

# Fig. M511

## Cast Iron

### FEATURES AND BENEFITS

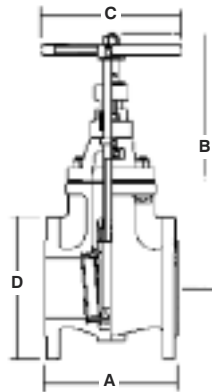
- Cast Iron with integral flanges
- Inside screw pattern with non-rising stem
- Ideal for use for non-corrosive and reasonably clean services
- Seat rings are threaded and securely fixed into the body



### MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Handwheel	Cast Iron	1561 EN-JL1040	A126 CI B
Gland	Cast Iron	1561 EN-JL1040	A126 CI B
Gland Packing	Graphite		
Stuffing Box	Cast Iron	1561 EN-JL1040	A126 CI B
Stuffing Box Gasket	Graphite		
Stem	Copper Alloy	12164 CW603N	B16-C36000
Bonnet	Cast Iron	1561 EN-JL1040	A126 CI B
Bonnet Gasket	Graphite		
Wedge Nut	Bronze		
Wedge	Cast Iron	1561 EN-JL1040	A126 CI B
Wedge Facing Ring	Bronze		
Body Seat Ring	Bronze		
Body	Cast Iron	1561 EN-JL1040	A126 CI B

### DIMENSIONAL DRAWINGS



### DIMENSIONS AND WEIGHTS

Nom Size	mm	50	65	80	100	125	150
A	mm	150	170	180	190	200	210
B	mm	292	324	360	380	454	490
C	mm	160	160	200	200	250	250
D	mm	160	185	200	220	250	285
Weight	kg	17	20	28	34	51	62

### PRESSURE/TEMPERATURE RATING

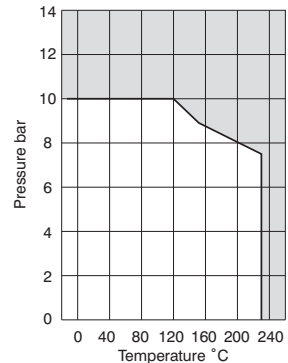
BS EN 1171:2002 PN10  
10 bar at -10 to 120°C  
7.4 bar at 230°C

### TEST PRESSURES

Each valve is individually hydrostatically tested to BS EN 12266:Part 1 at the following test pressures;  
Shell: 15 bar  
Seat: 11 bar

### SPECIFICATION

Complies with BS EN 1171: 2002.  
Face to face dimension to BS EN 558-1 series 14.  
Inside screw.  
Non-rising stem.  
Bronze trim.  
Flanged to BS EN 1092-2 PN10.



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