

# FE2owlet-ECblue

for three phase alternating current, 380-480 V

FN080



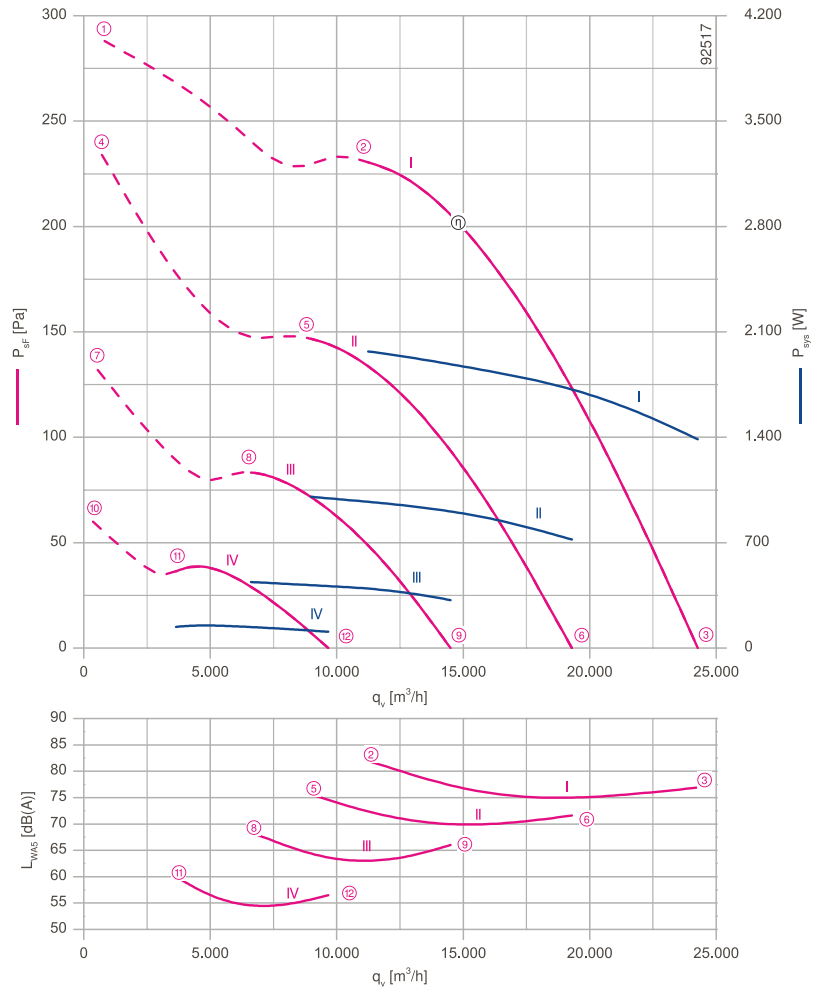
## Description

Motor technology: EC  
 Rated voltage U: **3~ 380-480 V\***  
 Rated frequency f: **50/60 Hz\***  
 Motor input power  $P_{sys}$ : **1.95 kW\***  
 Rated current I: **3.30- 2.60 A\***  
 Rated speed  $n_{max}$ : **950 min<sup>-1</sup>\***  
 Thermal class: **THCL155\***  
 Min. permitted conveyor temperature  $t_{R(min)}$ : **-35 °C**  
 Max. permitted conveyor temperature  $t_{R(max)}$ : **60 °C**  
 Electrical connection: integrated Controller  
 Number of blades: 7  
 Protection class: IP54  
 Motor protection: Integrated active temperature management  
 Blades: Aluminium, uncoated  
 Rotor: Steel, 2 coat paint, Ultramarine blue  
 Conformity: ErP 2015, CE, UL

## ErP Data

Efficiency  $\eta_{statA}$ : **48.7 %**  
 Efficiency:  $N_{actual} = 53.4 / N_{target} = 40^{**}$   
 EC controller integrated  
 \* Rated data  
 \*\*ErP 2015

Characteristic curve



Measured in full bell mouth without guard grille in installation type A according to ISO 5801.

➤ Connection diagram 1360-401 Page 607

➤ System components Page 524



Performance data

Type	Characteristic curve	Speed	Operating point	Current	Motor input power	Suction side sound power level
		n [min <sup>-1</sup> ]		I [A]	P <sub>sys</sub> [W]	L <sub>WA5</sub> [dB]
FN080-ZL_GG_7P3	I	950	①	3.00	1900	
		950	②	3.10	1950	82
		950	③	2.20	1400	77
	II	760	④	2.20	1400	
		760	⑤	1.70	1000	76
		760	⑥	1.25	720	72
	III	570	⑦	1.05	580	
		570	⑧	0.84	440	68
		570	⑨	0.66	320	66
	IV	380	⑩	0.46	190	
		380	⑪	0.39	140	58
		380	⑫	0.32	110	57

Current values determined at 400V