



Class 125

BS 5153
MSS.SP-71

F493
Bronze trim

F500
All iron



Cast Iron Check Valves

Flanged ANSI

SWING PATTERN • METAL FACED DISK
PRESSURE/TEMPERATURE RATINGS

Temperature (°C)	-10 to 65	100	120	140	150	160	180	200	220	230
Pressure (bar)	13.8	12.7	12.1	11.6	11.4	10.8	10.3	9.8	8.9	8.6
Temperature (°F)	0 to 150	200	250	300	350	350	400	400	450	450
Pressure (lbf/in ²)	200	190	175	165	165	150	150	140	140	125

TESTING

Each valve hydrostatically tested to BS 5153.

SPECIFICATION

D493 Bronze trim - Sizes 50 to 300mm (2 to 12 inch) Flanged ANSI Class 125.

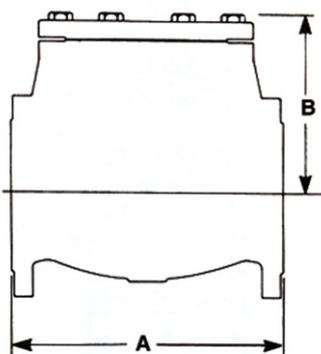
F5000 All iron - Sizes 50 to 200mm (2 to inch) Flanged ANSI Class 125.

Valves are manufactured in accordance with BS 5153 and also meet the requirements of MSS.Sp-71. End Flanges Conform to BS 1560 Section 3.2/ANSI B16.1 Class 125 with flat face and are normally supplied drilled.

TRIM MATERIALS

Part	Sizes	F493	F500
Disk	All	Cast iron with bronze facing	Cast iron with bronze facing
Body seat ring	All	Bronze	Ductile iron
Hinge pin	50 to 100	Stainless steel, Type 304	
	125 to 300	13% Chromium steel, Type 410	
Hinge pin bushes	All	Bronze	Steel

Material specification references and details of materials for shell and other components are given on pages 8 to 11



DIMENSIONS AND WEIGHTS

Size mm	A mm	B mm	Wt Kg
50	203	113	11.3
65	216	126	15.6
80	241	136	19.3
100	292	153	26.6
125†	330	186	44.0
150	356	207	55.5
200	495	250	119.0
250†	622	352	175.0
300†	698	397	263.0

