

Fig. M541 & 541E Cast Iron



FEATURES & BENEFITS

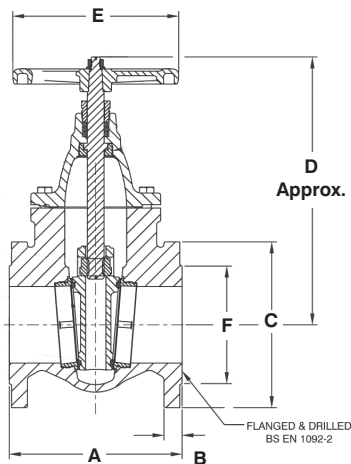
- Cast Iron with integral flanges
- Inside screw pattern with non-rising stem
- Bronze trim



MATERIAL SPECIFICATION

Component	Material	Specification BS EN
Body	Grey Iron	BS EN 1561 EN-JL 1040 (EN-GJL-250)
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

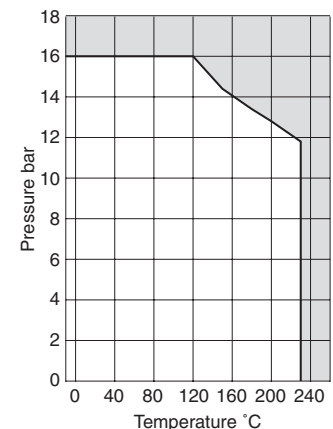
Complies with BS EN 1171:2002.
Face-to-face dimensions to BS EN 558-1.
Flanged to BS EN 1092-2 PN16.
Wedge disc.
Non-rising stem.
Inside screw.
Handwheel operated.

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



131119

Every effort has been made to ensure that the information contained in this publication is accurate at the time of publishing. Hattersley Ltd assumes no responsibility or liability for typographical errors or omissions or for any misinterpretation of the information within the publication and reserves the right to change without notice.