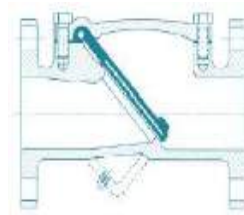
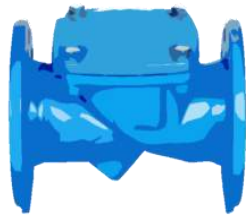

SWING CHECK VALVE

EN 1074 - 3 : 2004

Flanged Ends DN40 - DN300

I - VALVE^R



SWING Check Valve is designed to prevent reverse flow automatically. During system flow conditions, the movement of the fluid forces the valve disc to the open position allowing 100% un-restricted flow area through the valve. Under reverse flow conditions, the disc automatically returns to the closed position to prevent reverse flow. The valve is of the swing check type utilizing an angled seat and fully encapsulated, resilient disc.

- Face to face lengths in accordance with EN558-1
- Flanges are drilled to EN 1092-2 PN10/16
- Pressure Rate: PN10/16
- Test: Body test 1.5 X PN, Seal test 1.1 X PN
- Coating: Fusion bonded epoxy coating
- Medium: Drinking water, Neutral water, Sewage
- Temperature Range: 0°C - 80°C

- Body and cover: Ductile iron EN-GJS_500/7,
- Body and cover bolts: stainless steel 304 (No.1.43.01)
- 100% flow area, full waterway for low headloss
- Rubber seated, 100% water tightness
- Horizontal or vertical installation
- 100% testing before packing & delivery

- The cover is removable and allow removal of the flexible disc without removing the valve from the line.

- The flexible disc is one-piece and precision molded with WCB steel and Nylon reinforcement and an integral O-ring style seat for drop tight seating at low pressure.

- The valve is designed to have a 45 degree angle to minimize closure time.

