

F493

Cast Iron Swing Check Valve

Class 125

F493



GENERAL VALVES

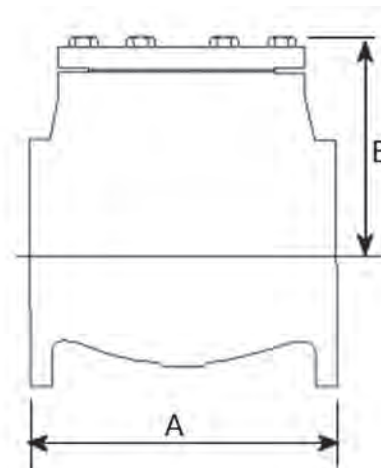
Features & Benefits

- The F493 is a swing check valve with a Bronze trim
- 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 BS 3692 Gr.8.8	All
Cap Bolts Nuts	Steel BS 3692 Gr.8	All
Gasket	Asbestos Free	All
Body Plate	Aluminium	All

Dimensional Drawing



Dimensions & Weights

SIZE (inch)	WEIGHT (kg)	A (mm)	B (mm)
2	11.3	203	113
2½	15.6	216	126
3	19.3	241	136
4	26.6	292	153
5	44	330	186
6	55.5	356	207
8	119	495	250
10	175	622	352
12	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

TEMPERATURE OPERATING RANGE: -10 to 230°C

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 gases or unstable fluids, as defined by the Pressure Equipment Directive 2014/68/EU.*

* See page 159 for more information