

Fiche produit Motralec Ziehl Abegg Fe2Owlet Ecblue FN050 - fiche technique | Motralec

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

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FE2owlet-ECblue

for three phase alternating current, 380-480 V

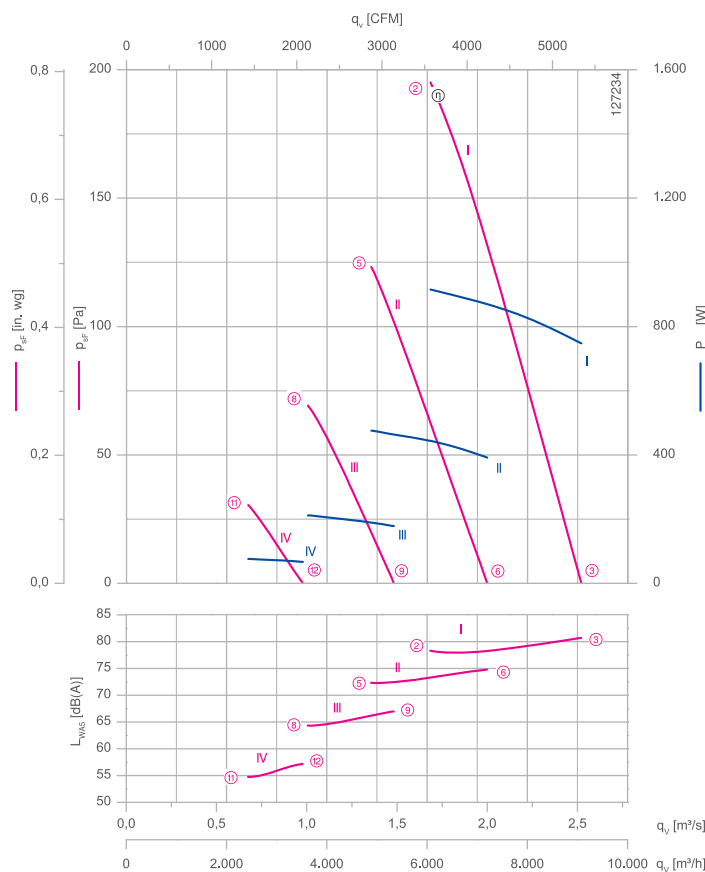
FN050



Description

Motor technology: EC
 Rated voltage U_N : 3~ 380-480 V*
 Rated frequency f_N : 50/60 Hz*
 Input power P_{sys} : 920 W*
 Rated current I_N : 1.55- 1.20 A*
 Rated speed n_N : 1550 min⁻¹*
 Speed n at $p_{stat} = 0$ Pa: 1550 min⁻¹*
 Motor input power P at $p_{stat} = 0$ Pa: 740 W*
 Air flow q_v at $p_{stat} = 0$ Pa: 2.5 m³/s*
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{R(min)}$: -35 °C***
 Max. permitted ambient temperature $t_{R(max)}$: 60 °C
 Electrical connection: Integrated controller
 Number of blades: 7
 Degree of protection : IP54
 Motor protection: integrated active temperaturemanagement
 Blades: High Performance Composite Material, uncoated, black
 Rotor: Steel, 2 coat paint, RAL 5002 (ultramarine blue)
 Conformity: ErP 2015, CE, UL
ErP-data
 Efficiency η_{statA} : 41.8 %
 Efficiency: $N_{actual} = 48.1 / N_{target} = 40$ **
 * 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.

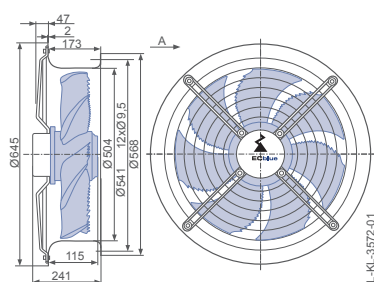
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System components Page 184

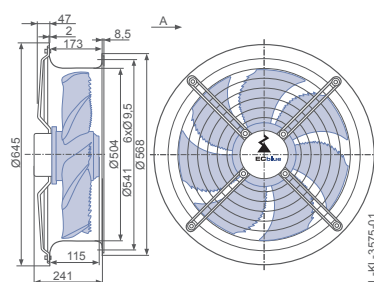
Dimensions mm

Airflow direction A

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





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



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)
FN050-ZIL.DC.A7P2	I	1550	②	1.45	920	78
			③	1.20	740	81
	II	1240	⑤	0.88	480	72
			⑥	0.78	390	75
	III	930	⑧	0.52	210	64
			⑨	0.46	180	67
	IV	620	⑪	0.28	75	55
			⑫	0.26	65	57

Current values determined at 400V

Fan ordering information

Airflow direction A		
Design	L (guard grille suction side)	L (guard grille two-sided)
		
Type	FN050-ZIL.DC.A7P2	FN050-ZIL.DC.A7P2
Article no.	175936/10C1	175936/10C3
Weight kg	18.50	19.90

Control technology

Control modules	Add-on modules	Operating terminal
		
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Ventilateur Ziehl Abegg FE2OWLET ECBLUE FN050



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