

Fiche produit Motralec Ziehl Abegg Fe2Owlet Ecblue FN125 - fiche technique | Motralec

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

Oil transformer cooling Fans for transformer cooling
www.motralec.com / service-commercial@motralec.com / 01.39.97.65.10

FE2owlet-ECblue

for three phase alternating current, 380-480 V

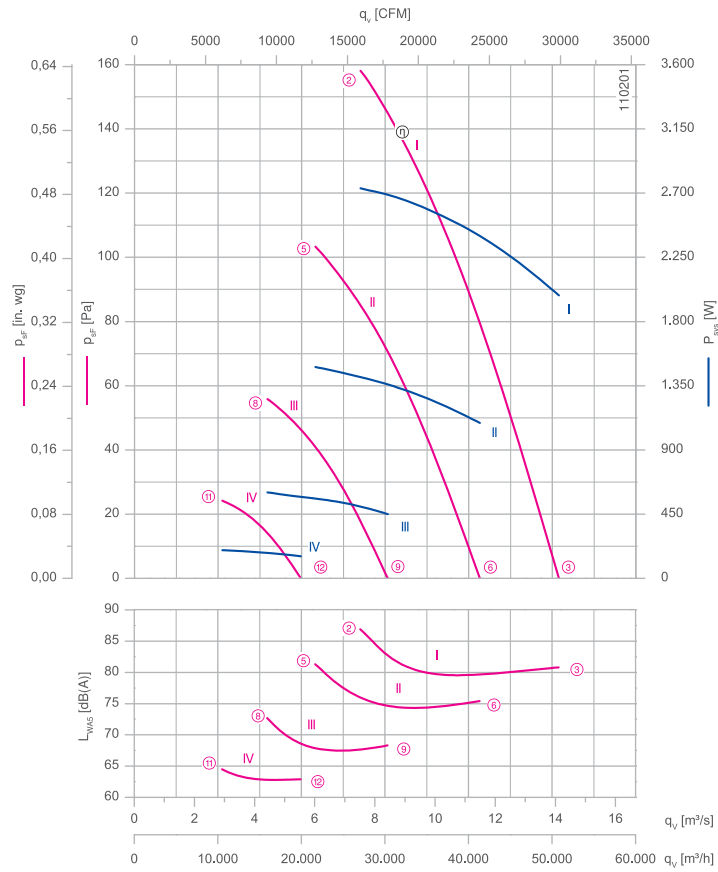
FN125



Description

Motor technology: EC
 Rated voltage U_N : 3~ 380-480 V*
 Rated frequency f_N : 50/60 Hz*
 Input power P_{sys} : 2.80 kW*
 Rated current I_N : 4.60- 3.60 A*
 Rated speed n_N : 650 min⁻¹*
 Speed n at $p_{stat} = 0$ Pa: 650 min⁻¹*
 Motor input power P at $p_{stat} = 0$ Pa: 2000 W*
 Air flow q_v at $p_{stat} = 0$ Pa: 14.4 m³/s*
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{R(min)}$: -35 °C***
 Max. permitted ambient temperature $t_{R(max)}$: 50 °C
 Electrical connection: Integrated controller
 Number of blades: 3
 Degree of protection : IP54
 Motor protection: integrated active temperaturemanagement
 Blades: Aluminium, powder-coated, RAL 9006 (white aluminium)
 Rotor: Aluminium, 1 coat paint, RAL 5002 (ultramarine blue)
 Conformity: ErP 2015, CE, UL
ErP-data
 Efficiency η_{statA} : 51.0 %
 Efficiency: $N_{actual} = 54.7 / N_{target} = 40$ **
 * Rated data
 **ErP 2015
 *** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -35 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

Characteristic curve



Measured with nozzle for transformer cooling and guard grille on suction side in installation type A according to ISO 5801.

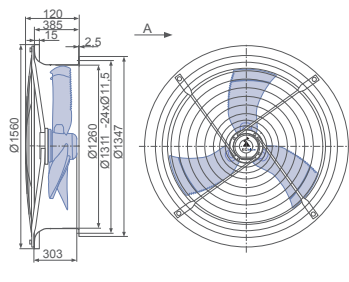
Connection diagram Page 250
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System components Page 184

Dimensions mm

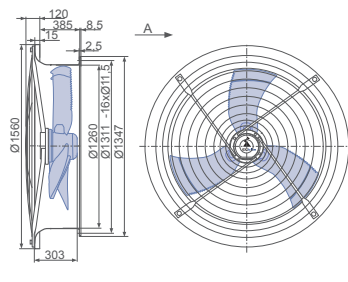
Airflow direction A

Design L - round full bell mouth, guard grille suction side



L-KL-3221-18

Design L - round full bell mouth, guard grille two-sided





L-KL-3222-17

Type	Characteristic curve	Speed	Operating point	Current	Input power	Suction side sound power level
		n min ⁻¹		I A	P _{sys} W	L _{WA5} dB(A)
FN125-ZIL.GQ.A3P1	I	650	②	4.20	2700	87
			③	3.00	2000	81
	II	530	⑤	2.30	1500	82
			⑥	1.75	1100	75
	III	390	⑧	1.10	600	73
			⑨	0.88	460	68
	IV	260	⑪	0.54	200	64
			⑫	0.46	150	63

Current values determined at 400V

Fan ordering information

Airflow direction A →

Design	L (guard grille suction side)	L (guard grille two-sided)
		
Type	FN125-ZIL.GQ.A3P1	FN125-ZIL.GQ.A3P1
Basic electronics		
Article no.	175945/10C1	175945/10C3
Weight kg	97.30	103.40

Control technology

Control modules	Add-on modules	Operating terminal
		
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Ventilateur Ziehl Abegg FE2OWLET ECBLUE FN125



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DEMANDER UN PRIX >