

## F493 Class 125

### Cast Iron Check Valve

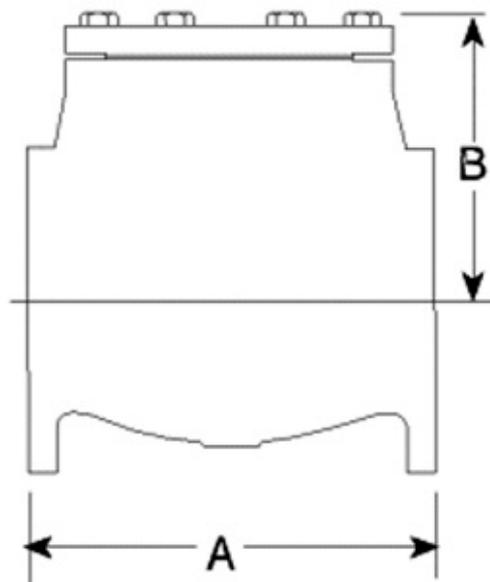
The F493 is a swing check valve with a Bronze trim. Each valve is manufactured to BS 5153:1974

### Materials

PART	MATERIAL	SIZES
Body	Cast Iron BS EN 1561 GJL-250	All
Cap	Cast Iron BS EN 1561 GJL-250	All
Disc	Cast Iron BS EN 1561 GJL-250	All
Body Seat Ring	Bronze BS EN 1982 CC491K	All
Disc Ring	Bronze BS EN 1982 CC491K	All
Hinge Pin Bush	Bronze BS EN 1982 CC491K	All
Hinge Pin Plug	Bronze BS EN 1982 CC491K	All
Hinge Pin	Stainless Steel Type 304	2 - 4
Hinge Pin	13% Cr.Steel AISI Type 410	5 - 12
Cap Bolts	Steel BS3692 Gr.8.8	All
Cap Bolts Nuts	Steel BS3692 Gr.8	All
Gasket	Asbestos Free	All
Body Plate	Aluminium	All



### Dimensional Drawing



### Dimensions and Weights

SIZE	WEIGHT (kg)	A (mm)	B (mm)
2 <sup>1/2</sup>	11.3	203	113
2 <sup>1/2</sup>	15.6	216	126
3 <sup>1/2</sup>	19.3	241	136
4 <sup>1/2</sup>	26.6	292	153
5 <sup>1/2</sup>	44	330	186
6 <sup>1/2</sup>	55.5	356	207
8 <sup>1/2</sup>	119	495	250
10 <sup>1/2</sup>	175	622	352
12 <sup>1/2</sup>	263	698	397

### Pressure/Temperature Ratings

TEMPERATURE (°C)	-10 to 65	150	230
PRESSURE (BAR)	13.8	11.4	8.6

Intermediate pressure ratings shall be determined by interpolation

**PRESSURE RATING:** Class 125

**US END CONNECTION:** ANSI Class 125

**OPERATOR:** Swing Check Valve

### SPECIFICATION:

Valves are manufactured in accordance with BS 5153: 1974 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.

This valve is not suitable for use on group 1 gasses or unstable fluids, as defined by the Pressure Equipment Directive 97/23/EC.

Temperature operating range: -10 to 230°C.