

| Valve Size (Bore Dia.) | 4 | 6 | 8 | 10 | 12 |
|----------------------------|--------|--------|--------|--------|--------|
| A - Overall height, closed | 8-3/4 | 10-1/2 | 12-1/2 | 14 | 17 |
| A - Overall height, open | 11-1/2 | 16 | 19-1/4 | 22-3/4 | 28-1/2 |
| B - Width at Yoke | 10-1/4 | 12-5/8 | 15-1/8 | 17-3/8 | 19 |
| C - Valve opening | 2-1/4 | 5 | 7 | 8-1/4 | 11-1/2 |
| D - Flange thickness | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| Flange O.D. | 9 | 11 | 13-1/2 | 16 | 19 |
| Bolt Circle Diameter | 7.50 | 9.50 | 11.75 | 14.25 | 17.00 |
| Bolt Hole Dia. | 3/4 | 7/8 | 7/8 | 1 | 1 |
| Bolt / Stud Size | 5/8 | 3/4 | 3/4 | 7/8 | 7/8 |
| Bolts in full Pattern* | 8 | 8 | 8 | 12 | 12 |
| Stem Diameter | 1-1/4 | 1-1/4 | 1-1/2 | 1-1/2 | 1-1/2 |
| Turns to Open | 13-1/2 | 26-1/2 | 30-1/2 | 36-1/2 | 50-1/2 |
| Weight, pounds | 25 | 34 | 48 | 59 | 78 |

| 16** | 18** | 20** |
|--------|--------|--------|
| 23 | 18 | 18 |
| 38-1/4 | 27 | 28 |
| 25-3/4 | 27-3/4 | 27-1/2 |
| 15-1/8 | 9 | 10 |
| 3/4 | 3/4 | 3/4 |
| 23-1/2 | 25 | 27-1/2 |
| 21.25 | 22.75 | 25.00 |
| 1-1/8 | 1-1/4 | 1-1/4 |
| 1 | 1-1/8 | 1-1/8 |
| 16 | 16 | 20 |
| 1-1/2 | 1-3/4 | 1-3/4 |
| 75-1/2 | 45 | 50 |
| xx | xx | xx |

| Part | Description |
|------|----------------------|
| 1 | Base Flange (Body) |
| 2 | Yoke |
| 3 | Gate |
| 4 | Seat |
| 5 | Seat Retainer |
| 6 | Stem |
| 7 | Guide, Plain |
| 8 | Yoke Cylinder (18"+) |
| 9 | Gate Cap (18"+) |
| 10 | Spring Pin |
| 11 | 2" Square Nut |

* Standard 125 pound drilling template, with two holes covered by the Yoke.

Flange mounting gasket and fasteners are not included, and must be ordered separately.

All items, except for the Seal and the sealing washers are Type 316 Stainless Steel.

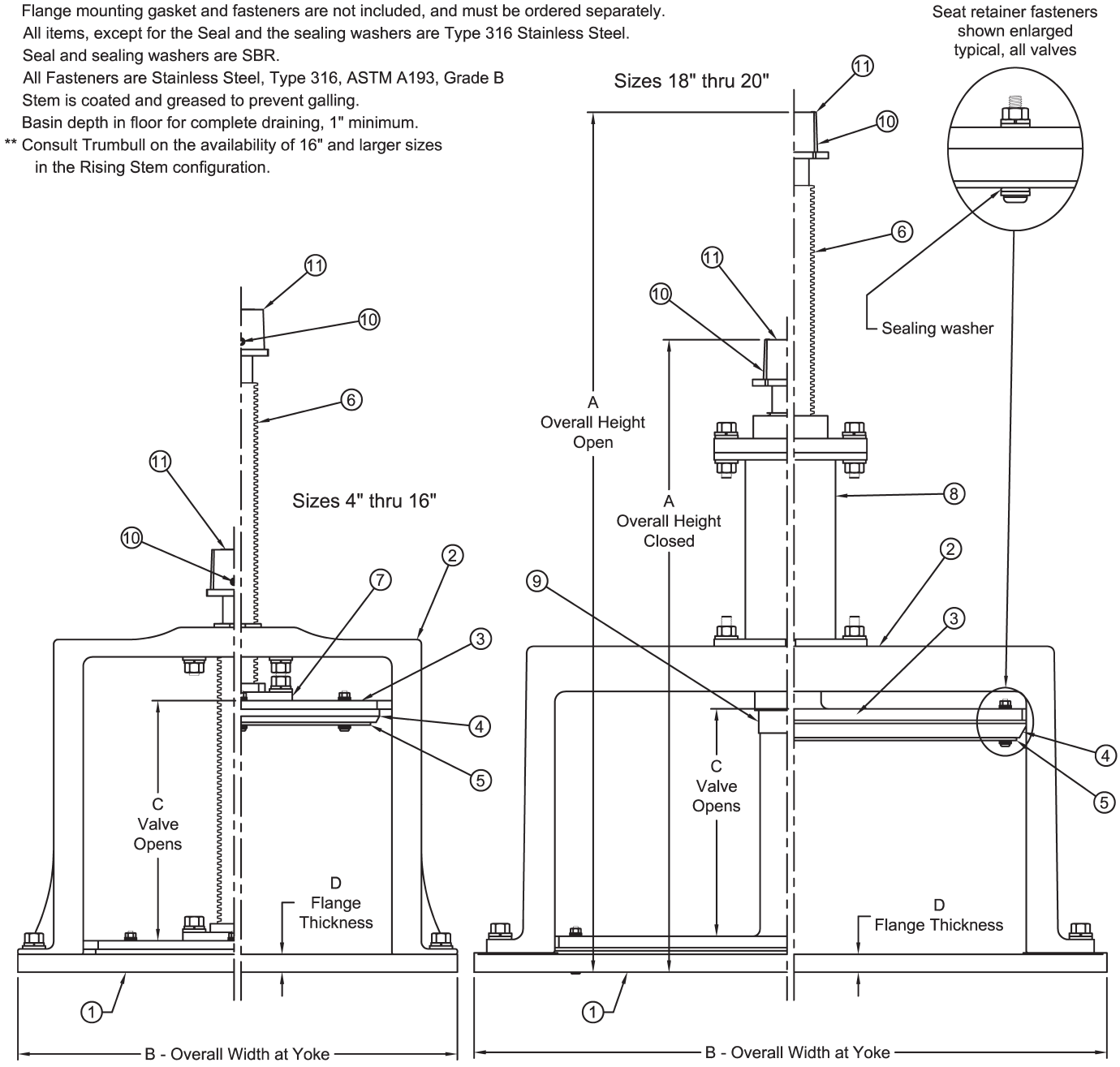
Seal and sealing washers are SBR.

All Fasteners are Stainless Steel, Type 316, ASTM A193, Grade B

Stem is coated and greased to prevent galling.

Basin depth in floor for complete draining, 1" minimum.

** Consult Trumbull on the availability of 16" and larger sizes in the Rising Stem configuration.



| | | | |
|-----------------|---------------------------|---|---|
| Drawn: | Drawing Revision: | TRUMBULL INDUSTRIES P.O. Box 1556 1040 N. Meridian Rd. Youngstown, Ohio 44501 | Drawn to Scale |
| Date 7/24/07 | Rev. Date C 02/18/2013 | | MUD VALVES - T316SS RISING STEM TYPE |