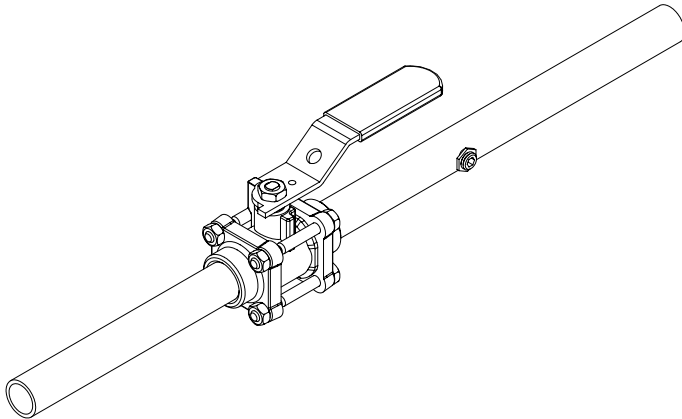


Ball Valve Assembly



* Unit shown: BVA2002 3/4"

Item number definition

BVA200X

"X"=Ball valve size (refers to by numbers from 1 to 9)

1=1/2"

2=3/4"

3=1"

4=1 1/4"

5=1 1/2"

6=2"

7=2 1/2"

8=3"

9=4"

Available Sizes:

1/2" to 4"

Features

- 3 pieces design for ease of maintenance
- TFE Seats and Buna seals
- 100% hydrostatic tested
- Cleaned for medical gas service
- 2 brazed extensions with gauge port on downstream extension
- Also available painted and with locking handle

