

FM82 Gate Valve 50mm to 300mm

Materials

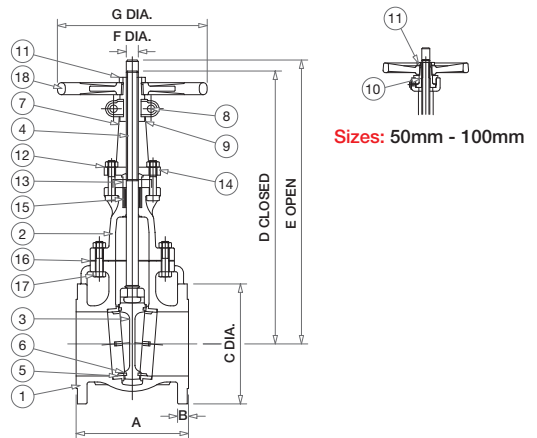
SEQUENCE	DESCRIPTION	MATERIAL	SIZES
1	Body	Cast Iron BSEN1561 GJL-250	All
2	Bonnet	Cast Iron BSEN1561 GJL-250	All
3	Disc	Cast Iron BSEN 1561 GJL-250	125 - 300
3	Disc	Bronze BSEN1982 CC491K	50 - 100
4	Stem	Brass	125 - 300
4	Stem	Manganese Bronze BSEN12164 CW721R	50 - 100
5	Body Seat Ring	Bronze BSEN1982 CC491K	All
6	Disc Seat Ring	Bronze BSEN1982 CC491K	125 - 300
7	Yoke	Cast Iron BSEN1561 GJL-250	125 - 300
8	Yoke Hub Bolts/Nuts	Steel BS4190 Gr.4.6/4.0	125 - 300
10	Yoke Sleeve	Bronze BSEN1982 CC491K	125 - 300
10	Yoke Sleeve	Manganese Bronze ASTM B584 - C86400	50 - 100
11	Yoke Sleeve Nut	Ductile Iron ASTM A536 65-45-12	125 - 300
11	Yoke Sleeve Nut	Malleable Iron BSEN1562 GR 300-6	50 - 100
12	Gland Flange	Ductile Iron ASTM A536 65-45-12	125 - 300
12	Gland Flange	Malleable Iron BSEN1562 GR 300-6	50 - 100
13	Gland	Cast Iron BSEN1561 GJL-250	125 - 300
13	Gland Flange	Malleable Iron BSEN1562 GR 300-6	50 - 100
14	Gland Bolts/Nuts	Steel BS4190 Gr.4.0/4.6	125 - 300
14	Gland Bolts/Nuts	Steel BS3692 Gr.8.0/8.8	50 - 100
15	Packing	Asbestos Free	All
16	Bonnet Gland	Asbestos Free	All
17	Bonnet Bolts/Nuts	Steel BS4190 Gr.4.0/4.6	125 - 300
17	Bonnet Bolts/Nuts	Steel BS3692 Gr.8.0/8.8	50 - 100
18	Handwheel	Malleable Iron BSEN 1562 GR 300-6	All



Dimensions and Weights

SIZE	WEIGHT (g)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
50mm	22.5	178	20	165	334	399	19	203
65mm	26.4	190	20	185	354	432	19	203
80mm	31	203	22	200	375	469	19	203
100mm	44.3	229	24	220	449	566	22	229
125mm	72.3	254	26	254	575	714	28.5	305
150mm	88.1	267	26	279	649	813	28.5	305
200mm	140	292	30	340	800	1013	34.9	356
250mm	225	330	32	405	984	1257	39.7	406
300mm	314	356	32	460	1127	1454	39.7	457

Dimensional Drawing



Crane cast iron gate valves offer the ultimate in dependable service wherever minimum pressure drop is important. Each valve is hydrostatically tested to BS1510

PRESSURE RATING: PN16 **UK END CONNECTION:** Flanged BSEN1092-2

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: Valves are manufactured in accordance with BS1510. End flanges conform to BSEN1092-2 section 3.2 Table 11 with raised face and are normally supplied drilled. Bronze trim, rising stem. 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, P139 Stem Adapter, Extension Stem



CRANE HOUSE
EPSILON TERRACE,
WEST ROAD, IPSWICH
SUFFOLK IP3 9FJ

TELEPHONE: +44 (0)1473 277300
FAX: +44 (0)1473 277301
EMAIL: enquiries@cranefs.com
www.cranefs.com

The Company reserve the right to amend any product without notice.

CFS_FM82_08_2009