

Fig. M549 & 549E  
Cast Iron



### FEATURES & BENEFITS

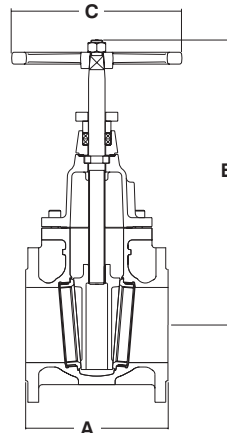
- Cast Iron with integral flanges
- Inside screw pattern with non-rising stem
- Ideal for use for non-corrosive and reasonably clean services
- Seat rings are threaded and securely fixed into the body



### MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Handwheel	Cast Iron	1561 EN-JL1030	A126 CI B
Gland	Cast Iron	1561 EN-JL1030	A126 CI B
Gland Packing	Expanded Graphite	-	-
Stuffing Box	Cast Iron	1561 EN-JL1030	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 DRAWING



### PRESSURE/ TEMPERATURE RATING

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

### TEST PRESSURES (HYDRAULIC)

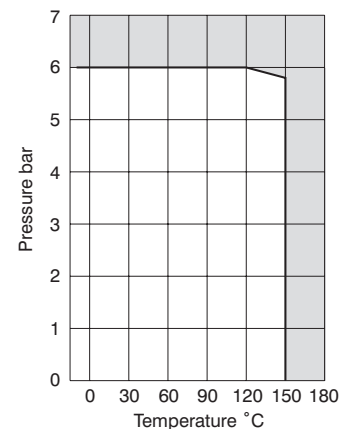
Shell: 9 bar  
Seat: 6.6 bar

### 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 & WEIGHTS

Nom Size	mm in	50 2	65 2 1/2	80 3	100 4	125 5	150 6	200 8	250 10	300 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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