

# Fig. M549 Cast Iron

## FEATURES AND BENEFITS

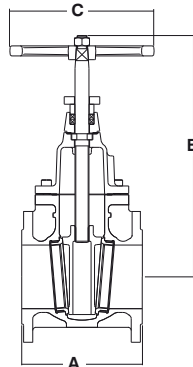
- Cast Iron with integral flanges
- Inside screw pattern with non-rising stem
- Ideal for use for non-corrosive and reasonably clean services
- Seat rings are threaded and securely fixed into the body



## MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Handwheel	Cast Iron	1561 EN-JLI030	A126 CI B
Gland	Cast Iron	1561 EN-JLI030	A126 CI B
Gland Packing	Expanded Graphite		
Stuffing Box	Cast Iron	1561 EN-JLI030	A126 CI B
Stuffing Box Gasket	Asbestos Free		
Stem	Brass	12164 CW614N	
Bonnet	Cast Iron	1561 EN-JL1040	
Bonnet Gasket	Asbestos Free		
Wedge Nut	Brass	12164 CW614N	
Wedge	Brass	12164 CW614N	
Wedge Facing Ring	Bronze	1982 CC491K	
Body Seat Ring	Bronze	1982 CC491K	
Body	Cast Iron	1561 EN-JL1040	

## DIMENSIONAL DRAWINGS



## PRESSURE/ TEMPERATURE RATING

BS EN 1171 PN6  
6 bar at -10 to 120°C  
5.4 bar at 150°C

## TEST PRESSURES (HYDRAULIC)

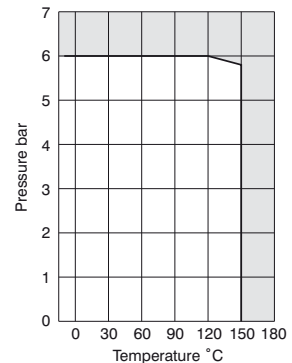
Shell: 9 bar  
Seat: 6.6 bar

## SPECIFICATION

Inside screw.  
Non-rising stem.  
Bronze trim.  
Flanged to BS EN 1092-2 PN6.  
Also available flanged to BS10  
Table E Fig. 549E.

## DIMENSIONS AND WEIGHTS

Nom Size	mm	50	65	80	100	125	150	200	250	300
	in	2	2 1/2	3	4	5	6	8	10	12
A PN6	mm	150	170	180	190	200	210	230	250	270
A Table E	in	5 3/4	6 1/4	6 1/2	6 3/4	7 1/2	8 1/4	9 1/2	10 3/4	12
B	mm	202	222	250	303	351	411	498	579	680
C	mm	130	130	150	185	185	195	225	245	185
D PN6	mm	140	160	190	210	240	265	320	375	440
D Table E	in	6	6 1/2	7 1/4	8 1/2	10	11	13 1/4	16	18
Weight	kg	13	16	22	29	40	51	88	150	205



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