

# SWING CHECK VALVE

## PRODUCT RANGE

<b>Size</b>	15 mm - 40 mm (Lift Type) 50 mm - 300 mm (Swing Type)
<b>Material</b>	Cast Steel - ASTM A216 Gr. WCB SS304 - ASTM A351 Gr. CF8 SS316 - ASTM A351 Gr. CF8M
<b>End Connection</b>	Flange End ASA 150# / 300# Butt Weld End

## APPLICABLE STANDARDS

<b>Design Std. (Swing)</b>	BS 1868
<b>Design Std. (Lift)</b>	API 602
<b>Face to Face</b>	ASME B16.10
<b>Flange End</b>	ASME B16.5, RF
<b>Butt Weld End</b>	ASME B16.25
<b>Pressure /Temp Rating</b>	ASME B 16.34
<b>Test Standard</b>	API 598

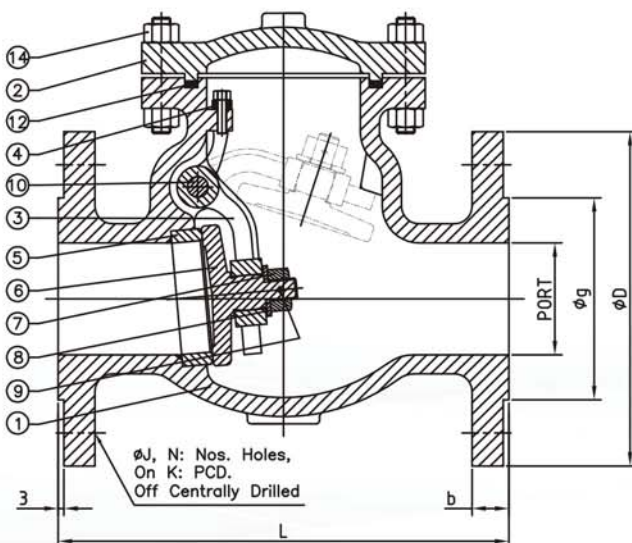
## DESIGN FEATURES

- Swing Type / Lift Type
- Bolted Cover
- Hardface CA 15 / Stellite Seat
- Swing Type , Anti Rotation Disc
- Renewable Seat Rings
- Horizontal / Vertical Service
- SS304L / SS316L MOC



## TEST PRESSURE

Rating	Body	Seat	Pneumatic
150#	32 kg./cm <sup>2</sup>	23 kg./cm <sup>2</sup>	7 kg./cm <sup>2</sup>
300#	79 kg./cm <sup>2</sup>	58 kg./cm <sup>2</sup>	7 kg./cm <sup>2</sup>



P. NO.	PART NAME	MATERIAL		
		CAST STEEL	SS304	SS316
1	Body	A216 Gr. WCB	A351 Gr. CF8	A351 Gr. CF8M
2	Cover	A216 Gr. WCB	A351 Gr. CF8	A351 Gr. CF8M
3	Hinge	A216 Gr. WCB	A351 Gr. CF8	A351 Gr. CF8M
4	Bracket	A216 Gr. WCB	A351 Gr. CF8	A351 Gr. CF8M
5	Seat Ring	CA15/WCB+13% Cr	SS304	SS316
6	Disc	CA15/WCB+13% Cr	SS304 / CF8	SS316 / CF8M
7	Disc Nut	AISI 410	AISI 304	AISI 316
8	Disc Washer	AISI 410	AISI 304	AISI 316
9	Cotter Pin	AISI 410	AISI 304	AISI 316
10	Hinge Pin	AISI 410	AISI 304	AISI 316
11	Plug	AISI 410	SS 304	SS 316
12	Cover Gasket	Spiral Wound SS304+ Graphoil Filler		
13	Cover Studs	A193 Gr. B7	A193 Gr. B8	A193 Gr. B8M
14	Cover Nuts	A194 Gr. 2H	A194 Gr. 8	A194 Gr. 8M
15	Eye Bolt	CS	CS	CS

## SWING CHECK VALVE FLANGE END ASA 150#

SIZE	PORT	L	ØD	b	Øg	ØJ	N	K:PCD
40	38	165	125	14.7	73.0	15.9	4	98.0
50	51	203	150	16.3	92.1	19.1	4	120.7
65	64	216	180	17.9	104.8	19.1	4	139.7
80	76	241	190	19.5	127.0	19.1	4	152.4
100	102	292	230	24.3	157.2	19.1	8	190.5
125	127	330	255	24.3	185.7	22.2	8	215.9
150	152	356	280	25.9	215.9	22.2	8	241.3
200	203	495	345	29.0	269.9	22.2	8	298.5
250	254	622	405	30.6	323.8	25.4	12	362.0
300	305	698	485	32.2	381.0	25.4	12	431.8