

Fig. M552 & 552E Cast Iron



FEATURES & BENEFITS

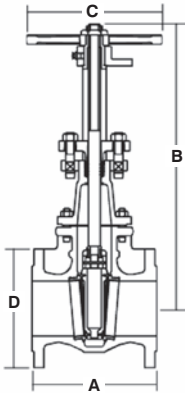
- Cast Iron with integral flanges
- Outside screw pattern with rising stem
- Ideal for use on more active media where fluid might have an adverse affect on thread
- Flanges ends require no pipe threading



MATERIAL SPECIFICATION

| Component | Material | Specification | |
|---------------------|---------------|----------------|------------|
| | | BS EN | ASTM |
| Body | Cast Iron | 1561 EN-JLI040 | A126 CI B |
| Wedge | Cast Iron | 1561 EN-JLI040 | A126 CI B |
| Bonnet | Cast Iron | 1561 EN-JLI040 | A126 CI B |
| Yoke Joint | Cast Iron | 1561 EN-JLI040 | A126 CI B |
| Yoke Sleeve | Cast Bronze | 1982 CC491K | B62 C83600 |
| Bonnet Gasket | Asbestos Free | - | - |
| Wedge Nut | Brass | 12164 CW614N | - |
| Stem | Steel | 10087 11sMn30 | A105 |
| Stuffing Box | Cast Iron | 1561 EN-JLI030 | A126 CI B |
| Stuffing Box Gasket | Asbestos Free | - | - |
| Gland Follower | Ductile Iron | 1563 EN-JSI040 | - |
| Packing Gland | Brass | - | - |
| Handwheel | Cast Iron | 1561 EN-JLI030 | A126 CI B |

DIMENSIONAL DRAWING



DIMENSIONS & WEIGHTS

| Nom Size | mm in | 50 2 | 65 2 1/2 | 80 3 | 100 4 | 125 5 | 150 6 | 200 8 | 250 10 | 300 12 |
|-----------|-------|-------|----------|-------|-------|-------|-------|-------|--------|--------|
| A PN6 | mm | 146 | 159 | 165 | 171 | 191 | 210 | 241 | 273 | 305 |
| A Table E | in | 5 3/4 | 6 1/4 | 6 1/2 | 6 3/4 | 7 1/2 | 8 1/4 | 9 1/2 | 10 3/4 | 12 |
| B (Open) | mm | 405 | 415 | 486 | 632 | 710 | 842 | 1100 | 1228 | 1373 |
| C | mm | 190 | 190 | 190 | 305 | 305 | 305 | 305 | 405 | 405 |
| Weight | kg | 14 | 18 | 25 | 34 | 48 | 59 | 91 | 157 | 210 |

PRESSURE/ TEMPERATURE RATING

BS EN 1171: 2002 PN6
6 bar at -10 to 120°C
5.4 bar at 150°C

TEST PRESSURES (HYDRAULIC)

Shell: 9 bar
Seat: 6.6 bar

SPECIFICATION

Outside screw.
Rising stem.
Bronze trim.
Flanged to BS EN1092-2 PN6.
Also available flanged to BS10 Table E Figure 552E.

