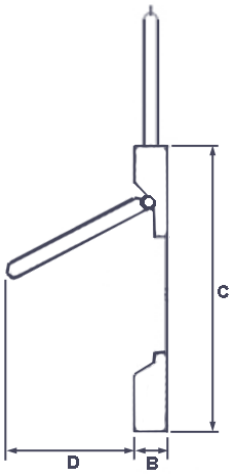


JV080012

Stainless Steel
NBR 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

A stainless steel wafer swing type check valve particularly suitable for oil 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

- NBR seals for oil application
- Lightweight construction
- Wafer type
- Multi-flange

Pressure & Temperature

Pressure range:-

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

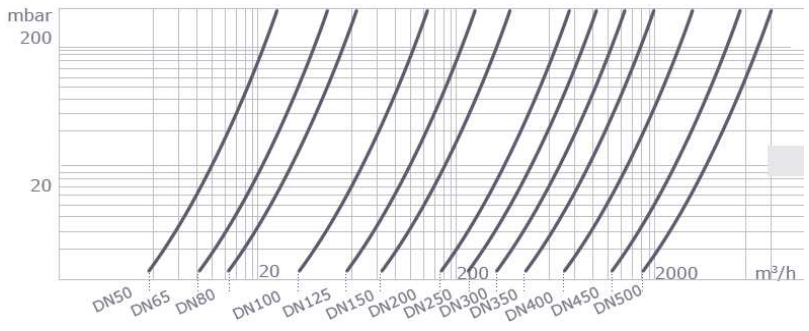
Temperature Range:-

0°C to 95°C

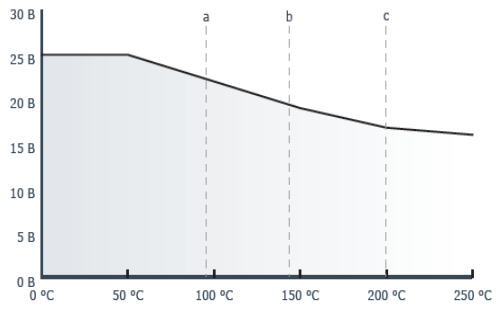
DN	40	50	65	80	100	125	150	200	250	300	350	400
B	14	14	14	14	18	18	20	22	26	32	38	44
C	95	109	128	145	164	195	221	275	330	380		
D	30	35	48	60	78	98	117	160	200	235		
Weight Kg	0.7	0.9	1.2	1.5	2.5	3.2	5.3	9.7	16.2	28.0	32.0	48.0

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

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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