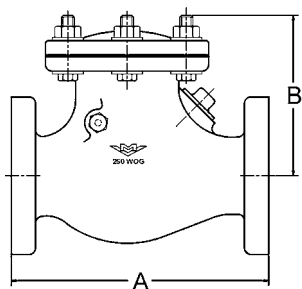


MILWAUKEE VALVE CO

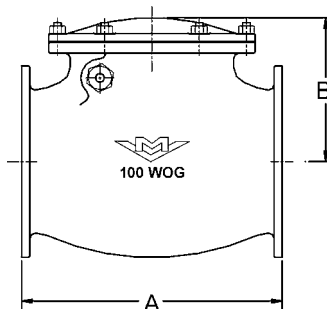
NAVY BRONZE SWING CHECK - FLANGED ENDS

1260-004**250 psi WOG**

NI-CU Disc & Seat

MIL-V-17547, Type A,
Class 2

Size	A	B
2-1/2	10	5-5/8
3	10-3/4	6-9/32
4	12-1/4	7-5/32
5	13-3/4	8-21/32
6	15-1/4	9-7/16
8	18-1/2	11-11/16
10	21-3/4	13-19/32
12	25-1/4	15-25/32

**1281-001****100 psi WOG**

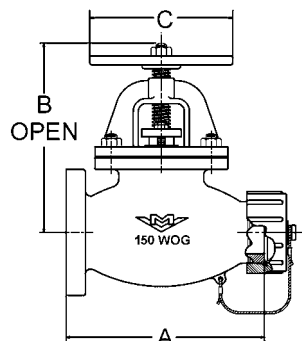
Bronze Disc - Bolted Cap

MIL-V-17547, Type A, Class 1

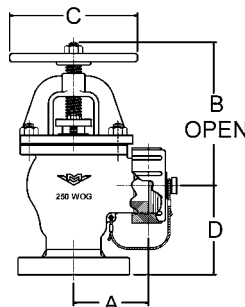
DIMENSIONS - INCHES

SIZE	A	B
2	7-5/16	4-1/4
2-1/2	8-5/16	4-1/4
3	9	5-1/2
3-1/2	9	5-15/16
4	11-3/4	6-9/16
5	13-1/2	7-13/16
6	15-1/2	8-7/8
8	19-1/2	11-1/16
10	22	12

HOSE END GLOBE/ANGLE - COMMERCIAL/NAVY FLANGED

1471 / 1474**Hose Globe Valve**Bolted Bonnet, Gland Packed
Renewable Composition Disc

Size (in)	A	B	C
1471 SERIES - COMMERCIAL 150 WOG			
1-1/2	6-7/8	7-3/4	6
2-1/2	9-5/16	10-1/8	7
1474 SERIES - NAVY 250 WOG			
1-1/2	8-3/16	8-1/16	5
2-1/2	9-5/8	10-1/8	7

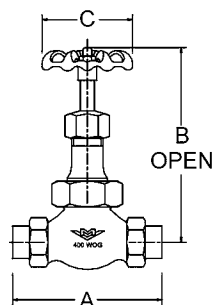
**1481 / 1484****Hose Angle Valve**Renewable Disc
(Specify EPR or Nitrile)

2-1/2" Bolted Bonnet

1-1/2" Union Bonnet

Size (in)	A	B	C	D
1481 SERIES - COMMERCIAL 150 WOG				
1-1/2	3-1/4	7-5/16	6	3-7/16
2-1/2	4-1/8	9-1/4	7	4-3/16
1484 SERIES - NAVY 250 WOG				
1-1/2	2-5/8	7-1/4	5	3-3/4
2-1/2	4-1/8	8-3/4	7	4-7/8

MARINE BRONZE GLOBE - UNION ENDS

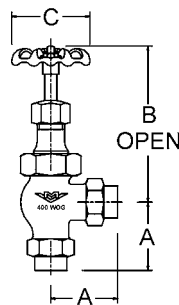
161 SERIES**200 psi SWP @ 425°F****400 psi WOG @ 150°F**Union Bonnet, Gland Packed
Renewable Disc & Seat Ring
Specify E.P.R. or Nitrile "O" Ring

Optional Models:

Soft Seat 161B
Stop Check 162A
Needle 165A

DIMENSIONS - INCHES			
SIZE	A	B	C
1/4	4	4-3/8	2
3/8	4-3/8	4-11/32	2-1/2
1/2	5-1/8	5-3/16	2-3/4
3/4	5-3/4	6-1/16	3
1	6-3/8	6-7/8	3-1/2
1-1/4	7-3/8	7-11/16	4
1-1/2	8-1/4	8-3/8	4-3/4
2	9-5/8	10-7/16	5-1/4

MARINE BRONZE ANGLE - UNION ENDS

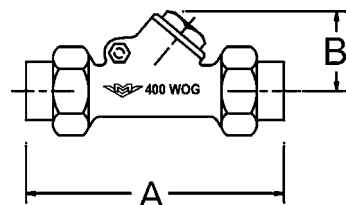
163 SERIES**200 psi SWP @ 425°F****400 psi WOG @ 150°F**Union Bonnet, Gland Packed
Renewable Disc and Seat Ring
Specify E.P.R. or Nitrile "O" Ring

Optional Models:

Soft Seat 163B
Stop Check 164A
Needle 168A

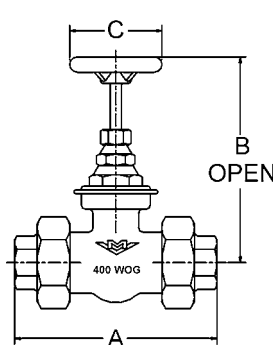
DIMENSIONS - INCHES			
SIZE	A	B	C
1/4	2	4-3/8	2
3/8	2-1/4	4-11/32	2-1/2
1/2	2-7/16	5-3/16	2-3/4
3/4	2-7/8	6-1/16	3
1	3-1/4	6-7/8	3-1/2
1-1/4	3-3/4	7-11/16	4
1-1/2	4-1/16	8-3/8	4-3/4
2	4-11/16	10-7/16	5-1/4

MARINE BRONZE SWING CHECK - UNION ENDS

**5399 SERIES****400 psi WOG @ 150°F**Regrinding NI-CU Disc
Threaded Cap
Specify E.P.R. or Nitrile "O" Ring

DIMENSIONS - INCHES		
SIZE	A	B
1/4	4-7/16	1-9/16
3/8	5-1/8	1-3/4
1/2	5-3/4	1-3/4
3/4	6-9/16	2
1	7-1/4	2-7/16
1-1/4	8-5/16	2-7/8
1-1/2	9-1/8	3-1/4
2	10-13/32	3-15/16

MARINE BRONZE GATE - UNION ENDS

**1146 SERIES****400 psi WOG @ 150°F**Non-rising Stem, Solid Wedge
Threaded Bonnet, Gland Packed
Specify E.P.R. or Nitrile "O" Ring**DIMENSIONS - INCHES**

SIZE	A	B	C
1/4	3-5/8	3-15/16	2-1/8
3/8	4-1/4	3-15/16	2-1/8
1/2	4-7/8	4-3/8	2-3/4
3/4	5-1/2	4-3/4	2-3/4
1	6-1/16	5-1/8	3
1-1/4	7-1/16	6-1/16	3-3/4
1-1/2	7-5/8	6-3/4	4
2	8-3/4	8	5

**MILWAUKEE VALVE**