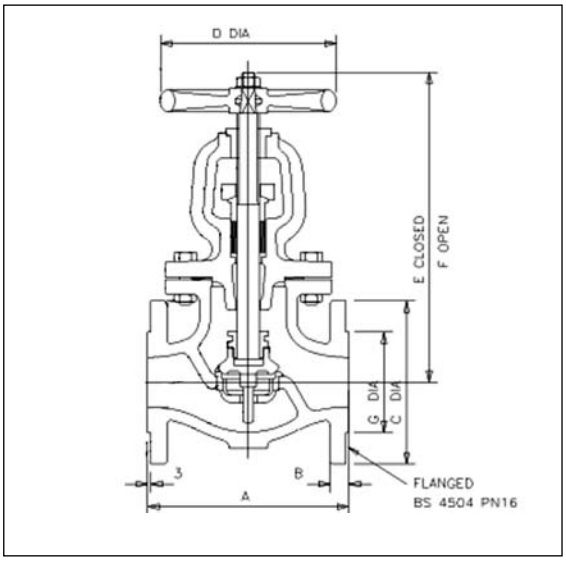
Cast Iron Globe Valve

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

Materials

Part	Material	Sizes
Body	Cast Iron BSEN1561 GJL-250	All
Bonnet	Cast Iron BSEN1561 GJL-250	All
Disc Guide Pin	Brass BSEN12164 CW721R	125 & 300
Gland	Brass BSEN12164 CW614N	All
Gland Flange	Malleable Iron BS EN 1562 GJMB-300-6	All
Gland Bolts	Steel BS3692 Gr.8.8	All
Gasket	Asbestos Free	All
Disc Stem Ring	Brass BSEN12164 CW721R	All
Lockwasher	Brass BSEN1652	All
Disc	Bronze BSEN1982 CC491K	All
Body Seat Ring	Bronze BSEN1982 CC491K	All
Stem	Brass BSEN12164 CW721R	All
Packing	Asbestos Free	All
Bonnet Bolts	Steel BS3692 Gr.8.8	All
Yoke Bushing	Brass BSEN12164 CW721R	All
Handwheel	Malleable Iron BS EN 1562 GJMB-300-6	All
Handwheel Nut	Steel BS1768	All

Dimensional Drawing



Dimensions and Weights

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

Pressure Rating: PN16
UK End Connection: Flanged BSEN1092-2
Operator: Handwheel

Specification:
Valves are manufactured in accordance with BSEN13789 (formerly BS5152). End flanges conform to BSEN1092-2 Section 3.2 Table 11 with raised face. Valves are normally supplied drilled.
This valve is not suitable for use on group 1 gasses or unstable fluids, as defined by the Pressure Equipment Directive 97/23/EC.
Temperature operating range: - 10 to 220°C.

Available Options:
Flanges Undrilled
P50 locking device.

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