

## FM369

Cast Iron Globe Valve

PN16

### Features & Benefits

- Crane cast iron globe valves are highly efficient for throttling because seat and disc designs provide flow characteristics with proportionate relationships between valve lift and flow rate

### Materials

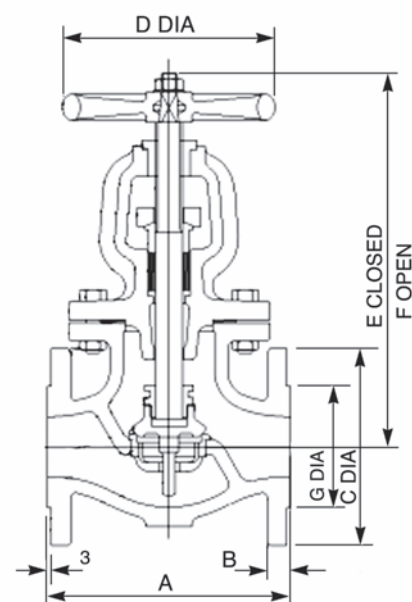
| PART           | MATERIAL                             | SIZES     |
|----------------|--------------------------------------|-----------|
| Body           | Cast Iron BS EN 1561 GJL-250         | All       |
| Bonnet         | Cast Iron BS EN 1561 GJL-250         | All       |
| Disc Guide Pin | Brass BS EN 12164 CW721R             | 125 - 150 |
| Gland          | Brass BS EN 12164 CW614N             | All       |
| Gland Flange   | Malleable Iron BS EN 1562 GJMB-300-6 | All       |
| Gasket         | Asbestos Free                        | All       |
| Disc Stem Ring | Brass BS EN 12164 CW721R             | All       |
| Lockwasher     | Brass BS EN 1652                     | All       |
| Disc           | Bronze BS EN 1982 CC491K             | All       |
| Body Seat Ring | Bronze BS EN 1982 CC491K             | All       |
| Stem           | Brass BS EN 12164 CW721R             | All       |
| Packing        | Asbestos Free                        | All       |
| Yoke Bushing   | Brass BS EN 12164 CW721R             | All       |
| Handwheel      | Malleable Iron BS EN 1562 GJMB-300-6 | All       |

### Dimensions & Weights

| SIZE (mm) | WEIGHT (kg) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) |
|-----------|-------------|--------|--------|--------|--------|--------|--------|--------|
| 50        | 24.2        | 203    | 20     | 165    | 203    | 310    | 335    | 102    |
| 65        | 29          | 216    | 20     | 185    | 203    | 330    | 356    | 122    |
| 80        | 36.9        | 241    | 22     | 200    | 229    | 362    | 392    | 138    |
| 100       | 56          | 292    | 24     | 220    | 254    | 416    | 446    | 158    |
| 125       | 72.3        | 330    | 26     | 250    | 305    | 457    | 489    | 188    |
| 150       | 98.8        | 356    | 26     | 285    | 305    | 476    | 516    | 212    |



### Dimensional Drawing



### Pressure/Temperature Ratings

|                  |            |      |
|------------------|------------|------|
| TEMPERATURE (°C) | -10 to 100 | 220  |
| PRESSURE (BAR)   | 16         | 12.1 |

Intermediate pressure ratings shall be determined by interpolation.

**PRESSURE RATING:** PN16

**TEMPERATURE OPERATING RANGE:** -10 to 220°C

**UK END CONNECTION:** Flanged BS EN 1092-2 PN16

**OPERATOR:** Handwheel

**AVAILABLE OPTOINS:** Flanges Undrilled

**SPECIFICATION:** Valves are manufactured in accordance with BS EN 13789:2010.

End flanges conform to BS EN 1092-2 PN16 with raised face.

Valves are normally supplied drilled.

This valve is not suitable for use on group 1 gases or unstable fluids, as defined by the Pressure Equipment Directive 97/23/EC.\*

\* See page 251 for more information