

Trans-Flo  
Series

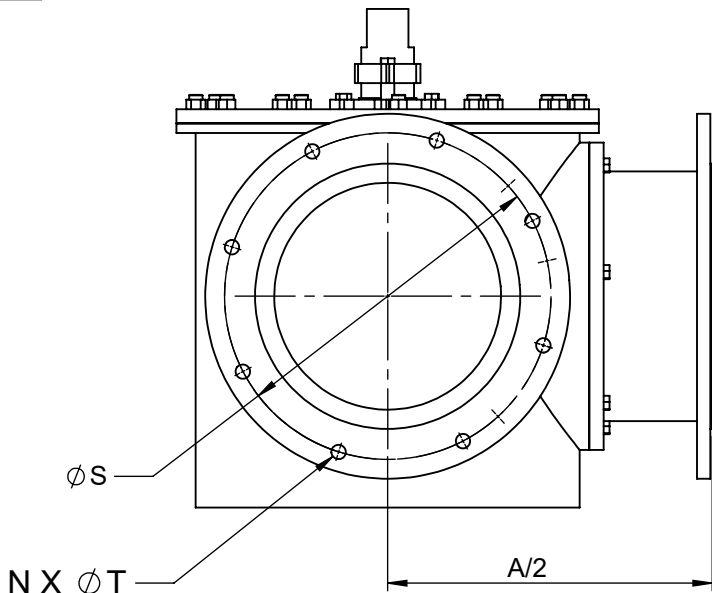
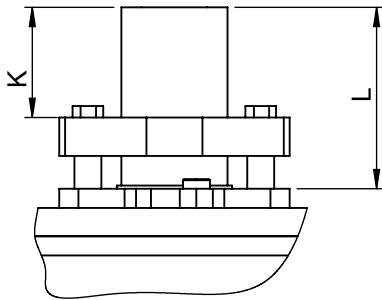
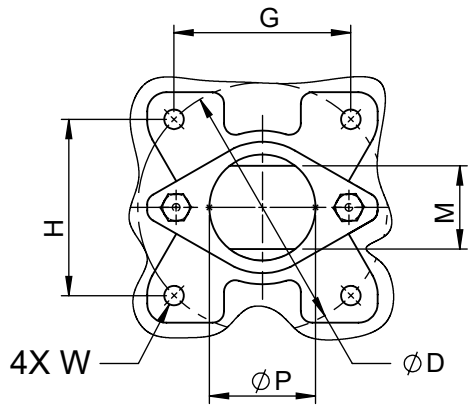
ANSI 150 316SS

