

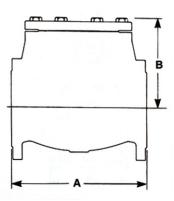
Class 125

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	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	3	00	350	40	00	450
Pressure (Ibf/in²)	200		190	175	1	65	150	14	.0	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	Cast iron with bronze		
		facing	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

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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				

