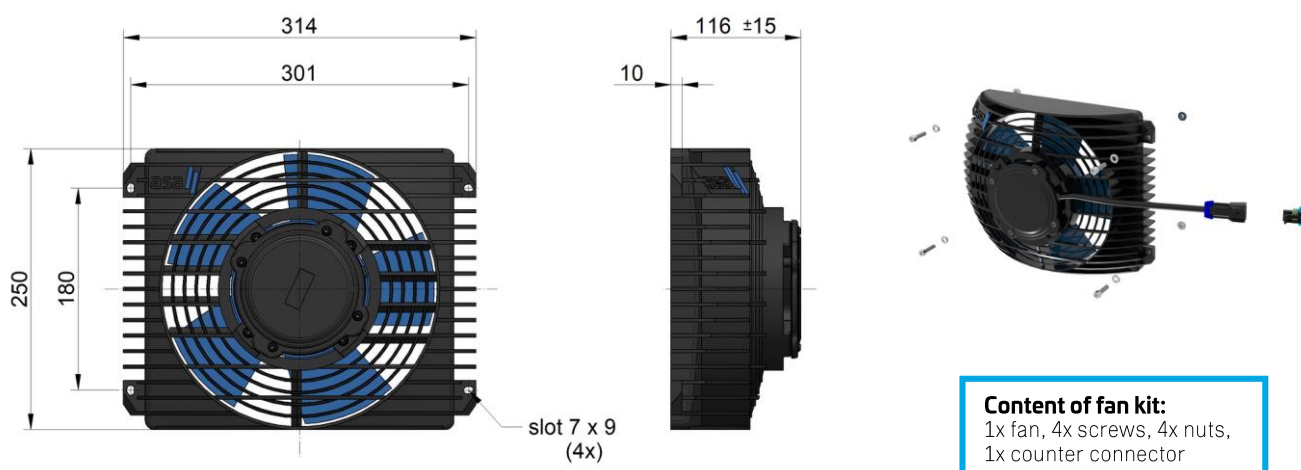


VT – Drive Fan Kit ASA 240 L 12V DC



Technical Data

order number	description	current	el. power	inherent speed	weight
		[A]	[W]	[rpm]	[kg]
ILLELK024001	Fan kit ASA 240 L 12V DC	8,9	107	3051	2,1

ErP product information – conform according EU regulation 2024/1834

a) fan type	axial fan	g) pressure difference Δp (BEP)	153 Pa
b) fan efficiency η	25,8 %	h) special characteristic	-
b) min. efficiency $\eta_{\min}$	N/A < 125 W	i) DC voltage lower 100V	Yes
c) speed control	No	j) significant elements	-
d) measurement category	A	l) inherent speed (BEP)	3051 rpm
e) efficiency category	static	m) specific pressure ratio r	1,00
f) efficiency grade N (BEP)	50 %	n) manufacturer's name	SOVATEC Produktions GmbH
g) el. Power P_e (BEP)	107 W	o) model identifier	ILLEVK024001
g) volume flow q_v (BEP)	637 m³/h		

ambient conditions

ambient temperature range -20°C to +80°C

storage temperature range -30°C to +80°C

Important: Assure sufficient air circulation!

supply

voltage 12V DC ± 10%

maximum allowed ripple 1%

Check for right polarity! Inverse polarity may damage the fan!

connection Metri Pack MP280

fuse

The specification of the fuse has to be chosen to suit to the actual used components and applying system parameters.

housing

material Polyamide

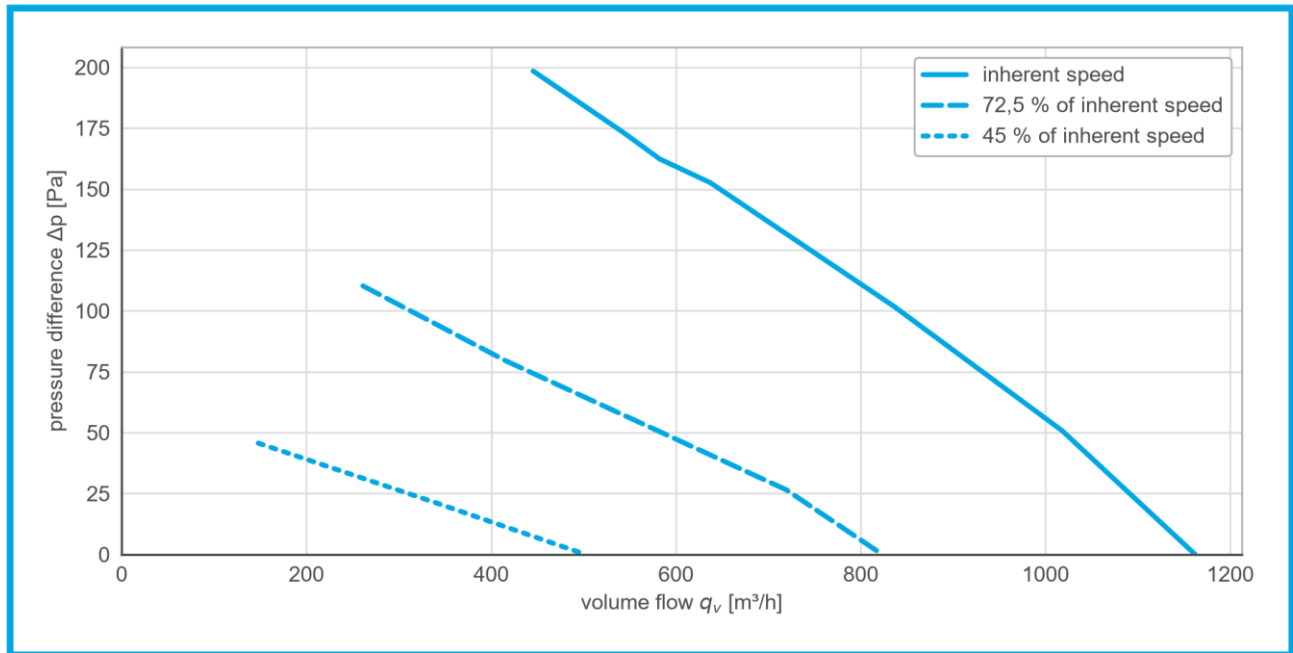
accessories

temperature control ILLZTC12-3K

protection level

IP code IP 68

performance curves



*) all data refer to tests with 12V respectively

measurement data at inherent speed

volume flow	pressure difference	el. power	speed	efficiency
[m³/h]	[Pa]	[W]	[rpm]	[%]
1162	0	96	3147	0,0
1018	51	100	3118	14,0
836	102	103	3106	22,6
637	153	107	3051	24,9
582	162	107	3048	24,1
543	173	109	3032	23,6
445	198	112	3009	21,6

measurement data at 72,5 % of inherent speed

volume flow	pressure difference	el. power	speed	efficiency
[m³/h]	[Pa]	[W]	[rpm]	[%]
823	0	42	2212	0,0
720	26	44	2189	11,3
539	58	43	2171	18,9
416	80	46	2153	19,1
261	110	49	2109	15,6

measurement data at 45 % of inherent speed

volume flow	pressure difference	el. power	speed	efficiency
[m³/h]	[Pa]	[W]	[rpm]	[%]
502	0	16	1376	0,0
340	21	17	1370	11,3
148	46	18	1335	9,7