

Fig. 501
Cast Iron



FEATURES & BENEFITS

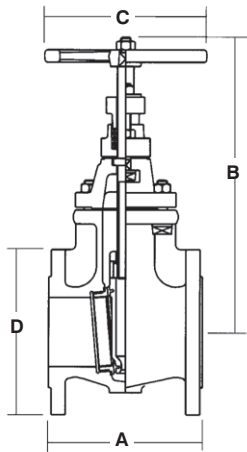
- Cast Iron with integral flanges
- Inside screw pattern with non-rising stem
- Ideal for use for non-corrosive and reasonably clean services
- Seat rings are threaded and securely fixed into the body



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
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

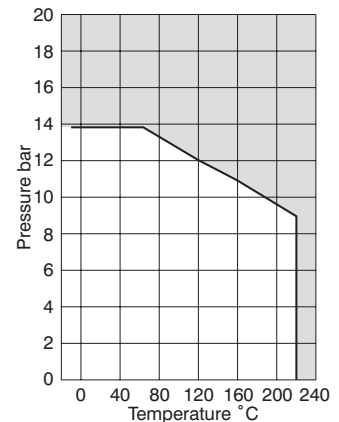
13.8 bar at -10 to 65°C
8.6 bar at 232°C

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.
Generally complies with MSS SP-70 Class 125 and BS5150 ANSI 125.



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