

PRODUCT DATA SHEET



Medical Gas Valves

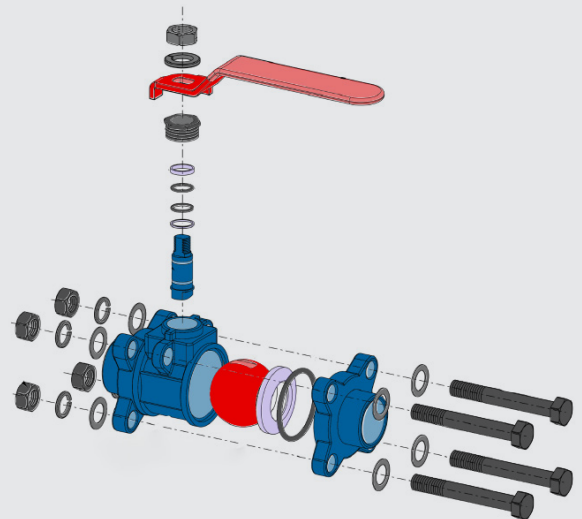
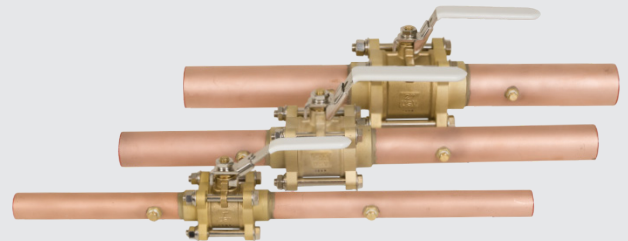
Our valve is a full port, double seal, ball-type three piece design with forged brass body and chrome-plated brass ball. Only 1/4 turn of the handle is required to operate the valve from open to closed position. All valves are serviceable in the line and supplied clean and prepared for oxygen service as per CGA G-4.1. Valves are capped and packaged in a polyethylene bag to keep them clean.

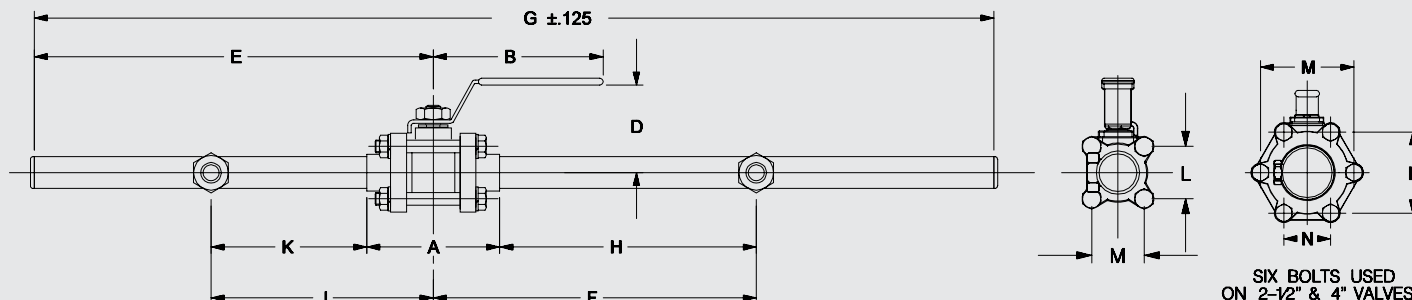
Valve Design:

Valves are designed for working pressures up to 600 psig. The body has Teflon® material ball seats and Teflon® material stem seals. Seats/seals, lubricants and valve materials are compatible with USP oxygen, nitrous oxide, medical air, carbon dioxide, helium, nitrogen and mixtures thereof at continuous pressure of up to 600 psig and vacuum service to 29" Hg. Valves are provided with type- K copper tube extensions for connections on the pipeline.

Features:

- Dual Gauge Port Design
- Blow out proof valve stem
- 3 Piece design for ease of maintenance
- Teflon® seats and seals
- 100% pneumatically tested
- Full port design
- Valve locking handle standard





NOTE:
 ① BRAZING MATERIAL ALLOY Bag34
 ② ALL DIMENSIONS ARE FOR REFERENCE

Valve Size	A	B	D	E	F	G	H	J	K	L	M	N
1/2"	2.62	3.35	1.69	7.87	6.37	21.00	5.06	2.38	1.07	1.29	1.29	-
3/4"	2.93	4.33	1.89	8.25	6.06	21.00	4.60	2.69	1.23	1.43	1.43	-
1"	3.44	4.33	2.05	8.58	5.87	21.00	4.15	2.88	1.16	1.62	1.62	-
1-1/4"	3.96	5.12	2.56	8.75	5.50	21.00	3.52	3.25	1.27	2.00	2.00	-
1-1/2"	4.43	5.12	2.72	8.87	5.37	21.00	3.16	3.38	1.17	2.25	2.25	-
2"	5.55	6.30	3.15	10.87	5.00	21.00	2.23	3.75	.98	2.80	2.80	-
2-1/2"	6.73	9.06	4.29	16.00	4.25	32.00	0.89	4.25	.89	4.33	5.00	2.50
3"	7.56	9.06	4.61	16.00	4.50	32.00	0.72	4.50	.72	4.75	5.50	2.75
4"	9.80	11.73	7.90	16.00	7.90	32.00	3.00	7.90	3.00	6.38	7.45	3.73

Valve Size	
(Combined w/ Gas Type)	
A:	1/2" Valve
B:	3/4" Valve
C:	1" Valve
D:	1-1/4" Valve
E:	1-1/2" Valve
F:	2" Valve
G:	3" Valve
H:	4" Valve

Type of Gas	
(Combo & Area Alarm Only)	
1:	Oxygen (O2)
2:	Medical Air
3:	Medical Vacuum
4:	Carbon Dioxide (CO2)
5:	Nitrogen (N2)
6:	Nitrous Oxide (N2O)
7:	WAGD (NFPA)
8:	AGSS (ISO)

Color Code	
N:	NFPA Standard
I:	ISO Standard

Language	
E:	English
S:	Spanish
F:	French

SKU: NOPLV-A-1-N-E

NOVAIR, pipeline equipment Zone Valve, 1/2 inch size, Oxygen, English, NFPA color code