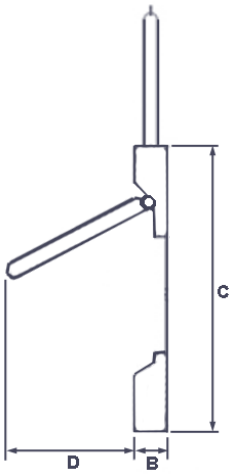


JV080009

Stainless Steel
EPDM Seals
Swing Type
Check (Non-Return) Valve

Multi-Flange Wafer Type

DN40-80 - PN10/16/25/40, ANSI 300
DN100-150 - PN10/16
DN200-400 - PN16

An economic stainless steel swing type check valve suitable for water applications.

It can be fitted in the horizontal position or in the vertical position with the flow going upwards.

This valve requires a low minimum pressure to open.

Approvals, Features & Benefits

- EPDM seals suitable for water
- Lightweight construction
- Wafer type
- Multi-flange

Pressure & Temperature

Pressure range:-

DN40-80 : PN25 Rated
DN100-400 : PN16 Rated

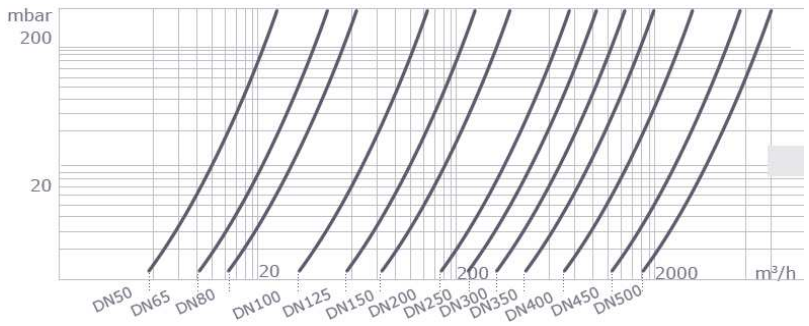
Temperature Range:-

0°C to 130°C

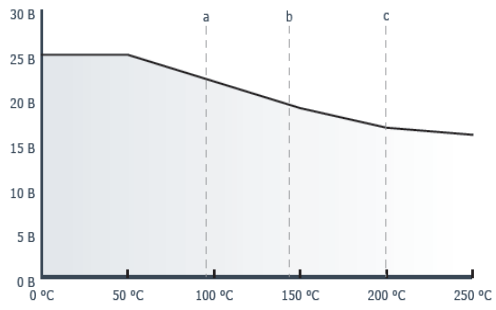
DN	40	50	65	80	100	125	150	200	250	300	350	400
B	14	14	14	14	18	18	20	22	26	32	38	44
C	95	109	128	145	164	195	221	275	330	380		
D	30	35	48	60	78	98	117	160	200	235		
Weight Kg	0.7	0.9	1.2	1.5	2.5	3.2	5.3	9.7	16.2	28.0	32.0	48.0

MATERIALS	
Body	Stainless Steel (AISI 316)
Disc	Stainless Steel (AISI 316)
Screw	Stainless Steel (AISI 316)
Seat & Seals	EPDM

HEADLOSS (H_20 at 20°C - Horizontal Flow)



PRESSURE / TEMPERATURE CHART



a - NBR Seat & Seals - Tmax = 95°C
b - EPDM Seat & Seals - Tmax = 130°C
c - PTFE Seat & Seals - Tmax = 200°C

Formula for calculation of equivalent flow rate to H_2O

For different liquid, gas or steam head losses are determined by equivalent water flow rate, as follows:

Qe - equivalent water flow (m³/h or l/s)
Q - fluid flow (m³/h or l/s)
d - fluid specific gravity (Kg/m³)

$$Qe = Q\sqrt{\frac{d}{1000}}$$

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