

CAST IRON SWING CHECK VALVE FLANGED PN16 with metal seat



APPLICATION

Heating, water distribution and watering and others common liquids of 2nd group

FEATURES

Flange swing check type with ductile iron body graphite bonnet gasket

GENERAL CHARACTERISTICS

Range from DN40 – DN300
R.F flanges PN16
Graphite bonnet gasket.

Painting Alkyde RAL 7011 grey color, 90 µm thickness

Brass seat
Bolted bonnet for an easy maintenance
Assembling: Vertical position with ascendant fluid
or horizontal position
Respect the flow direction indicated by the arrow

STANDARDS

Manufacturer certified ISO 9001: 2015
DIRECTIVE 2014/68/EU : Products excluded (article 4, § 3)
Design according to DIN EN 1233
Pressure tests according to EN 12266-1, Rate C

PN16 R.F. flanges according to EN 1092-2
Length according to EN 558 series 48 (DIN 3202 F6)
Certificate 3.1 on request

WORKING CONDITIONS

Maximum Working Pressure: 16 bar
Working Temperature:- 10°C / +120°C

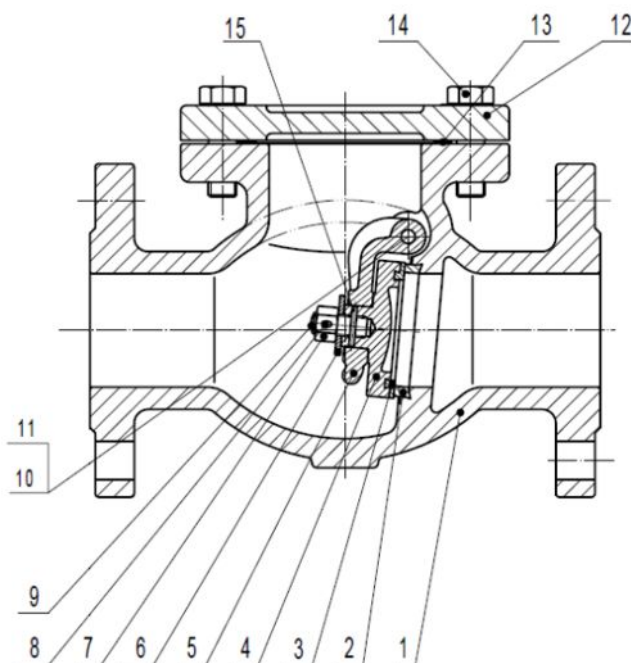
Max Speed : 3 m/s
Do not use with pulsatory speed

CAST IRON SWING CHECK VALVE CSF-60

Pmax: 16bar | Flange PN16 | DN40 – DN300

CONSTRUCTION

item	Part	Material
1	Body	Cast iron EN GJL-250
2	Seat ring	Brass
3	Disc ring	Brass
4	Disc	Cast iron EN GJL-250
5	Hanger	Ductile iron EN GJS-400-15
6	Washer	Steel
7	Nut	Steel
8	Split Pin	AISI 304
9	Disc screw	Steel
10	Hexagon plug	Brass
11	Hanger pin	AISI 304
12	Bonnet	Cast iron EN GJL-250
13	Bonnet gasket	Graphite
14	Bonnet screw	Steel
15	Pin	AISI 304
Id marking		CSF60-xxx.111ZY PN16

