

SWING CHECK VALVE CSW-65

Pmax: 16bar | Wafer | DN40 – DN600

STAINLESS STEEL WAFER SWING CHECK VALVE with FKM



APPLICATION

General purpose industrial installation compatible with the valve type, for chemical and pharmaceutical industries, petrochemical industries, heating and water and hydraulic installation

FEATURES

Stainless steel body and disc with FKM seat
Wafer swing check valve type with short length and with a removable hoisting eye for easy installation

GENERAL CHARACTERISTICS

Range: DN40 – DN300 (standard) and optional up to DN600	Integrated body gasket
Wafer swing check valve	Short length
Between flanges PN10/16 up to DN150,	Assembling: Horizontal
PN16 over and Class 150 (PN20) from DN100 to 600	or Vertical position with ascending fluid.
Monobloc disc and stem for a better mechanical strength	Respect the flow direction indicated by the arrow

STANDARDS

Manufacturer certified ISO 9001 : 2015 and ISO 14001 : 2015	Designing according to API 594 and EN 16767
Pressure tests according to API 598, table 6	Length according to EN 558 series 97 (NF 29377)
DIRECTIVE 2014/68/UE:	Between flanges according to EN 1092-1
- Risk category III, CE0035 marking	from DN40 to DN300 PN10/16
	from DN350 to DN600 PN10

Certificate 3.1 on request

WORKING CONDITIONS

Maximum Working Pressure:
16 bar range DN40 – DN300 and **10 bar** range DN350 – DN600
Working Temperature:- 10°C / +180°C.

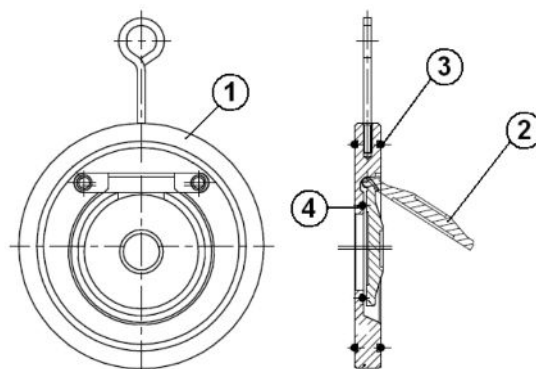
Max Speed: 3m/s
Do not use with pulsatory speed

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CONSTRUCTION

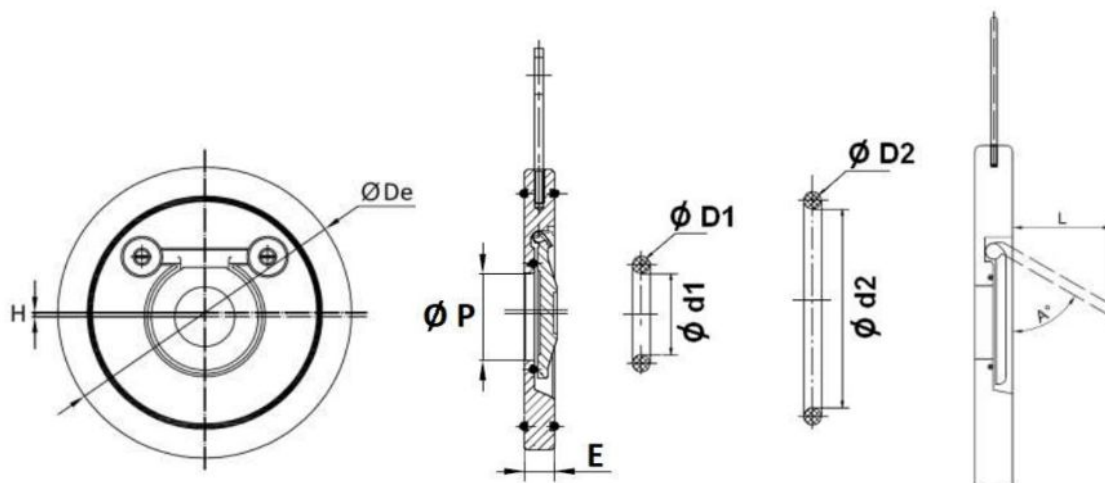
item	Part	Material
1	Body	ASTM A351 CF8M
2	Disc	ASTM A351 CF8M
3	Seat	FKM
4	Gasket	FKM
Id marking		CSW65-xxx.177HY PN16



xxx – dimension type f.g. DN40= 040, DN150 = 150

NOTE! „id marking” is not complete. In case of fully id please send the inquiry to email: info@mixflow.com.pl

Overall dimensions DN40 – DN300 [mm]



DN	E	Ø De	H	Ø P	L	A (°)	Ø d2	Ø D2	Ø d1	Ø D1	Weight (Kg)
40	14	94	1	19	25.3		70.1	3.8	21.6	3	0.69
50	14	109	1	27	33.7	65	80.7	3.8	29.3	3	0.86
65	14	129	2	28	42.1	65	100.2	3.8	34.8	3	1.2
80	14	144	3	43.5	54.2	60.4	107.8	3.8	48.7	3	1.49
100	18	164	3	60	72.1	62.9	134.8	3.8	62.9	3.8	2.42
125	18	194	5	83.5	92.9	62.7	158	3.8	84.8	3.8	3.29
150	20	220	5	100	111.9	65.4	186	3.8	101.5	3.8	4.72
200	22	275	5	141	150.3	61.5	240.1	3.8	144	3.8	7.92
250	26	331	6	179	190.5	63.4	284.4	3.8	181.6	3.8	13.73
300	32	386	10	212	228.1	67.8	328	6	216.4	6	21.04

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FLOW COEFFICIENT Kvs (m³/h)

DN	40	50	65	80	100	125	150	200	250	300
Kvs (m ³ /h)	21.88	44.72	46.72	117.89	226.23	453.44	649.86	1322.6	2147.4	2993.2

INSTALLATION POSITIONS

Assembling: Horizontal or Vertical position with ascending fluid.

