

CRANE FM63 Gate Valve (125mm to 300mm)

PN16 Cast Iron Gate Valve

Crane cast iron gate valves offer the ultimate in dependable service wherever minimum pressure drop is important.

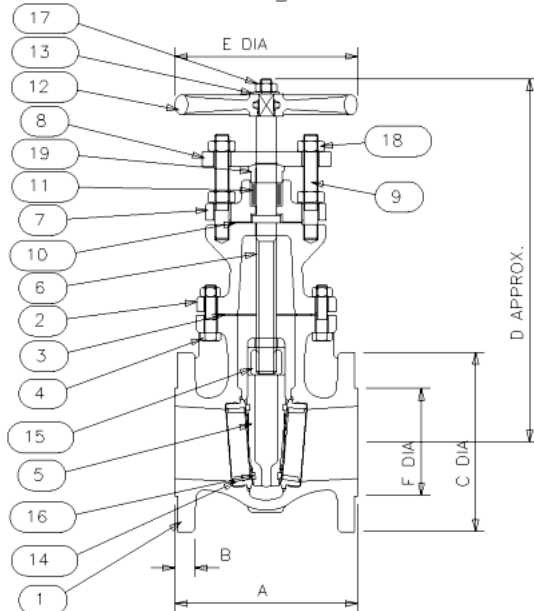
Each valve is hydrostatically tested to BS5150

Bill of Materials

Sequence	Description	Material	Sizes
1	Body	Cast Iron BSEN1561 GJL-250	All
2	Bonnet	Cast Iron BSEN1561 GJL-250	All
3	Bonnet Gasket	Asbestos Free	All
4	Bonnet Bolt	Steel BS4190 Gr.4.6	All
4	Bonnet Bolt Nut	Steel BS4190 Gr.4	All
5	Disc	Cast Iron BSEN1561 GJL-250	All
6	Stem	Brass ASTM B16-C36000 Half Hard	All
7	Stuffing Box	Cast Iron BSEN1561 GJL-250	All
8	Gland Flange	Ductile Cast Iron ASTM A536 Gr.65-45-12	All
9	Stuffing Box Stud	BS4439 Gr.4.8	200 - 300
9	Stuffing Box Stud N	BS4190 Gr.4	200 - 300
9	Gland Studs	BS4439 Gr.4.8	All
10	Stuffing Box Gasket	Asbestos Free	All
11	Packing	Asbestos Free	All
12	Handwheel	Malleable Iron BS EN 1562 GJMB-300-6	All
13	Washer	Steel	All
14	Body Seat Ring	Bronze BSEN1982 CC491K	All
15	Disc Stem Nut	Bronze BSEN1982 CC491K	All
16	Disc Ring	Bronze BSEN1982 CC491K	All
17	Handwheel Nut	BS4190 Gr.4	All
18	Gland Sud Nut	BS4190 Gr.4	All
19	Gland	Cast Iron BSEN1561 GJL-250	All



Dimensional Drawing



Dimensions and Weights

Size	Weight (kg)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
125mm	60	254	26	250	491	305	184
150mm	77.5	267	26	285	535	305	211
200mm	130.5	292	30	340	665	356	266
250mm	194.5	330	32	405	773	406	319
300mm	275.5	356	32	460	860	457	370

Pressure Rating: PN16

UK End Connection: Flanged BSEN1092-2

US End Connection: Not Specified

Operating Instructions:

Handwheel

Gate valves are best for services that require infrequent valve operation, and where the disk is kept either fully opened or fully closed. They are not practical for throttling.

Specification:

Wedge Disk, Non-Rising Stem, Inside Screw

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 200 degrees celsius.

Available Options:

Flanges undrilled.

P50 locking device

For further assistance please call our technical helpline on +44 (0)1473 277400 or email us at enquiries@cranefs.com.

Following a policy of continuous development, Crane Fluid Systems reserves the right to alter specifications and dimensions shown in the e-catalogue without prior notice.