

# Model 305 Flanged Swing Check Valve

UL Listed Sizes 2 1/2" to 8"

## Features

Compact, cost effective valve offering low pressure - drop, non slam performance.

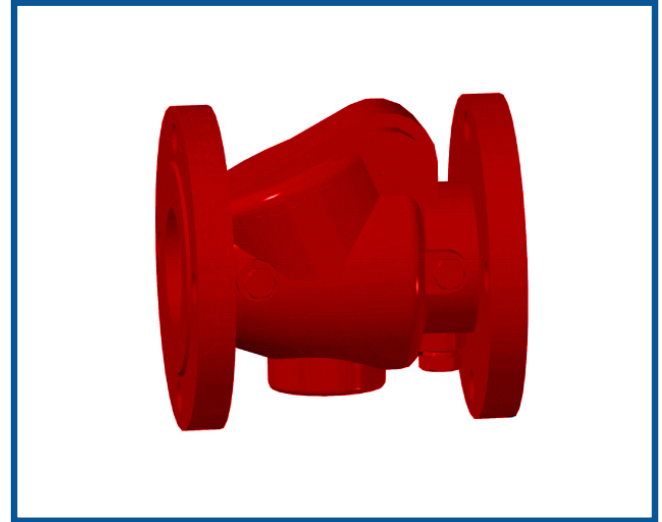
Lighter and faster to install than flanged and wafer valve assemblies.

In the full-open position the swing clapper is held tightly against the valve body, out of flow stream, to provide maximum flow area and prevent clapper flutter. The clapper design allows quick, non-slam closure before flow reversal can occur, meeting the requirements for an anti-water hammer valve rating.

Each valve is hydrostatically tested for leak tightness to 34.5 bar. The clapper seat design permits leak free sealing of back pressures in service conditions ranging from 24 bar to as low as 0.35 bar (710mm water head.)

Suitable for installation in horizontal or vertical pipelines. Hinge pin must be aboved the centreline when mounted horizontally.

Option of PN-16, ANSI-125 and ANSI-150 available.

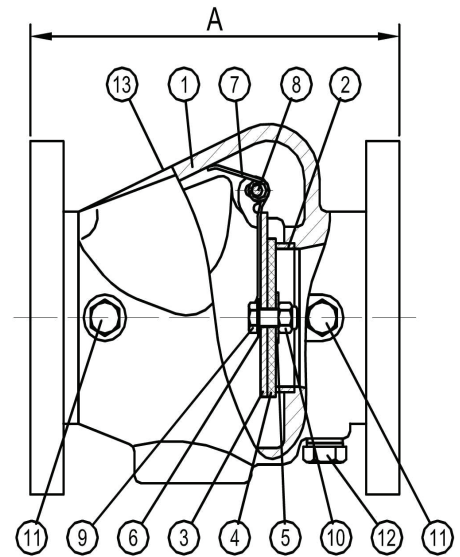


## Maximum Service Pressure

350 psi/ 24 bar

## Material Specification

Part Name	Specification
Body	Ductile Iron ASTM A 536
Seat	Bronze
Clapper	Stainless Steel 304
Facing Seal	EPDM Rubber
Clamping Ring	Stainless Steel 304
Gasket	EPDM Rubber
Spring	Stainless Steel 304
Hinge Pin	Stainless Steel 304
Bolt	Stainless Steel 304
Locknut	Stainless Steel 304
Plug 1/4" NPT	Carbon Steel
Plug 1/2" NPT	Carbon Steel



## Dimensions

Size		A		Weight	
in.	mm	in.	mm	lbs	kg
2	DN50	6.65	169	14	6.5
2 1/2	DN65	7.20	183	20	9.2
3	DN80	7.80	198	27	12.2
4	DN100	8.58	218	42	19
5	DN125	9.76	248	57	26
6	DN150	10.63	270	70	32
8	DN200	12.80	325	123	56