

Super-Tek III Seat

CS

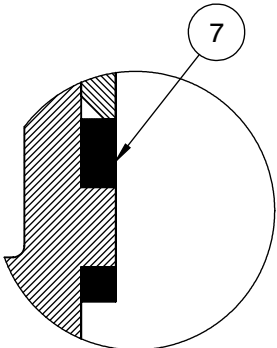
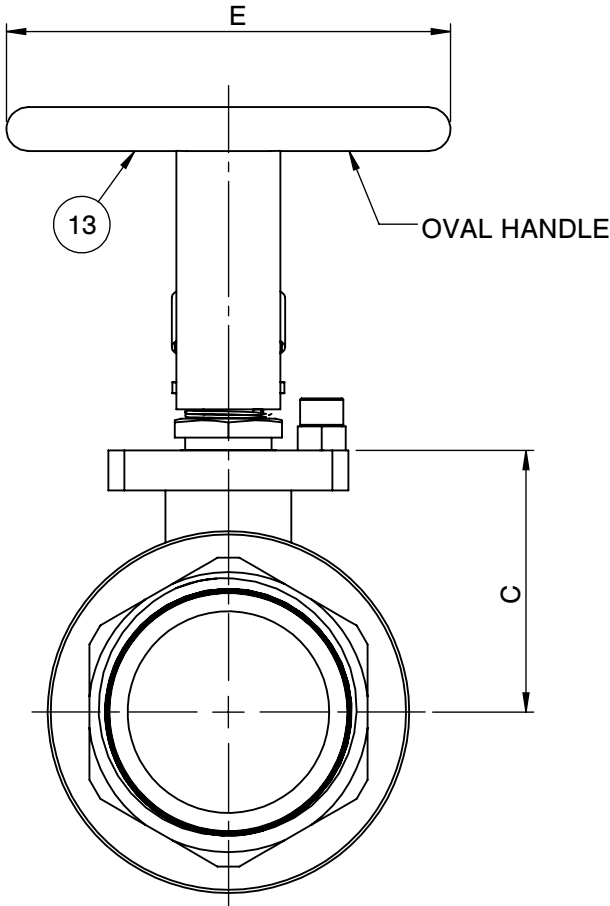
S23-CS-F-G-G-O-???

