



SR NO.	PART LIST
1	BODY
2	SEAT RING
3	DISK
4	WASHER
5	SPLIT PIN
6	DISK NUT
7	HINGE
8	HINGE PIN
9	LOCK NUT
10	BRACKET NUT
11	BEARING BRACKET
12	GASKET
13	COVER
14	STUD & NUT

SWING CHECK VALVE FLANGED ENDS

SWING CHECK VALVES

SWING CHECK VALVES: A basic swing check valve consists of a valve body, a bonnet, and a disk that is connected to a hinge. The disk swings away from the valve-seat to allow flow in the forward direction, and returns to valve-seat when upstream flow is stopped, to prevent backflow.

The disc in a swing type check valve is unguided as it fully opens or closes. There are many disk and seat designs available, in order to meet the requirements of different applications. The valve allows full, unobstructed flow and automatically closes as pressure decreases. These valves are fully closed when flow reaches zero, in order to prevent backflow. Turbulence and pressure drop in the swing check valve are very low.

Size Range – 15mm to 300mm

Pressure Range -PN10, PN16, PN40, PN63, PN100

Pressure Range – 150# to 600#

Manufacturing Standard – DIN, JIS, ASME, IS, EN Connections End: Flanged, Screwed, Butt Weld, Socket Weld

Materials : NES747, LG4C, CC492K, CC491K, WCB, CF8, CF3, CF8M, CF3M, CN7M,

All Grades of Gun Metal & Bronze

Special Exotic Material – Duplex, Super Duplex, Hastalloy, Monel, Inconel

Inspection Agencies – Lloyd's Register ABS, BV, DNV, IRS, RINA, IRS etc