

Check valves
DIN wafer type
Steel

Galvanised steel wafer type Econ® swing type check valves, NBR O-ring disc and flange sealing, pressure rating PN 10/16, suitable for mounting between flanges acc. to DIN PN 10/16, very short Face To Face, low weight and low pressure loss.

Suitable for horizontal and vertical (upward flow) installation.

Application: general industrial use.

Application: cold and hot water, air, and other neutral media.

Material specification

Component	Material	EN and/or (DIN)	W.nr.
Body (galvanised)	Steel	S355J2G3 (St.52-3)	1.0570
Disc DN 50-150	Stainless steel	GX5CrNiMoNb19-11-2 (G-X5CrNiMoNb 18 10)	1.4581
Disc DN 200-500 (galvanised)	Steel	S355J2G3 (St.52-3)	1.0570
Disc seal	NBR		
Flange seal	NBR		

Pressure and temperature range

Size	Pressure rating	Maximum pressure/temperature	Maximum temperature	Minimum temperature
DN 50 - 250	PN 16	16 bar - 90 °C	90 °C (re NBR O-ring)	-10 °C
DN 300	PN 10	10 bar - 90 °C	90 °C (re NBR O-ring)	-10 °C

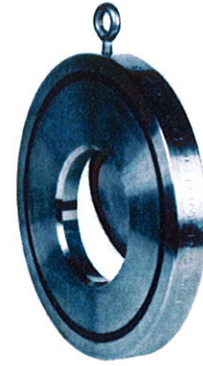
For higher temperatures use a different seat (see other types)

Options

- Larger sizes
- Closing spring
- Lever and counterweight
- Hard-faced seat
- Pressure rating PN 25 and PN 40
- Suitable for mounting between flanges acc. to DIN PN 6, PN 16 (DN>250), PN 25 and PN 40
- Suitable for mounting between flanges acc. to ASME 150# and 300#
- EPDM disc seal (max. 150 °C)
- FKM (Viton) disc seal (max. 200 °C)
- PTFE disc seal (max. 200 °C)
- Metal seated (max. 350 °C)
- Non-galvanized

Ordering information

Ordering code	Type	Seal / Seat	Pressure rating	Fitting between DIN flanges	DN [mm]
68	Swing type	NBR O-ring	PN 10/16	PN 10/16	50 - 250
68	Swing type	NBR O-ring	PN 10	PN 10	300



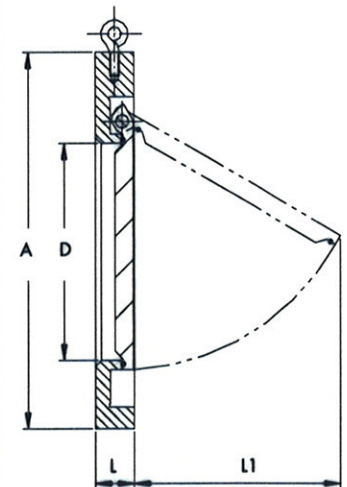
Swing type

• fig. 68

- Pressure rating PN 10/16
- DN 50 - 300
- Max. 90 °C
- Galvanized
- General use
- NBR O-ring seal
- Very short Face To Face
- Low pressure loss
- Low weight
- Maintenance free

Dimensions

DN	D	A	L	L1	Weight	Opening pressure			
						Hor. flow	Hor. flow with spring	vert. rising flow	vert. rising flow with spring
					[kg]	[mbar]			[mb]
50	26	108	20	42	1.3	-0	15	8	23
65	38	127	20	55	1.6	-0	15	8	23
80	42	142	20	60	1.9	-0	15	8	23
100	70	162	20	80	2.3	-0	15	8	23
125	92	193	21	100	3.4	-0	10	8	18
150	114	218	22	120	4.5	-0	10	8	18
200	143	275	29	155	8.5	-0	10	12	22
250	185	329	34	200	13	-0	10	12	22
300	214	378	38	232	20	-0	10	12	22



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