

Fig. M540 Ductile Iron

FEATURES AND BENEFITS

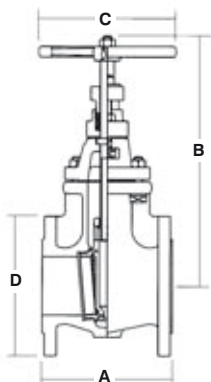
- Ductile Iron with integral flanges
- Inside screw pattern with non-rising stem
- Ideal for use for non-corrosive and reasonably clean services
- Seat rings are threaded and securely fixed into the body



MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Handwheel	Cast Iron	1561 EN JL1030	
Gland Flange	Ductile Iron	1561 EN JS1050	
Gland	H T Brass	1561 EN JS1040	
Gland Packing	Expanded Graphite		
Stuffing Box	Ductile Iron	1561 EN JS1050	
Stuffing Box Gasket	Asbestos Free		
Stem	Al Bronze	12163 CW301G	B150 C64200
Bonnet	Ductile Iron	1563 EN JS1050	
Bonnet Gasket	Asbestos Free		
Wedge Nut	Al Bronze	12163 CW301G	B150 C64200
Wedge	Ductile Iron	1563 EN JS1050	
Wedge Facing Ring	Bronze		
Body Seat Ring	Bronze		
Body	Ductile Iron	1563 EN JS1050	

DIMENSIONAL DRAWINGS



DIMENSIONS AND WEIGHTS

Nom Size	mm	50	65	80	100	125	150
A	mm	178	190	203	229	254	267
B	mm	322	322	340	420	477	542
C	mm	190	190	190	305	305	305
D	mm	165	185	200	235	270	300
Weight	kg	16	19	24	35	45	62

PRESSURE/ TEMPERATURE RATING

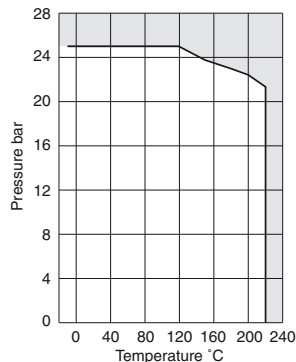
BS EN 1171:2002 PN25
25 bar at -10 to 120°C
21.5 bar at 220°C

TEST PRESSURES (HYDRAULIC)

PN25
Shell: 37.5 bar
Seat: 27.5 bar

SPECIFICATION

Inside screw.
Non-rising stem.
Flanged to BS EN 1092-2 PN25.
Bronze trim.



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