

Fig. 504
Ductile Iron

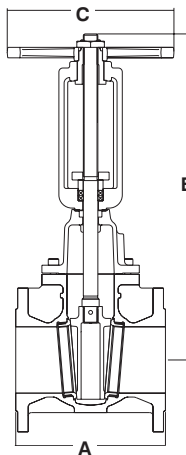


FEATURES & BENEFITS

- Ductile 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



DIMENSIONAL DRAWING



DIMENSIONS & WEIGHTS

Nom Size	in	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
A	mm	178	190	208	229	254	267	292	330	366	381	406	432	457	508
B (Open)	mm	405	415	486	632	710	842	1100	1228	1373	1595	1900	2210	2600	2650
C	mm	191	191	191	305	305	305	305	400	457	508	558	610	610	760
Weight	kg	24	26	29	50	71	88	136	198	268	310	440	530	655	780

MATERIAL SPECIFICATION

Component	Valve Size	Material	Specification	
			BS EN	ASTM
Handwheel	2" - 12"	Cast Iron	1561 EN-JL1040	A126 Class B
Handwheel	14" - 24"	Ductile Iron	1563 EN-JS1040	A126 Class B
Handwheel Nut	All	Ductile Iron	1563 EN-JS1040	A126 Class B
Yoke Bushing	2" - 12"	Bronze	1982 CC491K	B62 C83600
Yoke Bushing	14" - 24"	Brass	12164 CW603N	B16 C36000
Yoke	2" - 5"	Part of Bonnet		
Yoke	6" - 12"	Cast Iron	1561 EN-JL1040	A126 Class B
Yoke	14" - 20"	Ductile Iron	1563 EN-JS1040	A126 Class B
Yoke	24"	Ductile Iron	1563 EN-JS1050	A536 80-55-06
Gland Flange	2" - 12"	Cast Iron	1561 EN-JL1040	A126 Class B
Gland Flange	14" - 20"	Ductile Iron	1563 EN-JS1040	A126 Class B
Gland Flange	24"	Ductile Iron	1563 EN-JS1050	A536 80-55-06
Gland	2" - 12"	Part of Gland Flange		
Gland	14" - 24"	Brass	12164 CW603N	B16 C36000
Gland Packing	All	Graphite	-	-
Stem	All	Brass	12164 CW603N	B16 C36000
Bonnet	2" - 12"	Cast Iron	1561 EN-JL1040	A126 Class B
Bonnet	14" - 20"	Ductile Iron	1563 EN-JS1040	A126 Class B
Bonnet	24"	Ductile Iron	1563 EN-JS1050	A536 80-55-06
Bonnet Gasket	All	SS + Graphite	-	-
Wedge	2" - 12"	Cast Iron	1561 EN-JL1040	A126 Class B
Wedge	14" - 24"	Ductile Iron	1563 EN-JS1040	A126 Class B
Wedge Facing Ring	All	Bronze	1982 CC491K	B62 C83600
Body Seat Ring	All	Bronze	1982 CC491K	B62 C83600
Body	2" - 12"	Cast Iron	1561 EN-JL1040	A126 Class B
Body	14" - 20"	Ductile Iron	1563 EN-JS1040	A126 Class B
Body	24"	Ductile Iron	1563 EN-JS1050	A536 80-55-06

PRESSURE/TEMPERATURE RATING

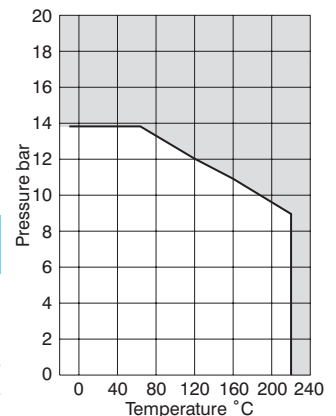
BS EN 1092-2 Class 125
13.8 bar from -10 to 65°C
8.6 bar at 232°C

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

BS 5150:1990 ANSI 125.
Face to face dimensions ANSI B16.10.
Outside screw.
Rising stem.
Bronze trim.
Flanged to ANSI B16.1 Class 125.
Generally complies with MSS SP-70 Class 125.



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