

Steamco Valves

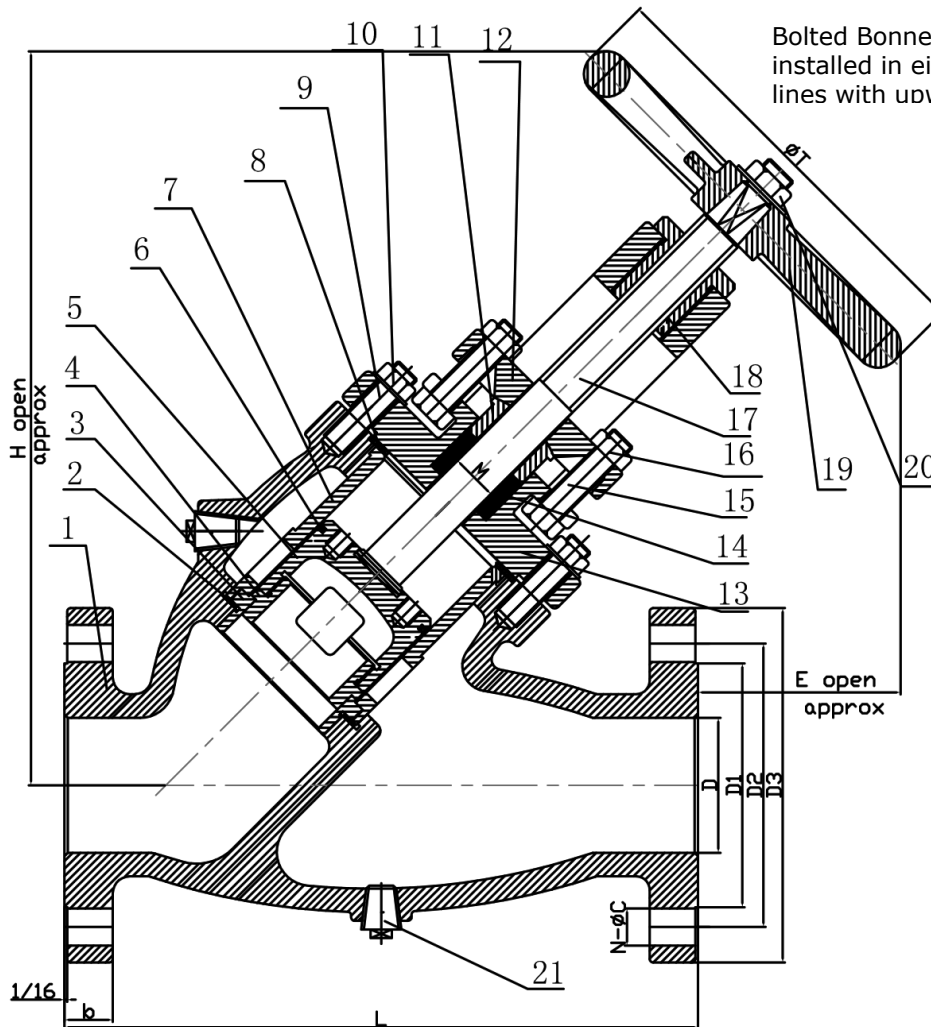
APPLICABLE STANDARDS

BASIC DESIGN: ASME B16.34

FLANGE DIMENSIONS: ASME B16.1

TEST AND INSPECTION API 598

Bolted Bonnet Y Globe valves may be installed in either horizontal or vertical lines with upward flow.



| SIZE | D | D1 | D2 | D3 | L | b | N-øc | M | H (open) | E (open) | T |
|-------|-------|-------|-------|-------|-------|------|-------------|------|----------|----------|-------|
| 2-1/2 | 2.50 | 4.94 | 5.88 | 7.50 | 13.00 | 1.00 | 8 x Ø .875 | 1.12 | 15.75 | 5.00 | 10.00 |
| 3 | 3.00 | 5.69 | 6.63 | 8.25 | 14.75 | 1.13 | 8 x Ø .875 | 1.12 | 18.69 | 6.28 | 10.00 |
| 4 | 4.00 | 6.31 | 7.88 | 10.00 | 17.00 | 1.25 | 8 x Ø .875 | 1.25 | 21.47 | 7.61 | 10.80 |
| 5 | 5.00 | 8.31 | 9.25 | 11.00 | 19.00 | 1.38 | 8 x Ø .875 | 1.50 | 24.46 | 9.38 | 14.00 |
| 6 | 6.00 | 9.69 | 10.63 | 12.50 | 21.50 | 1.44 | 12 x Ø .875 | 1.50 | 28.82 | 11.26 | 17.75 |
| 8 | 8.00 | 11.94 | 13.00 | 15.00 | 26.00 | 1.63 | 12 x Ø 1.00 | 1.63 | 35.62 | 15.19 | 20.00 |
| 10 | 10.00 | 14.06 | 15.25 | 17.50 | 30.00 | 1.88 | 16 x Ø 1.12 | 1.75 | 38.10 | 14.00 | 20.00 |

| NO. | PART NAME | MATERIAL | STANDARD | NO. | PART NAME | MATERIAL | STANDARD |
|-----|------------------|-----------------|---------------|-----|----------------|-----------------|---------------|
| 1 | BODY | DUCTILE IRON | ASTM A-536 | 12 | GLAND FOLLOWER | DUCTILE IRON | ASTM A-536 |
| 2 | BODY SEAT GASKET | RUBBER GRAPHITE | | 13 | BONNET | DUCTILE IRON | ASTM A-536 |
| 3 | BODY SEAT RING | CAST BRONZE | ASTM B-62 | 14 | PACKING | GRAPHITE | NON-ASBESTOS |
| 4 | DISC SEAL | CAST BRONZE | ASTM B-62 | 15 | BOLTS | STEEL | ASTM A-193 B7 |
| 5 | DISC | DUCTILE IRON | ASTM A-536 | 16 | NUTS | STEEL | ASTM A-194 2H |
| 6 | PISTON RING | ALLOY CAST IRON | | 17 | STEM | STAINLESS STEEL | ASTM A-304 |
| 7 | DISC GUIDE | DUCTILE IRON | ASTM A-536 | 18 | STEM NUT | CAST BRONZE | ASTM B-62 |
| 8 | BODY GASKET | RUBBER GRAPHITE | | 19 | HAND WHEEL | CAST IRON | ASTM A-126 B |
| 9 | BOLTS | STEEL | ASTM A-193 B7 | 20 | NUT | STEEL | ASTM A-194 2H |
| 10 | NUTS | STEEL | ASTM A-194 2H | 21 | DRAIN PLUG | STAINLESS STEEL | ASTM A-304 |
| 11 | PACKING GLAND | CAST BRONZE | ASTM B-62 | | | | |

Steamco Fig. 250GNR

CLASS 250 DI FLGD GLOBE NON RETURN VALVE