

Fiche produit Motralec Ziehl Abegg Fe2Owlet Ecblue With Zaplus ZN080 - fiche technique | Motralec

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

High pressure fans www.motralec.com / service-commercial@motralec.com / 01.39.97.65.10 Agriculture

FE2owlet-ECblue with ZApus

for three phase alternating current, 380-480 V

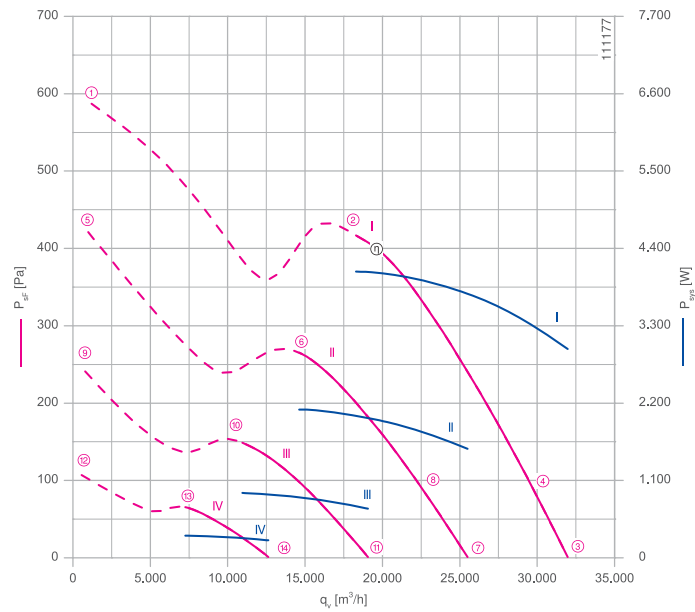
ZN080



Description

Motor technology: EC
 Rated voltage U_N : 3~ 380-480 V*
 Rated frequency f_N : 50/60 Hz*
 Input power P_{sys} : 4.00 kW*
 Rated current I_N : 6.60- 5.20 A*
 Rated speed n_N : 1250 min⁻¹*
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{R(min)}$: -35 °C***
 Max. permitted ambient temperature $t_{R(max)}$: 45 °C
 Electrical connection: Integrated controller
 Number of blades: 7
 Degree of protection : IP55
 Motor protection: Integrated active temperature management
 Blades: Aluminium, powder-coated, ultramarine blue
 Rotor: Aluminium, 2 coat paint, ultramarine blue
 Conformity: ErP 2015, CE, UL
ErP-data
 Efficiency η_{data} : 57.7 %
 Efficiency: $\eta_{actual} = 60.2 / \eta_{target} = 40$ **
 EC controller integrated
 * 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 in ZApus without guard grille in installation type A according to ISO 5801.

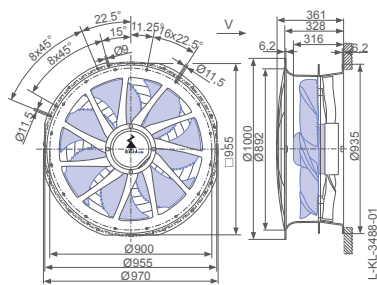
Connection diagram Page 172
1360-403

System components Page 110

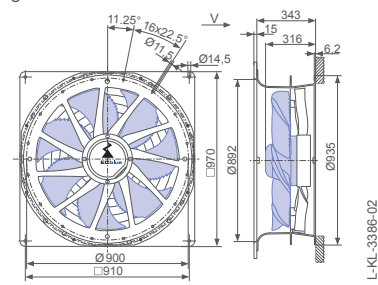
Dimensions mm

Airflow direction

Design L - ZApus Ontop, guard grille suction side

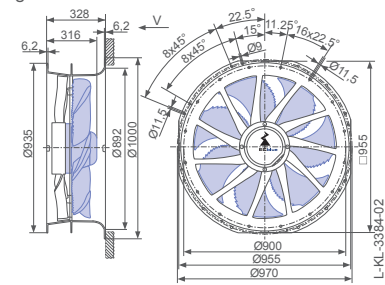


Design Q - ZApus with adapter plate, guard grille suction side



Airflow direction

Design L - ZApus Ontop without guard grille



Type	Characteristic curve	Speed n min ⁻¹	Operating point	Current	Input power	Acoustic pressure level 7m	Specific power
				I A	P _{sys} W	L _{pA} dB(A)	P _{spez} Wh/1000m ³
ZN080-ZL_GQ.V7P3	I	1250	①	7.40	4800		
			②	6.20	4000		224.7
			③	4.60	3000	61	92.9
			④	5.20	3400	60	113.7
	II	1000	⑤	4.40	2900		
			⑥	3.20	2100		146.0
			⑦	2.40	1550	55	60.8
			⑧	2.80	1850	53	82.9
	III	750	⑨	2.00	1250		
			⑩	1.55	920		85.4
			⑪	1.20	700	48	36.6
			⑫	0.86	420		
	IV	500	⑬	0.70	310		
			⑭	0.60	250	39	43.8
							19.7

Current values determined at 400V

Fan ordering information

Design	Airflow direction			Airflow direction		
	L (guard grille suction side) Ontop	Q (guard grille suction side)	L (without guard grille) Ontop	L (guard grille pressure side) Ontop	Q (without guard grille)	Q (guard grille pressure side)
Type	ZN080-ZIL.GQ.V7P3	ZN080-ZIQ.GQ.V7P3	ZN080-ZIL.GQ.V7P3	ZN080-ZIL.GQ.V7P3	ZN080-ZIQ.GQ.V7P3	ZN080-ZIQ.GQ.V7P3
Article no.	169053	169054	168061	168062	168063	168064
Weight kg	50.60	54.00	47.50	49.00	50.60	52.10
ZAplus attachable on both sides.						

Control technology

Control module UNIcon Zenec switch

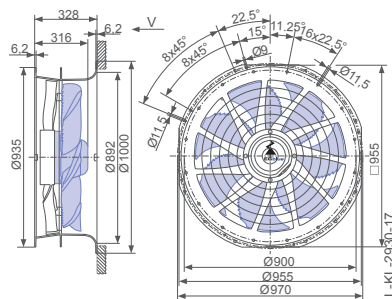


Page 130

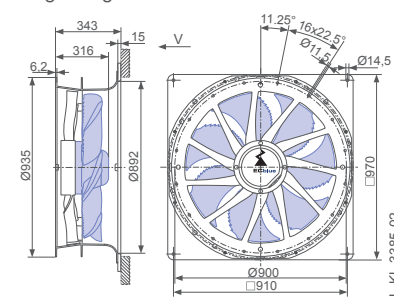


Page 158

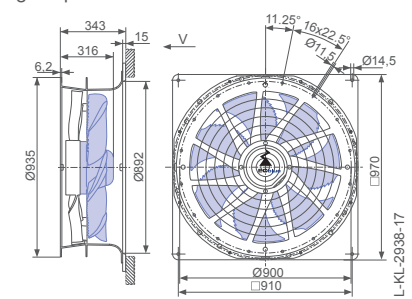
Design L - ZAplus Ontop, guard grille pressure side



Design Q - ZAplus with adapter plate, without guard grille



Design Q - ZAplus with adapter plate, guard grille pressure side



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103

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