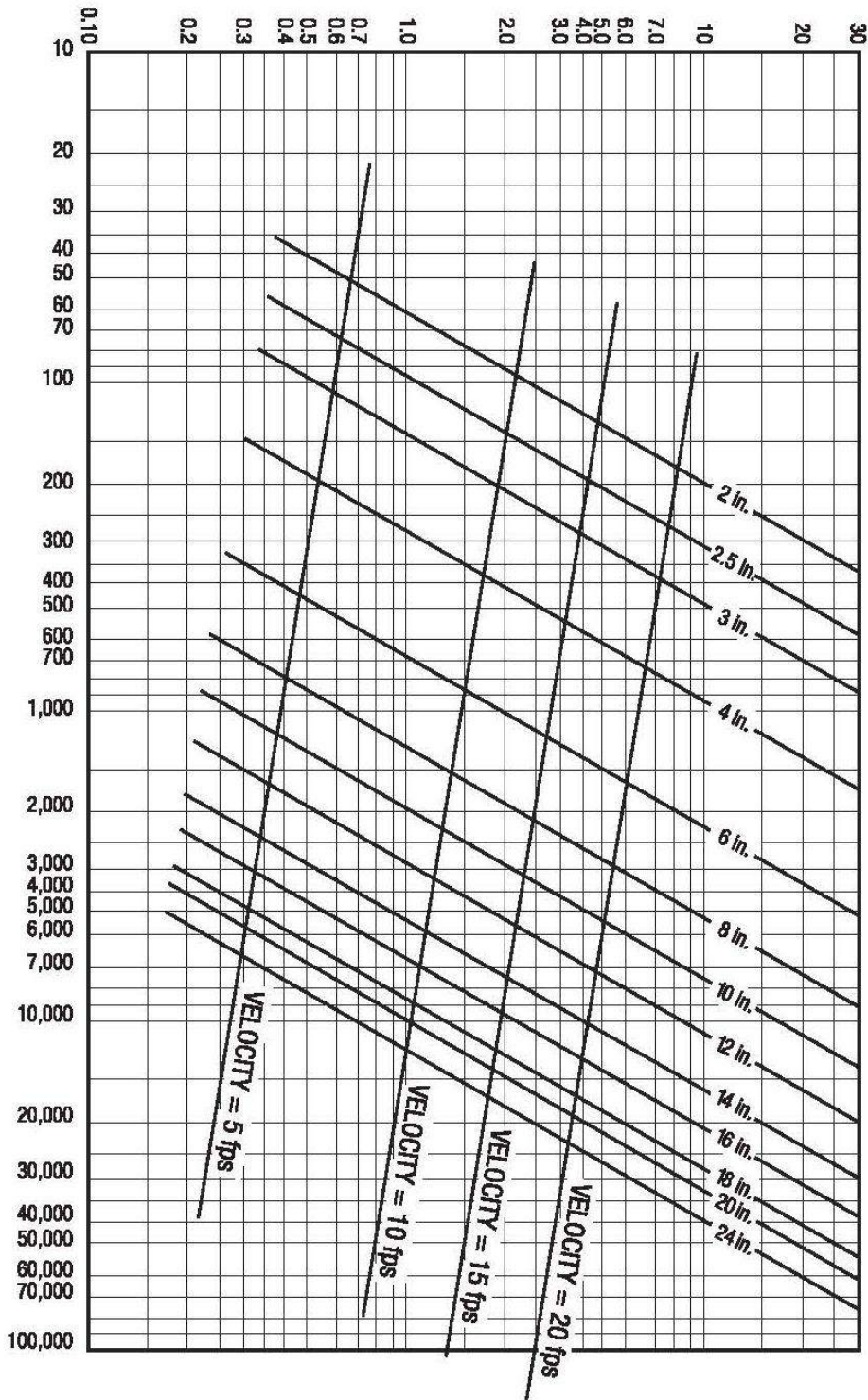
SWING CHECK VALVE

EN 1074 - 3 : 2004

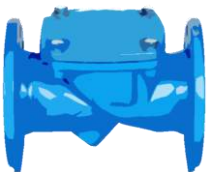
Flanged Ends DN40 - DN300

I-VALVE[®]

HEAD LOSS IN FEET OF WATER



FLOW OF WATER IN GALLONS PER MINUTE



SWING CHECK VALVE

EN 1074 -3 : 2004

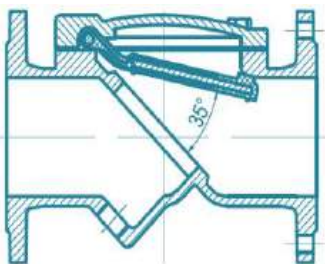
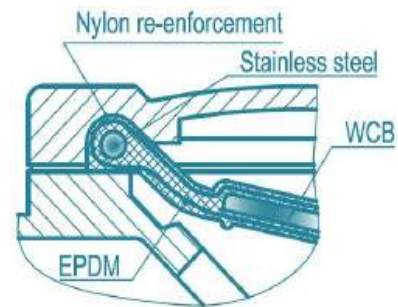
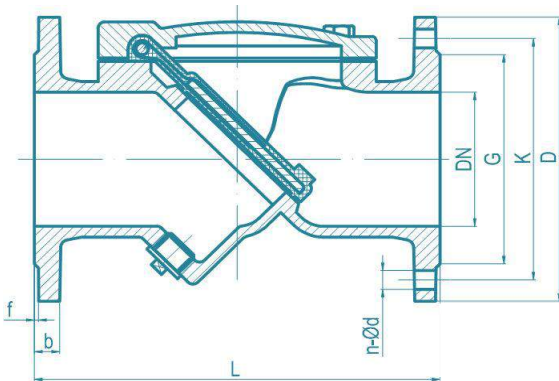
Flanged Ends DN40 - DN300

I - VALVE^R



Standard Materials:

Body, Cover,	Ductile cast iron EN - GJS_500/7
Disc	WCB encapsulated with EPDM rubber
Shaft	WCB
Cover Bolts	Stainless steel 304 (No.1.4301)
Bonnet Gasket	EPDM rubber
Plug	Stainless steel 304 (No.1.4301)



Size	L	D	K	b	f	n-d
DN50	200	165	125	19	3	4-Φ19
DN65	240	185	145	19	3	4-Φ19
DN80	260	200	160	19	3	8-Φ19
DN100	300	220	180	19	3	8-Φ19
DN125	350	250	210	19	3	8-Φ19
DN150	400	285	240	19	3	8-Φ23
DN200	500	340	295	20	3	8-Φ23 / 12-Φ23
DN250	600	395 / 405	350 / 355	22	3	12-Φ23 / 12-Φ28
DN300	700	445 / 460	400 / 410	24.5	4	12-Φ23 / 12-Φ28

* sizes not available currently

D: outer flange dimension

K: center-to-center spacing

n-d: number of flange holes and bore diameter