

EF158D CLASS 150

EF308D CLASS 300

EF608D CLASS 600

- SIZES 1/2" THRU 3" (EF158D)
- SIZES 1/2" THRU 2" (EF308D, EF608D)
- FORGED STEEL
- ASTM A105N

Design construction:

API 602 - ASME B16.34 - BS 5352
 Testing according to API 598
 Marking MSS SP25
 Outside Screw and Yoke (OS&Y)
 Self aligning two piece packing gland
 Spiral-wound gasket
 Integral backseat
 Integral body flanges
 Face to face according to ASME B16.10
 125-250 AARR serrated spiral finish
 Flanges according to ASME B16.5

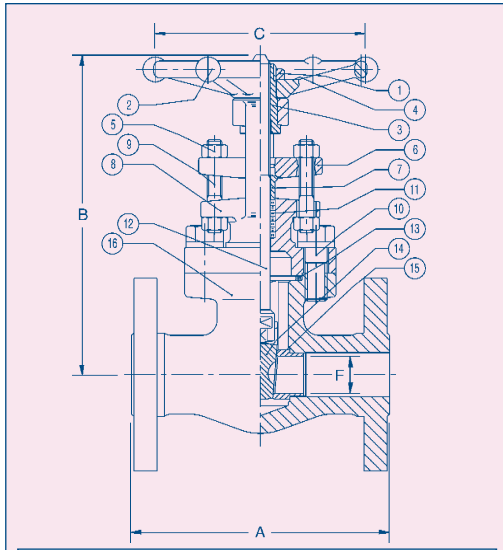
Ratings:

- carbon steel class 150 285 psig @ 100°F
 20 bar + 38°C
- carbon steel class 300 740 psig @ 100°F
 51 bar + 38°C
- carbon steel class 600 1480 psig @ 100°F
 102 bar + 38°C

| DIMENSIONAL SPECIFICATIONS | | | | | | | |
|----------------------------|------------|-------------|---------------|-------------|--------------|--------------|--------------|
| SIZE | inch | 1/2 | 3/4 | 1 | 1 1/2 | 2 | 3 |
| | mm | 15 | 20 | 25 | 40 | 50 | 75 |
| A | inch mm | 4.25 108 | 4.62 117,5 | 5 127 | 6.50 165 | 7 178 | 8 203 |
| B open | inch mm | 6.88 175 | 7.16 182 | 8.35 212 | 10.04 255 | 11.41 290 | 13.58 345 |
| C | inch mm | 3.46 88 | 3.46 88 | 3.82 97 | 5.43 138 | 5.43 138 | 6.77 172 |
| F | inch mm | .38 9,6 | .55 14 | .71 18 | 1.18 30 | 1.44 36,6 | 1.89 48 |
| Typical CV Factors | | 6.3 | 10 | 25.6 | 67.5 | - | 97 |
| Weight | lb. | 6.25 | 8 | 11.25 | 21 | 29 | 46.75 |
| | kg | 2,9 | 3,7 | 5,2 | 9,6 | 13,2 | 21,2 |
| PACKING | | BH2 | BH2 | BH4 | BH6 | BY5 | BH8 |
| GASKET | | G2 | G2 | G3 | G5 | G7 | G8 |

| DIMENSIONAL SPECIFICATIONS | | | | | | | |
|----------------------------|------------|-------------|-------------|-------------|-------------|--------------|--|
| SIZE | inch | 1/2 | 3/4 | 1 | 1 1/2 | 2 | |
| | mm | 15 | 20 | 25 | 40 | 50 | |
| A | inch mm | 5.51 140 | 6 152,5 | 6.50 165 | 7.51 191 | 8.5 216 | |
| B open | inch mm | 6.89 175 | 7.17 182 | 8.35 212 | 9.84 250 | 11.42 290 | |
| C | inch mm | 3.46 88 | 3.46 88 | 3.82 97 | 5.43 138 | 5.43 138 | |
| F | inch mm | .38 9,6 | .55 14 | .71 18 | 1.18 30 | 1.44 36,6 | |
| Typical CV Factors | | 6.3 | 10 | 25.6 | 67.5 | 97 | |
| Weight | lb. | 7.75 | 11.25 | 14.75 | 28.5 | 33.5 | |
| | kg | 3,6 | 5,2 | 6,7 | 13 | 15,3 | |
| PACKING | | BH2 | BH2 | BH4 | BH6 | BY5 | |
| GASKET | | G2 | G2 | G3 | G5 | G7 | |

| DIMENSIONAL SPECIFICATIONS | | | | | | | |
|----------------------------|------------|-------------|-------------|-------------|--------------|--------------|--|
| SIZE | inch | 1/2 | 3/4 | 1 | 1 1/2 | 2 | |
| | mm | 15 | 20 | 25 | 40 | 50 | |
| A | inch mm | 6.50 165 | 7.51 191 | 8.50 216 | 9.50 241 | 11.50 292 | |
| B open | inch mm | 6.65 169 | 7.28 185 | 8.46 215 | 10.04 255 | 12.01 305 | |
| C | inch mm | 3.46 88 | 3.46 88 | 3.82 97 | 5.43 138 | 5.43 138 | |
| F | inch mm | .38 9,6 | .55 14 | .71 18 | 1.18 30 | 1.44 36,6 | |
| Typical CV Factors | | 6.3 | 10 | 25.6 | 67.5 | 97 | |
| Weight | lb. | 9.25 | 15.25 | 22 | 39.5 | 63.5 | |
| | kg | 4,3 | 7 | 10 | 18 | 28 | |
| PACKING | | BH2 | BH2 | BH4 | BH6 | BY5 | |
| GASKET | | G2 | G2 | G3 | G6 | G7 | |



| MATERIALS OF CONSTRUCTION | | |
|---------------------------|---------------|---------------------|
| IT. | DESCRIPTION | MATERIAL |
| 1 | Handwheel Nut | Carbon Steel |
| 2 | Handwheel | Carbon Steel |
| 3 | Yoke Sleeve | AISI 416 |
| 4 | Name Plate | Aluminum |
| 5 | Gland Nuts | A194-2H |
| 6 | Gland Flange | A105 |
| 7 | Packing Gland | AISI 410 |
| 8 | Bonnet | A105N |
| 9 | Gland Studs | AISI 410 |
| 10 | B/B Bolts | A193 B7 |
| 11 | Packing | Graphite |
| 12 | Stem | AISI 410 |
| 13 | B/B Gasket | F316L + Graphite |
| 14 | Wedge | AISI 410 |
| 15 | Seat Rings | AISI 410 + Stellite |
| 16 | Body | A105N |