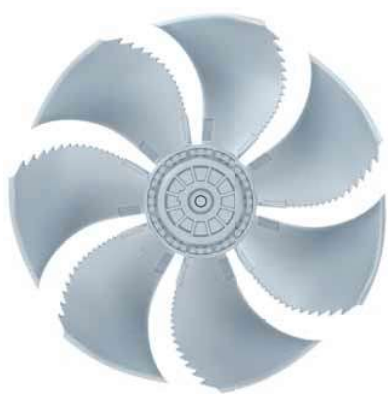


FE2owlet

for three phase alternating current, 4-4 pole

FN050-VD



Description

Motor technology: AC
 Rated voltage U_N : **3~ 400 V (Δ/Y) ± 10 %***
 Rated frequency f_N : **50 Hz***
 Input power P : **0.84/0.54 kW***
 Rated current I_N : **1.45/0.96 A***
 Rated speed n_n : **1340/ 940 min⁻¹***
 Starting current I_A : **5.00 / 1.60 A**
 Current increase ΔI : **15 %**
 Thermal class: **THCL155***
 Min. permitted ambient temperature $t_{R(min)}$: **-40 °C*****
 Max. permitted ambient temperature $t_{R(max)}$: **70 °C**
 Electrical connection: **Terminal box**
 Number of blades: **7**
 Protection class: **IP54**
 Motor protection: **thermal contact**
 Blades: **Aluminium, uncoated**
 Rotor: **Aluminium, uncoated**
 Conformity: **ErP 2015, CE**

ErP-data

Efficiency η_{statA} : 34.2 %
Efficiency: $N_{\text{actual}} = 41.3 / N_{\text{target}} = 40^{**}$

* Rated data

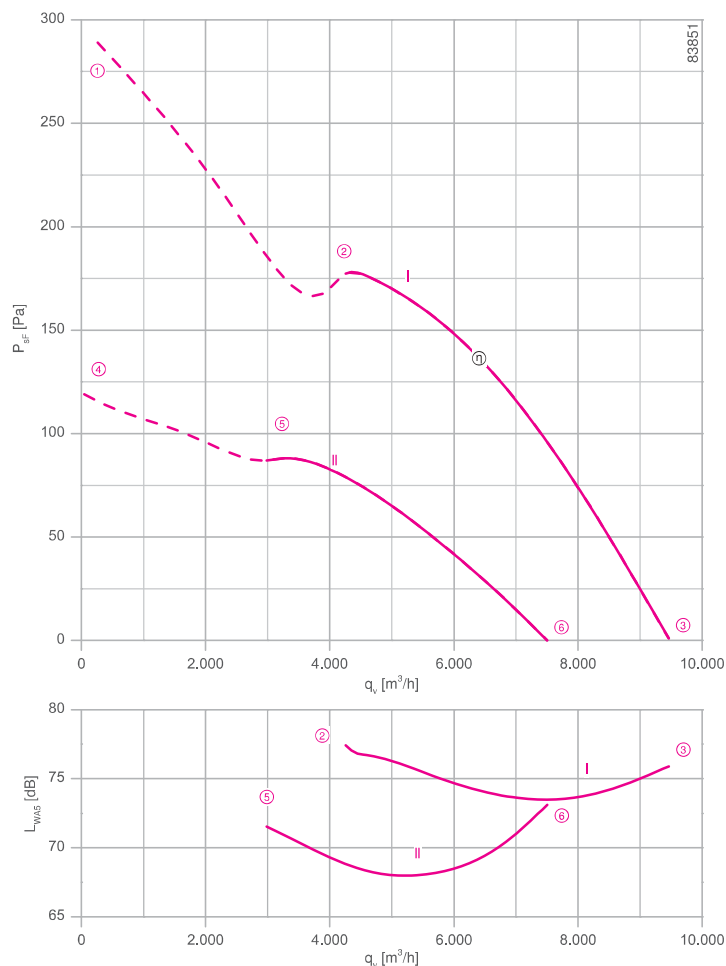
**ErP 2015

*** 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 531
for airflow direction A	1360-108XB
for airflow direction V	1360-108XA

System components Page 430

Characteristic curve

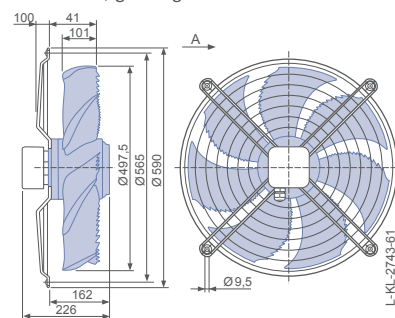


Measured in full bell mouth without guard grille in installation type A according to ISO 5801

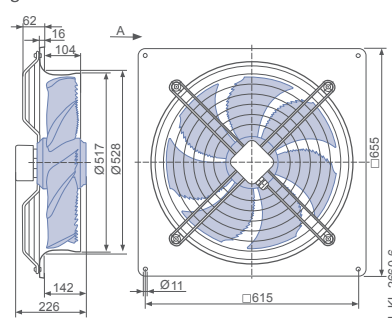
Dimensions mm

Airflow direction A

Design W - axial bolted, mounting for short bell mouth, guard grille suction side



Design Q - square full bell mouth, guard grille suction side



Airflow direction V

Design K - axial bolted, mounted for short bell mouth, guard grille pressure side

