z305.1.

# Technical Specifications

Inch  
[mm]



Drawing for 1/2" to 2-1/2" valves.  
3" and 4" valves are 6-bolt design.

## Model Numbers

Model #	Size	A	B	C	D	E	Bolts
V-X-VLV-NIB-05	1/2 (13)	2-1/16 (52)	1-13/16 (46)	1/2 (13)	2-1/32 (52)	3-29/32 (99)	4
V-X-VLV-NIB-07	3/4 (19)	2-15/16 (75)	1-15/16 (49)	3/4 (19)	2-9/32 (58)	4-21/32 (118)	4
V-X-VLV-NIB-10	1 (25)	3-21/32 (93)	2-1/2 (64)	1 (25)	2-1/2 (64)	4-21/32 (118)	4
V-X-VLV-NIB-12	1-1/4 (32)	3-29/32 (99)	2-11/16 (68)	1-1/4 (32)	3-1/8 (79)	6-11/16 (170)	4
V-X-VLV-NIB-15	1-1/2 (38)	4-15/32 (117)	3 (76)	1-1/2 (38)	3-11/32 (85)	6-11/16 (170)	4
V-X-VLV-NIB-20	2 (51)	5-25/32 (147)	4 (102)	2 (51)	3-11/16 (94)	6-11/16 (170)	4
V-X-VLV-NIB-25	2-1/2 (64)	6-15/16 (176)	5 (127)	2-1/2 (64)	4-11/16 (119)	8 (203)	4
V-X-VLV-NIB-30 3" Reduced Port	3 (76)	7-1/2 (191)	4-1/8 (105)	3 (76)	4-3/8 (111)	8 (203)	4