

**Fig. 731**  
**Cast Iron**

**FEATURES AND BENEFITS**

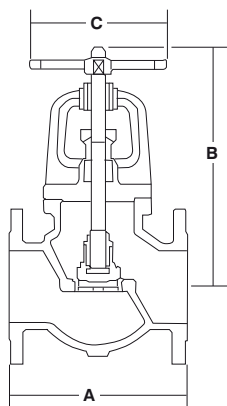
- Valve body is made of high grade cast iron and has integral flanges
- Supplied with asbestos free gland packing and gaskets
- Outside screw pattern with rising stem
- Ideal for use on more active media where fluid might have an adverse effect on thread



**MATERIAL SPECIFICATION**

Component	Material	Specification	
		BS EN	ASTM
Handwheel	Cast Iron	1561 EN-JL1030	A126 CIB
Yoke Bush	Bronze	1982 CC491K	B62 C83600
Stem	Brass	12164 CW603R	B16 C36000
Gland Flange	Ductile Iron	1563 EN-JS1030	A536 65-45-12
Gland Follower	Bronze	1982 CC491K	B62 C83600
Gland Packing	Graphite		
Bonnet	Cast Iron	1561 EN-JL1040	A126 CIB
Bonnet Gasket	Graphite		
Disc Stem Nut	Bronze	1982 CC491K	B62 C83600
Disc	Bronze	1982 CC491K	B584 C83600
Body Seat Ring	Bronze	1982 CC491K	B584 C83600
Body	Cast Iron	1561 EN-JL1040	A126 CIB

**DIMENSIONAL DRAWINGS**



**DIMENSIONS AND WEIGHTS**

Nom Size	mm	50	65	80	100	125	150	200	250	300
A	mm	203	216	241	292	330	356	495	622	698
B (open)	mm	259	300	318	402	419	479	537	640	733
C	mm	178	178	200	254	300	300	348	400	457
Weight	kg	16	21	26	44	62	83	141	221	295

**PRESSURE/TEMPERATURE RATING**

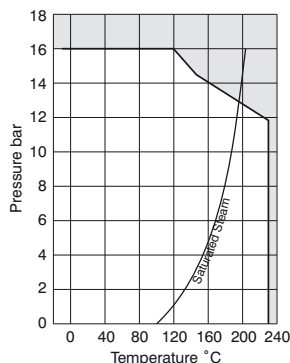
16 bar from -10 to 120°C  
11.8 bar at 230°C

**TEST PRESSURES (HYDRAULIC)**

Body: 24 bar  
Seat: 17.6 bar

**SPECIFICATION**

BS EN 13789:2010.  
Face to face dimensions BS EN 588-1 basic series 10.  
Cast iron body and bonnet.  
Outside screw, rising stem.  
Bronze trim.  
Sizes DN125 to DN300 have a centre guided disc.  
Handwheel operated.  
Flanged to BS EN 1092-2 PN16.  
Also available flanged BS 5152 ANSI 125 figure 731 ANSI.



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