

**Fig. 501**  
**Cast Iron**



**FEATURES & BENEFITS**

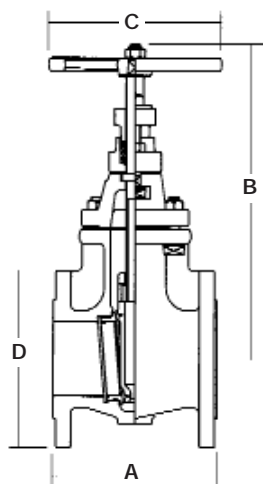
- Cast Iron with integral flanges
- Inside screw pattern with non-rising stem
- Ideal for use for non-corrosive and reasonably clean services
- Seat rings are threaded and securely fixed into the body



**MATERIAL SPECIFICATION**

Component	Material	Specification	
		BS EN	ASTM
Handwheel	Cast Iron	1561 EN-JLI030	A126 CI B
Gland	Cast Iron	1561 EN-JLI030	A126 CI B
Gland Packing	Graphite	-	-
Stuffing Box	Cast Iron	1561 EN-JLI030	A126 CI B
Stuffing Box Gasket	Graphite	-	-
Stem	Copper Alloy	12164 CW603N	B16 C36000
Bonnet	Cast Iron	1561 EN-JLI040	A126 CI B
Bonnet Gasket	Graphite	-	-
Wedge Nut	Bronze	1982 CC491K	B62 C83600
Wedge	Cast Iron	1561 EN-JLI040	A126 CI B
Wedge Facing Ring	Bronze	1982 CC491K	B62 C83600
Body Seat Ring	Bronze	1982 CC491K	B62 C83600
Body	Cast Iron	1561 EN-JLI040	A126 CI B

**DIMENSIONAL DRAWING**



**DIMENSIONS & WEIGHTS**

Nom Size	in	2	2 1/2	3	4	5	6	8	10	12
A	in	7	7 1/2	8	9	10	10 1/2	11 1/2	13	14
B	in	11	12 1/2	13 1/2	15 1/4	18	20	25	29	35
C	in	7	7	8	10	12	12	14	16	18
D	in	6	7	7 1/2	9	10	11	13 1/2	16	19
Weight	kg	20	25	29	48	65	80	126	179	205

**PRESSURE/ TEMPERATURE RATING**

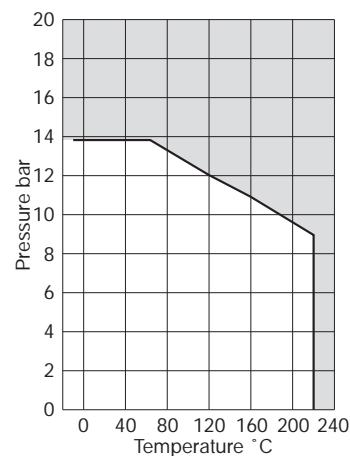
13.8 bar at -10 to 65°C  
8.6 bar at 232°C

**TEST PRESSURES**

Each valve is individually hydrostatically tested to MSS SP-70 at the following test pressures.  
Shell: 24.1 bar  
Seat: 15.2 bar

**SPECIFICATION**

Face to face dimensions.  
ANSI B16.10 & basic BS EN 558-2 Series 3.  
Inside screw.  
Flanged to ANSI B16.1 Class 125 and BS 1560 3.2.  
Bronze trim.  
Complies with MSS SP-70 Class 125 and BS5150 ANSI 125.



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.