2000 WOG

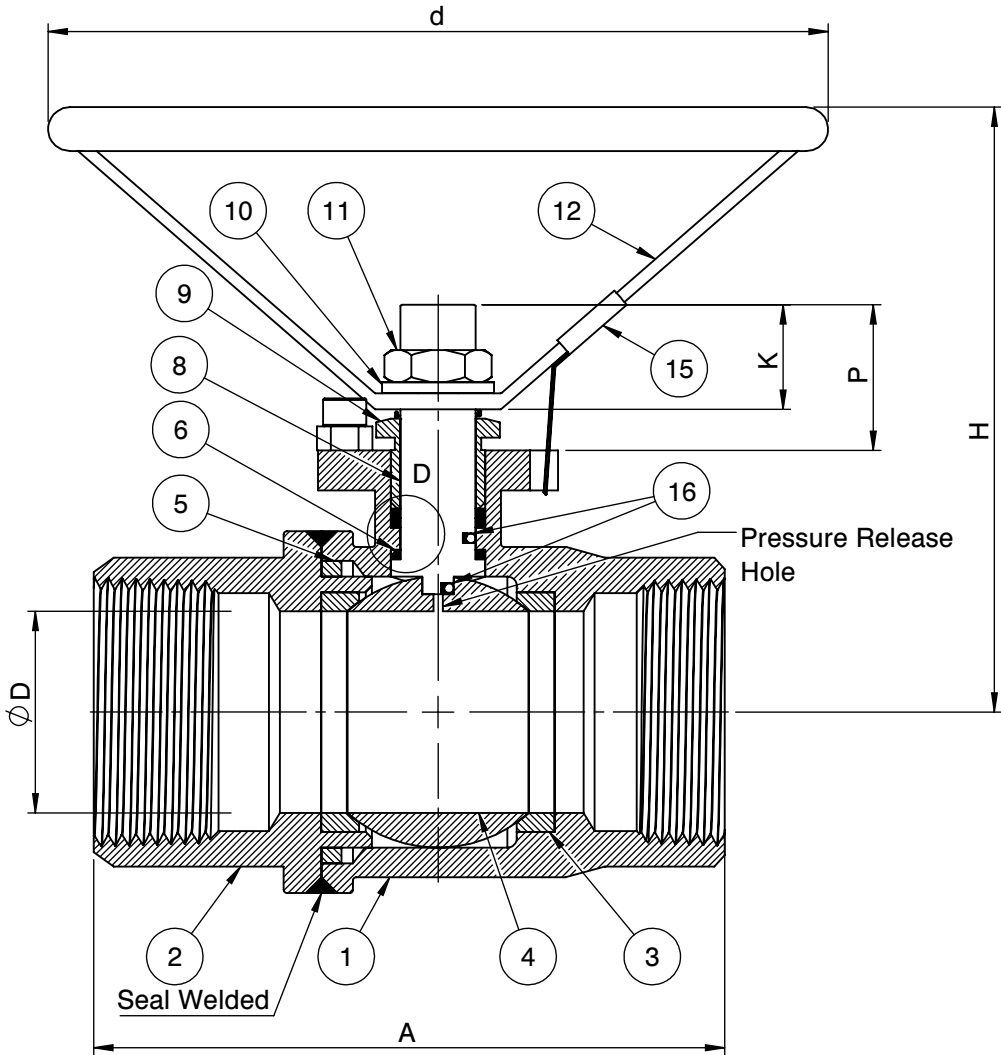
Fusion Series

FIRESAFE PER API 607-5

| SIZE   |    | Ø D  |       | d    |        | Ø G  |    | H    |        | C    |       | I    |    | Ø J  |    | K    |       | A    |     | M  | P    |       | E    |       | FO  |
|--------|----|------|-------|------|--------|------|----|------|--------|------|-------|------|----|------|----|------|-------|------|-----|----|------|-------|------|-------|-----|
| inch   | mm | inch | mm    | inch | mm     | inch | mm | inch | mm     | inch | mm    | inch | mm | inch | mm | inch | mm    | inch | mm  |    | inch | mm    | inch | mm    |     |
| 1/4"   | 8  | 0.43 | 11    | 3.58 | 90.93  | 1.42 | 36 | 2.40 | 60.96  | 0.94 | 24    | 0.20 | 5  | 0.31 | 8  | 0.35 | 9     | 2.32 | 59  | M5 | 0.57 | 14.50 | 2.20 | 55.88 | F04 |
| 3/8"   | 10 | 0.49 | 12.50 | 3.58 | 90.93  | 1.42 | 36 | 2.40 | 60.96  | 0.94 | 24    | 0.20 | 5  | 0.31 | 8  | 0.35 | 9     | 2.32 | 59  | M5 | 0.57 | 14.50 | 2.20 | 55.88 | F04 |
| 1/2"   | 15 | 0.59 | 15    | 3.58 | 90.93  | 1.42 | 36 | 2.52 | 64.00  | 1.06 | 26    | 0.20 | 5  | 0.31 | 8  | 0.45 | 11.50 | 2.52 | 64  | M5 | 0.69 | 17.50 | 2.20 | 55.88 | F04 |
| 3/4"   | 20 | 0.79 | 20    | 3.58 | 90.93  | 1.42 | 36 | 2.74 | 69.60  | 1.28 | 32.50 | 0.24 | 6  | 0.39 | 10 | 0.55 | 14    | 2.87 | 73  | M5 | 0.79 | 20    | 2.20 | 55.88 | F04 |
| 1"     | 25 | 0.98 | 25    | 4.88 | 123.95 | 1.65 | 42 | 3.66 | 92.96  | 1.52 | 38.60 | 0.31 | 8  | 0.47 | 12 | 0.65 | 16.50 | 3.35 | 85  | M5 | 0.91 | 23    | 2.76 | 70.10 | F05 |
| 1 1/4" | 32 | 1.26 | 32    | 4.88 | 123.95 | 1.65 | 42 | 3.78 | 96.01  | 1.63 | 41.50 | 0.31 | 8  | 0.47 | 12 | 0.65 | 16.50 | 3.94 | 100 | M5 | 0.91 | 23    | 2.76 | 70.10 | F05 |
| 1 1/2" | 40 | 1.50 | 38    | 5.28 | 134.11 | 1.97 | 50 | 4.27 | 108.71 | 2.01 | 51.15 | 0.31 | 8  | 0.55 | 14 | 0.79 | 16.50 | 4.53 | 115 | M6 | 1.06 | 27    | 3.31 | 84.07 | F07 |
| 2"     | 50 | 1.97 | 50    | 5.28 | 134.11 | 1.97 | 50 | 4.80 | 121.92 | 2.56 | 65    | 0.39 | 10 | 0.55 | 14 | 0.79 | 20    | 5.28 | 134 | M6 | 1.06 | 27    | 3.31 | 84.07 | F07 |



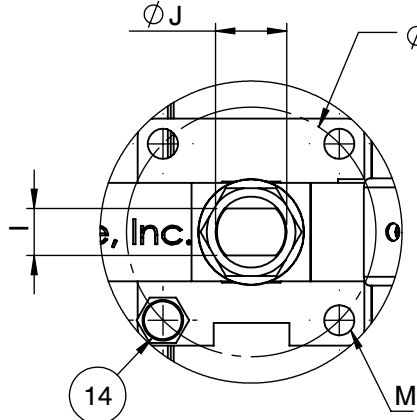
DETAIL D



PRESSURE RATING 2000 WOG

|                             |             |
|-----------------------------|-------------|
| SEAT TEST @ 80~100 PSI      | ASME B16.34 |
| SHELL TEST @ 2175 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 |

Actuator ISO Mounting Flange 5211



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| No. | Parts              | Material          |
|-----|--------------------|-------------------|
| 1   | Body               | ASTM A216 WCB     |
| 2   | End Cap            | ASTM A216 WCB     |
| 3   | Seat               | Super-Tek III     |
| 4   | Ball               | ASTM A351 CF8     |
| 5   | Gasket             | Graphite          |
| 6   | Thrust Washer      | 25% Carbon PTFE   |
| 7   | Stem Packing       | Graphite          |
| 8   | Stem               | A276-304 / 17-4PH |
| 9   | Gland              | SS304             |
| 10  | Handle Washer      | SS304             |
| 11  | Handle Nut         | SS304             |
| 12  | Handle             | Zinc Plated Steel |
| 13  | Handle Cover       | PVC               |
| 14  | Stop Screw         | Steel             |
| 15  | Locking Device     | Zinc Plated CS    |
| 16  | Anti-Static Device | SS304             |

FOR CERTIFIED  
DRAWING CONSULT  
FACTORY

Drawn by : M

Checked by : M

Approved by : M

Date : June 17, 2019

Date : June 17, 2019

Date : June 17, 2019

Scale : Not To Scale

Unit : Inch

Material : See Notes

Rev : 0

Sheet : xxx

Drawing Title: NPT - FULL PORT BALL VALVE

Drawing No.: DS-S23CSFGGO???

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REVIEW ALL STANDARD SOFT PARTS FOR APPLICATION COMPATIBILITY