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Fiche produit Motralec Ziehl Abegg Fe2Owlet With Zaplus ZN045 SD 1 - fiche technique | Motralec

■ DEMANDE DE PRIX RAPIDE : <https://www.motralec.com/demandeContact>

Oil transformer cooling Fans for transformer cooling
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FE2owlet with ZApus

for three phase alternating current, 6-6 pole

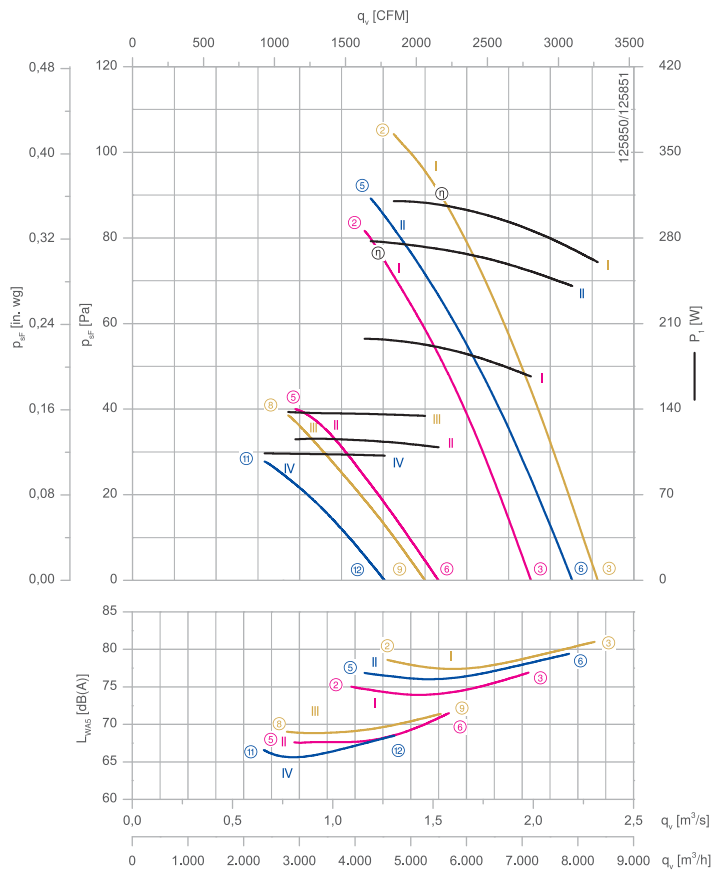
ZN045-SD



Description

Motor technology: AC
 Rated voltage $U_N \pm 10\%$:
 3~ 400 V (Δ/Y) | 3~400 V (Δ/Y) | 3~460 V (Δ/Y) *
 Rated frequency f_N : 50 Hz | 60 Hz | 60 Hz*
 Input power P_i :
 200/120 W | 280/100 W | 310/140 W*
 Rated current I_N :
 0.52/0.27 A | 0.64/0.27 A | 0.62/0.30 A*
 Rated speed n_N :
 910/640 min⁻¹ | 950/530 min⁻¹ | 1040/620 min⁻¹*
 Speed n at $p_{stat} = 0$ Pa:
 930/710 min⁻¹ | 1030/590 min⁻¹ | 1080/690 min⁻¹*
 Motor input power P at $p_{stat} = 0$ Pa:
 170/110 W | 240/100 W | 260/130 W*
 Air flow q_a at $p_{stat} = 0$ Pa:
 1.3/1.0 m³/s | 1.5/0.8 m³/s | 1.5/1.0 m³/s*
 Starting current I_A : 1.1/0.32 A | 0.95/0.26 A | 1.1/0.3 A
 Current increase ΔI : 0 % | 0 % | 5 %
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{R(min)}$: -40 °C***
 Max. permitted ambient temperature $t_{R(max)}$:
 70 °C | 70 °C | 70 °C
 Electrical connection: Terminal box
 Number of blades: 7
 Degree of protection : IP54
 Motor protection: thermal contact
 Blades: Aluminium, 2 coat paint,
 RAL 9005 (jet black)
 Rotor: Aluminium, 2 coat paint,
 RAL 9005 (jet black)
 Conformity: ErP 2015, CE
ErP-data
 Efficiency η_{statA} : 36.6 %
 Efficiency: $\eta_{actual} = 47.5 / N_{target} = 40$ **
 * Rated data
 **ErP 2015

Characteristic curve



Measured in ZApus and guard grille on suction side in installation type A according to ISO 5801.

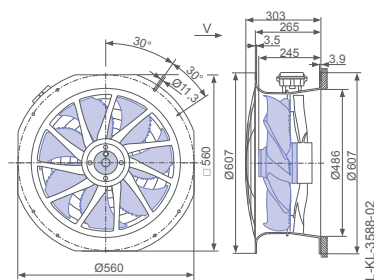
*** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

Connection diagram Page 252
 1360-108XA
 System components Page 184

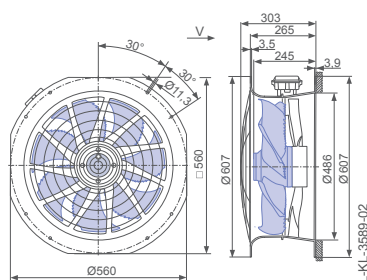
Dimensions mm

Airflow direction

Design L - ZApus, guard grille suction side with connection box



Design L - ZApus, guard grille two-sided with connection box





Type	Connection	Characteristic curve	Voltage	Frequency	Operating point	Current	Input power	Speed	Suction side sound power level
			U V	f Hz		I A	P _i W	n min ⁻¹	L _{WAS} dB(A)
ZN045-SDL.4F.V7P1	Δ	I	400*	50	②	0.52*	200*	910*	64
					③	0.48*	170*	930*	67
					⑤	0.27*	110*	650*	57
	Y	II	400*	60	⑥	0.25*	110*	710*	60
					②	0.62*	310*	1040*	71
					③	0.54*	260*	1080*	74
	Δ	I	460*	60	⑤	0.64*	280*	950*	66
					⑥	0.56*	240*	1030*	70
					⑧	0.30*	140*	610*	56
	Y	III	460*	60	⑨	0.29*	130*	690*	60
					⑪	0.27*	100*	530*	53
					⑫	0.26*	100*	590*	56

*rated data

Fan ordering information

Airflow direction

Design	L (guard grille suction side)	L (guard grille two-sided)
		
Type	ZN045-SDL.4F.V7P1	ZN045-SDL.4F.V7P1
Article no.	176010/10K4	176010/10K6
Weight kg	14.20	14.80
ZAplus attachable on both sides.		

Control technology

Frequency inverters Fcontrol 3~	Motor protection units 3~	Electronic voltage controllers 3~
		
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Dry transformer cooling
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Appendix

Besoin d'un prix ou d'un conseil technique ?

Ventilateur Ziehl Abegg FE2OWLET WITH ZAPLUS ZN045 SD 1



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- Devis rapide et conseil technique par nos spécialistes
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Voir la gamme Ziehl Abegg sur notre site :

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