

# Fig. M541 & 541E Cast Iron



## FEATURES & BENEFITS

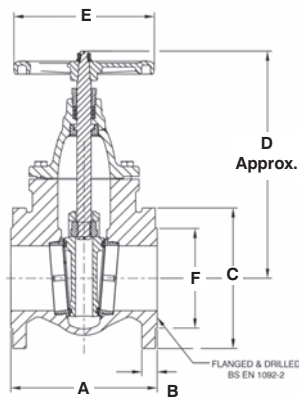
- Cast Iron with integral flanges
- Inside screw pattern with non-rising stem
- Bronze trim



## MATERIAL SPECIFICATION

Component	Material	Specification BS EN
Body	Grey Iron	1561 EN-JL1040
Bonnet	Grey Iron	1561 EN-JL1040
Disc	Grey Iron	1561 EN-JL1040
Body Seat Ring	Bronze	1982 (CC491K)
Disc Seat Ring	Bronze	1982 (CC491K)
Stem	Stainless Steel	970: 410S21
Gasket	Graphite	Graphite (Asbestos Free)
Gland Packing Nut	Stainless Steel	970: 304S31
Handwheel	Grey Iron	1561 EN-JL1040
Stem Retaining Ring	Stainless Steel	970: 304S31
Disc Stem Nut	Bronze	1982 (CC491K)
Packing Ring	Graphite	Graphite (Asbestos Free)
Handwheel Retaining Nut	Steel	4190 GR4
Handwheel Washer	Steel	4320
Body ID Plate (Not Shown)	Aluminium	-

## DIMENSIONAL DRAWING



## PRESSURE/ TEMPERATURE RATING

-10 to 120° C at 16 bar  
200°C at 12.8 bar

## TEST PRESSURES (HYDRAULIC)

Shell: 24 bar  
Seat: 17.6 bar

## SPECIFICATION

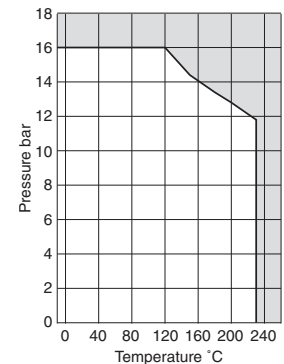
Complies with BS EN 1171:2002.  
Face-to-face dimensions to BS EN 558-1.  
Flanged to BS EN 1092-2 PN16.  
Wedge disc.  
Non-rising stem.  
Inside screw.  
Handwheel operated.

## OPTIONAL FEATURES

Flanges undrilled.  
Flanges drilled to BS10 available: Fig 541E.

## DIMENSIONS & WEIGHTS

Nom Size	mm	50	65	80	100	125	150	200	250	300
A	mm	178	190	203	229	254	267	292	330	356
B	mm	20	20	22	24	26	28	30	32	32
C	mm	165	185	200	220	250	285	340	405	460
D	mm	322	262	286	356	426	463	578	697	788
E	mm	190	190	190	220	300	300	350	400	400
F	mm	99	118	132	156	184	211	266	319	370
Weight	kg	20	18.7	23.9	37.6	50.7	63.8	104.3	169.6	241.6



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