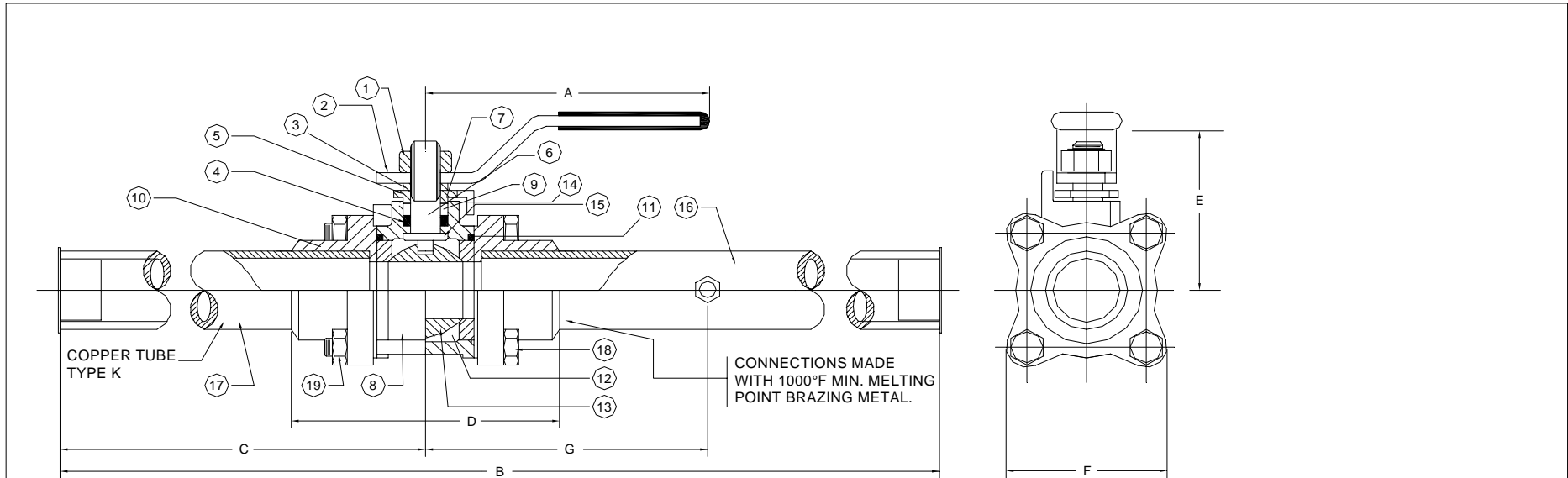
Specifications

Shut-off valves shall be full port, double seal, ball-type three piece design with bronze/brass body and chrome plated brass ball. Valves shall be designed for working pressures up to 600 psi, W.O.G. valve body shall have Teflon™ material seat seals, valve stem seals to be Buna N™ or Teflon™ material. Seals, lubricants and valve material shall be compatible with USP Oxygen, Medical Air, Nitrous Oxide, Carbon Dioxide, Helium, Nitrogen, Vacuum and mixtures thereof at continuous pressures up to 300 psi. Only ¼ turn of the handle shall be required to operate the valve from "Open" to "Closed" position. Valves shall be provided with type "K" copper tube extension for making connections to the hospital pipeline. All valves shall be serviceable in the line and supplied clean and capped for oxygen service. Each valve shall be supplied in a sealed plastic bag to prevent contamination prior installation. All components and assembly shall comply with CSA Z305.1 and CRN: OH-1788.6 (B.N.Q. 5710.500).

Site Installation

All valves shall be installed in accordance with Medical Design's installation instructions. Each contractor has the responsibility to insure that every valve is subject to a final site inspection in compliance with all National, State and Local Codes.

EEME SERIES - BALL VALVE ASSEMBLY WITH TUBE EXTENSION



BRONZE 3 PIECES FULL PORT SERIES

VALVE LOCKING HANDLE AVAILABLE

ORDER SEPARATELY

MODEL NUMBERS AND DIMENSIONS

MODEL No	DIAM.	A	B	C	D	E	F	G
BVA-2001	1/2"	3.90	21.00	8.00	2.06	1.68	1.81	6.50
BVA-2002	3/4"	4.65	21.00	8.50	2.93	2.00	1.93	6.00
BVA-2003	1"	4.65	21.00	8.625	3.65	2.25	2.50	5.875
BVA-2004	1 1/4"	6.68	21.00	8.82	3.90	2.75	2.68	5.68
BVA-2005	1 1/2"	6.68	21.00	9.06	4.59	2.96	3.00	5.44
BVA-2006	2"	6.68	21.00	9.375	5.78	3.62	4.00	5.125
BVA-2007	2 1/2"	8.00	32.00	15.625	6.93	4.09	5.00	4.375
BVA-2008	3"	8.00	32.00	14.50	7.44	4.09	5.00	5.50

PARTS LIST

19	4	NUT	STEEL ZINC PLATE
18	4	BOLT	STEEL ASTM A449 (CR5) ZINC PLATE
17	1	TUBE ASM.	END CAP ASTM B62 BRONZE TUBE COPPER
16	1	TUBE ASM.	END CAP ASTM B62 BRZ TUBE COPPER COL BRASS
15	1	THRUST WASHER	REINFORCED TFE
14	1	GROUND DEVICE	STAINLESS STEEL, 316 SS
13	1	BALL	CAST BRONZE ASTM B-584 ALLOY 844
12	2	SEAT RING	TFE
11	2	O-RING SEAL	BUNA (VITON)
10	1	BODY ENDS	CAST BRONZE ASTM B-584 ALLOY 844
9	1	PACKING	REINFORCED TFE
8	1	BODY	BRONZE ASTM B-584 ALLOY 844
7	1	PACK GLAND	BRASS ASTM B-16
6	1	STEM	SILICON BRONZE ASTM B-371 ALLOY 694
5	1	TRAVEL STOP	ZINC PLATED STEEL
4	1	BELLEVILLE WASHER	ZINC PLATED STEEL
3	1	PACKING NUT	ZINC PLATED STEEL
2	1	HANDLE	ZINC PLATED STEEL. PLASTISOL COATED
1	1	HANDLE NUT	ZINC PLATED STEEL
P/N	QTY	NAME	MATERIAL