

Fig. M552 & 552E  
Cast Iron



FEATURES & BENEFITS

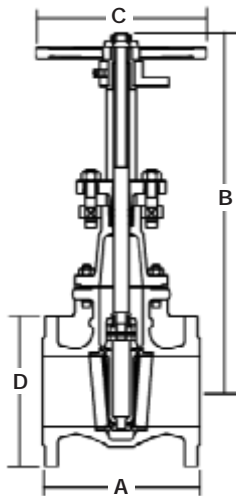
- Cast Iron with integral flanges
- Outside screw pattern with rising stem
- Ideal for use on more active media where fluid might have an adverse affect on thread
- Flanges ends require no pipe threading



MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Body	Cast Iron	1561 EN-JLI040	A126 CI B
Wedge	Cast Iron	1561 EN-JLI040	A126 CI B
Bonnet	Cast Iron	1561 EN-JLI040	A126 CI B
Yoke Joint	Cast Iron	1561 EN-JLI040	A126 CI B
Yoke Sleeve	Cast Bronze	1982 CC491K	B62 C83600
Bonnet Gasket	Asbestos Free	-	-
Wedge Nut	Brass	12164 CW614N	-
Stem	Steel	10087 11sMn30	A105
Stuffing Box	Cast Iron	1561 EN-JLI030	A126 CI B
Stuffing Box Gasket	Asbestos Free	-	-
Gland Follower	Ductile Iron	1563 EN-JSI040	-
Packing Gland	Brass	-	-
Handwheel	Cast Iron	1561 EN-JLI030	A126 CI B

DIMENSIONAL DRAWING



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	146	159	165	171	191	210	241	273	305
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 (Open)	mm	405	415	486	632	710	842	1100	1228	1373
C	mm	190	190	190	305	305	305	305	405	405
Weight	kg	14	18	25	34	48	59	91	157	210

PRESSURE/  
TEMPERATURE RATING

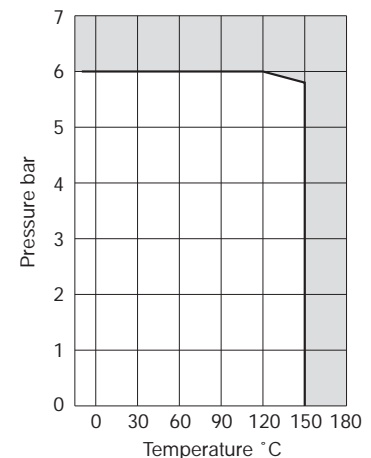
BS EN 1171: 2002 PN6  
6 bar at -10 to 120°C  
5.4 bar at 150°C

TEST PRESSURES  
(HYDRAULIC)

Shell: 9 bar  
Seat: 6.6 bar

SPECIFICATION

Outside screw.  
Rising stem.  
Bronze trim.  
Flanged to BS EN1092-2 PN6.  
Also available flanged to BS10 Table E Figure 552E.



0813\_V3 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.