

# F84

## Cast Iron Gate Valve Rising Stem

Class 125

F84



GENERAL VALVES

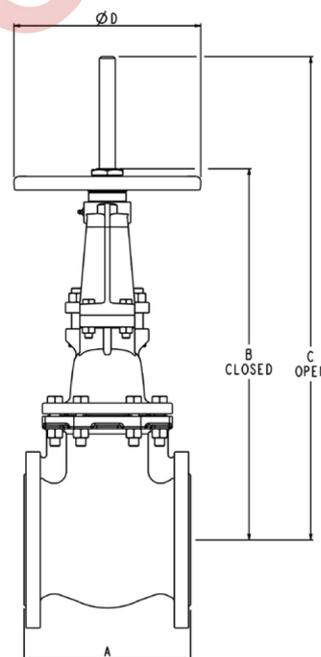
### Features & Benefits

- Crane cast iron gate valves offer the ultimate in dependable service wherever minimum pressure drop is important
- Manufactured in accordance with BS 5150:1990 and generally compliant with MSS SP 70.
- Rising stem gives visual indication of valve open position

### Materials

PART	MATERIAL	SIZES
Body	Cast Iron BS EN 1561 EN-GJL-250	2 - 8
Body	Ductile Iron BS EN 1563 EN-GJS-450-10 (ASTM A536 65-45-12)	10 - 12
Bonnet	Cast Iron BS EN 1561 EN-GJL-250	2 - 8
Bonnet	Ductile Iron BS EN 1563 EN-GJS-450-10 (ASTM A536 65-45-12)	10 - 12
Disc	Cast Iron BS EN 1561 EN-GJL-250	2 - 8
Disc	Ductile Iron BS EN 1563 EN-GJS-450-10 (ASTM A536 65-45-12)	10 - 12
Stem	ASTM B16 - C36000	2 - 12
Body Seat Ring	Bronze BS EN 1982 CC491K	2 - 12
Disc Seat Ring	Bronze BS EN 1982 CC491K	2 - 12
Yoke	Cast Iron BS EN 1561 EN-GJL-250	6 - 10
Yoke	Ductile Iron BS EN 1563 EN-GJS-450-10 (ASTM A536 65-45-12)	12
Yoke Hub Bolts / Nuts	Steel Grade 8 / 8.8	2 - 12
Yoke Pad Bolts / Nuts	Steel Grade 8 / 8.8	6 - 12
Yoke Sleeve	Bronze BS EN 1982 CC491K	2 - 12
Yoke Sleeve H/W Nut	Ductile Iron BS EN 1563 EN-GJS-450-10 (ASTM A536 65-45-12)	2 - 12
Yoke Sleeve Ret. Nut	Ductile Iron BS EN 1563 EN-GJS-450-10 (ASTM A536 65-45-12)	8 - 12
Gland Flange / Gland	Ductile Iron BS EN 1563 EN-GJS-450-10 (ASTM A536 65-45-12)	2 - 12
Gland Bolts	Steel Grade 8 / 8.8	2 - 12
Packing	Asbestos Free	2 - 12
Gasket (Body/Bonnet)	Asbestos Free	2 - 12
Bonnet Bolts / Nuts	Steel Grade 8 / 8.8	2 - 12
Handwheel	Cast Iron BS EN 1561 EN-GJL-250	2 - 10
Handwheel	Ductile Iron BS EN 1563 EN-GJS-450-10 (ASTM A536 65-45-12)	12
Body Plate	Anodised Aluminium	2 - 12

### Dimensional Drawing



### Dimensions & Weights

SIZE (inch)	WEIGHT (kg)	A (mm)	B (mm)	C (mm)	D (mm)
2	16	178	300	363	152
2½	20	190	322	394	152
3	26	203	384	473	203
4	37	229	450	562	229
5	50	254	523	664	254
6	61	267	608	761	254
8	102	292	757	981	305
10	168	330	921	1199	356
12	230	356	993	1303	400

### Pressure/Temperature Ratings

TEMPERATURE (°C)	-10 to 65	230
PRESSURE (BAR)	13.8	8.6

Intermediate pressure ratings shall be determined by interpolation.

**PRESSURE RATING:** Class 125

**TEMPERATURE OPERATING RANGE:** -10 to 230°C

**US END CONNECTION:** ANSI Flanged

**OPERATOR:** Handwheel.

**SPECIFICATION:** Iron Gate Valves, with IBBM - Iron Body, Bronze Mounted, with Iron Bonnet, Disc, Bronze CC491K Seat Ring, Bronze Yoke-Sleeve, Brass Stem, designed to BS 5150 and generally compliant with MSS SP-70. End Flanges conform to BS 1560 Section 3.2/ANSI B16.1 Class 125 with flat face.

This valve is not suitable for use on group 1 gases or unstable fluids, as defined by the Pressure Equipment Directive 2014/68/EU.\* Valves tested in accordance with BS EN 12266-1: 2003.

\*see Quality Assurance page for more information

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