TFM  
Seat

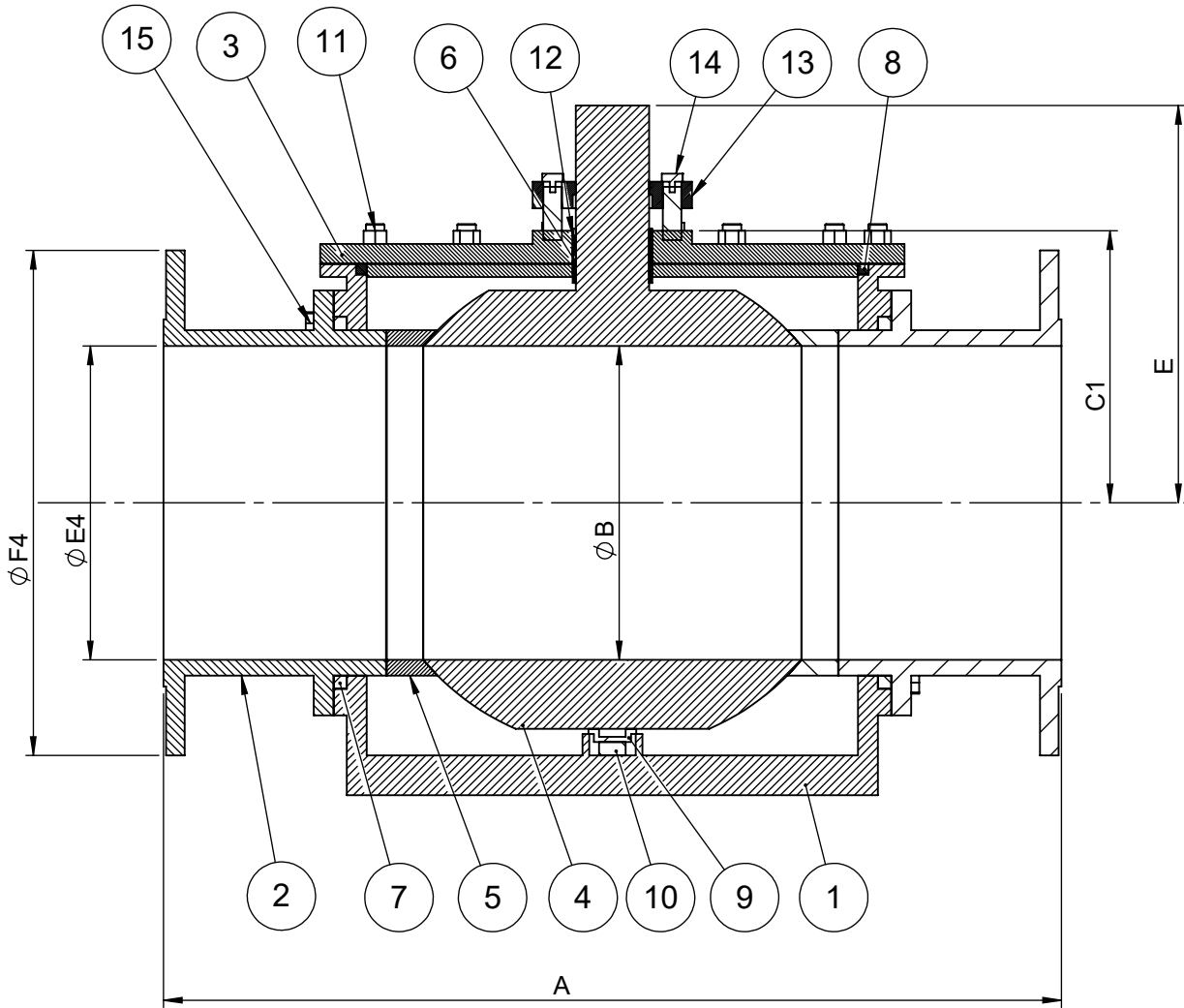
FULL  
PORT

Size 6" - 12"

Actuator ISO Mounting Flange (F16)



| SIZE | A     | B     | C1    | E     | E4    | F4   | N  | S     | T    | D    | G    | H    | K    | L    | M     | P    | W         | ISO |
|------|-------|-------|-------|-------|-------|------|----|-------|------|------|------|------|------|------|-------|------|-----------|-----|
| 6"   | 17.56 | 5.91  | 7.14  | 10.37 | 5.91  | 11.0 | 8  | 9.50  | 0.87 | 4.92 | 3,50 | 3,50 | 2.13 | 3.23 | 1.378 | 1.77 | 1/2-13UNC | F12 |
| 8"   | 21.18 | 7.87  | 8.37  | 11.91 | 7.87  | 13.5 | 8  | 11.75 | 0.87 | 6.50 | 4.59 | 4.59 | 2.56 | 3.54 | 1.772 | 2.36 | 5/8-11UNC | F16 |
| 10"  | 27.67 | 9.84  | 9.27  | 13.60 | 9.84  | 16.0 | 12 | 14.25 | 1.00 | 6.50 | 4.59 | 4.59 | 2.76 | 4.33 | 1.772 | 2.36 | 5/8-11UNC | F16 |
| 12"  | 30.31 | 11.81 | 10.24 | 14.96 | 11.81 | 19.0 | 12 | 17.00 | 1.00 | 6.50 | 4.59 | 4.59 | 2.87 | 4.72 | 2.165 | 2.76 | 5/8-11UNC | F16 |



| NO | Name                | Material         | Qty |
|----|---------------------|------------------|-----|
| 1  | Body                | ASTM A351 CF8M   | 1   |
| 2  | End Caps            | ASTM A351 CF8M   | 3   |
| 3  | Bonnet              | ASTM A351 CF8M   | 1   |
| 4  | Ball & Stem         | ASTM A351 CF8M   | 1   |
| 5  | Seats               | TFM              | 3   |
| 6  | Stem Packing        | TFM/Graphite *   | 1   |
| 7  | Body Gaskets        | 50/50/Graphite * | 3   |
| 8  | Bonnet Gasket       | 50/50/Graphite * | 1   |
| 9  | Thrust Bearing      | 50/50/PEEK *     | 1   |
| 10 | Anti-Static Springs | SS304            | 1   |
| 11 | Bonnet Bolts        | ASTM A193 B8     | set |
| 12 | Packing Follower    | SS304            | 1   |
| 13 | Packing Gland       | ASTM A351 CF8    | 1   |
| 14 | Gland Bolts         | SS304            | 2   |
| 15 | Body Bolts          | ASTM A193 B8     | set |

| ANSI CLASS 150              |                     |
|-----------------------------|---------------------|
| ANSI / FCI LEAKGE CLASS     | SHUT-OFF CLASS V/VI |
| SHELL TEST @ 425 PSI        | ASME B16.34         |
| PRESSURE TEMPERATURE RATING | ASME B16.34         |
| END CONNECTION              | ASME B16.11         |
| JOINT STRENGTH              | ASME B16.34         |
| WALL THICKNESS              | ASME B16.34         |
| BASIC DESIGN                | ASME B16.34         |

|               |   |                         |                      |             |
|---------------|---|-------------------------|----------------------|-------------|
| Drawn by :    | M | Date : November 9, 2018 | Scale : Not To Scale | Rev : 0     |
| Checked by :  | M | Date : November 9, 2018 | Unit : Inch          | Sheet : xxx |
| Approved by : | M | Date : November 9, 2018 | Material :           | See Notes   |

|                |                              |
|----------------|------------------------------|
| Drawing Title: | FLANGED FULL BORE BALL VALVE |
| Drawing No.:   | DS-MPF15-SS-T-FFG-L-XXX      |



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