



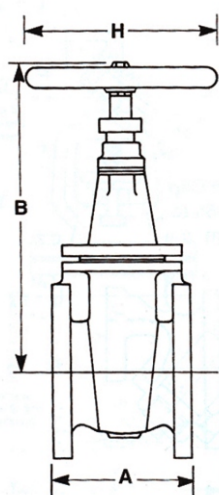
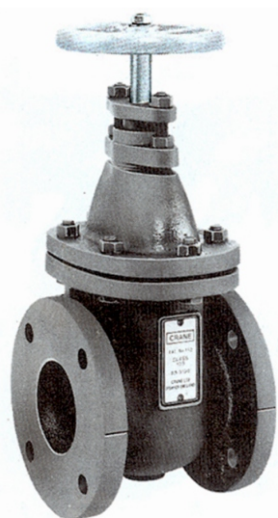
# Class 125

CRANE

BS 5150  
MSS.SP-70

F53  
Bronze trim

F59  
All iron



## Cast Iron Gate Valves Flanged ANSI

WEDGE DISK • NON-RISING STEM • INSIDE SCREW

### PRESSURE/TEMPERATURE RATINGS

Temperature (C°)	-10 to 65	100	120	140	150	160	180	200	220	230
Pressure (bar)	13.8	12.7	12.1	11.6	11.4	10.8	10.3	9.8	8.9	8.6

Temperature (C°)	0 to 150	200	250	300	350	400	450
Pressure (lbf/in <sup>2</sup> )	200	190	175	165	150	140	125

### TESTING

Each valve hydrostatically tested to BS 5150.

### SPECIFICATION

**F53** Bronze trim – Sizes 50 to 300 mm (2 to 12 inch) – Flanged ANSI Class 125.

**F59** All iron – Sizes 50 to 250mm (2 to 10 inch) – Flanged ANSI Class 125

Valves are manufactured in accordance with BS 5150. End flanges conform to BS 1560 Section 3.2 / ANSI B16.1 Class 125 with filat face and are normally supplied drilled.

### TRIM MATERIALS

Part	F53	F59
Disk	Cast iron with bronze facings	Cast iron with integral facings
Disk nut	Bronze	Ductile iron
Body seat rings	Bronze	Ductile iron
Stem	Brass	13% Chromium steel

Material specification references and details of materials for shell and other components are given on pages 8 to 11.

### DIMENSIONS AND WEIGHTS

Nom. Size	A mm	B mm	H mm	Wt Kg
50	178	277	140	12.7
65	190	296	140	15.8
80	203	337	152	19.5
100	229	369	203	29.3
125	254	429	229	39.5
150	267	470	229	45.8
200	292	600	305	84.0
250	330	722	356	148.0
300T	356	818	406	198.0