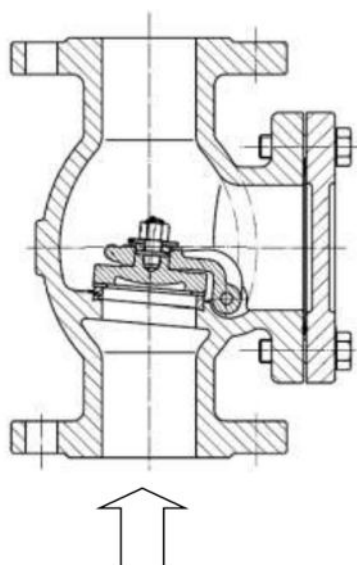


xxx – dimension type f.g. DN50 = 050F, DN200 = 200F

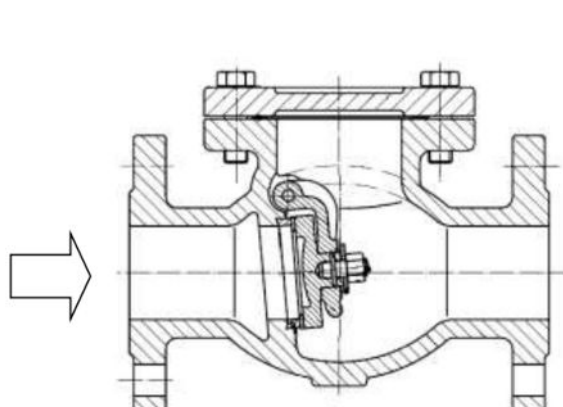
NOTE! „id marking” is not complete. In case of fully id please send the inquiry to email: info@mixflow.com.pl

INSTALLATION POSITIONS

Vertical position (ascendant fluid)



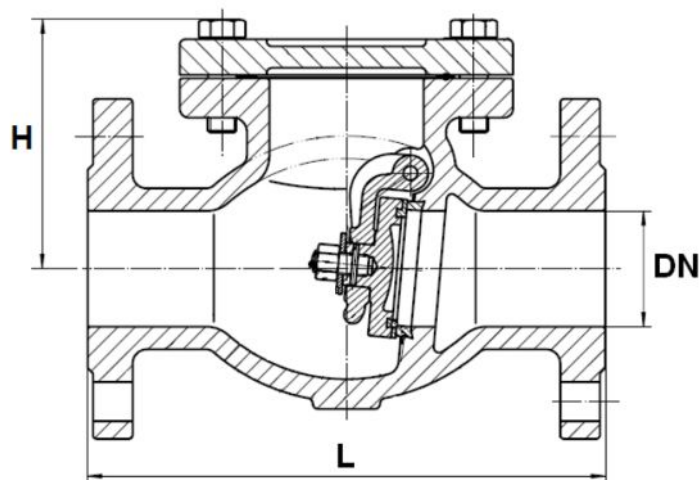
Horizontal position



CAST IRON SWING CHECK VALVE CSF-60

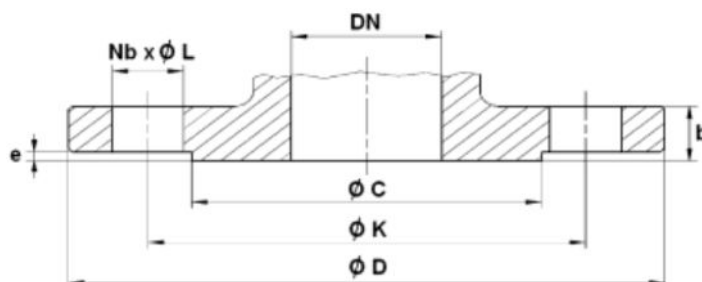
Pmax: 16bar | Flange PN16 | DN40 – DN300

Overall dimensions [mm]



DN	40	50	65	80	100	125	150	200	250	300
L	180	200	240	260	300	350	400	500	600	700
H	109	112	132	141	162	192	211	270	316	357
Weight (Kg)	8.5	11.2	15.5	19	28.5	42.2	57	93	159	215

FLANGES SIZE [mm]



PN	10/16	10/16	10/16	10/16	10/16	10/16	10/16	16	16	16
DN	40	50	65	80	100	125	150	200	250	300
Ø C	84	99	118	132	156	184	211	266	319	370
Ø D	150	165	185	200	220	250	285	340	405	460
Ø K	110	125	145	160	180	210	240	295	355	410
Nb x Ø L	4 x 19	4 x 19	4 x 19	8 x 19	8 x 19	8 x 19	8 x 23	12 x 23	12 x 28	12 x 28
b	18	20	20	22	24	26	26	30	32	32
e	3	3	3	3	3	3	3	3	3	4

CAST IRON SWING CHECK VALVE CSF-60

Pmax: 16bar | Flange PN16 | DN40 – DN300

FLOW COEFFICIENT Kvs (m³/h)

DN	50	65	80	100	125	150	200	250	300
Kvs (m ³ /h)	21,5	38	76	115	213	328	578	1226	2318

HEAD LOSS GRAPH

