

FE2owlet

for single phase alternating current, 4 pole

FNO35-4E



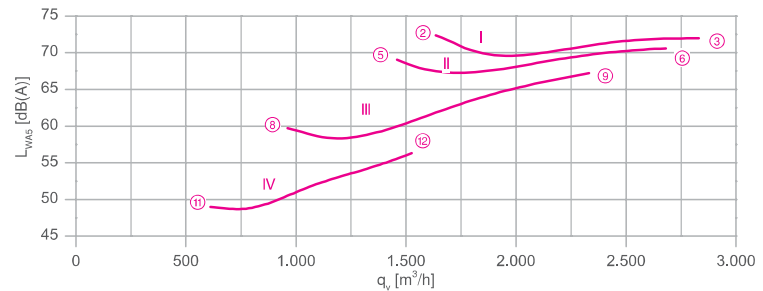
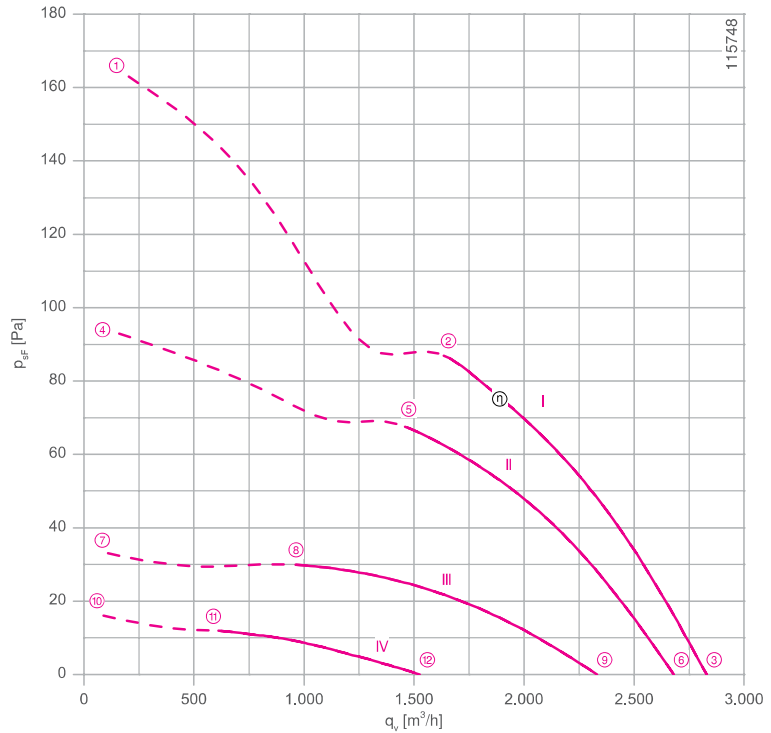
Description

Motor technology: AC
 Rated voltage U_N : 1~ 230 V±10 %*
 Rated frequency f_N : 50 Hz* (60Hz data available)
 Input power P_i : 150 W*
 Rated current I_N : 0.65 A*
 Rated speed n_N : 1390 min⁻¹*
 Starting current I_s : 2.00 A
 Current increase ΔI : 35 %
 Service capacitor C_{400V} : 3.0 μ F
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{R(min)}$: -25 °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: High Performance Composite Material, uncoated,
 Rotor: Aluminium, 1 coat paint, jet black
 Conformity: ErP 2015, CE

ErP-data

Efficiency η_{statA} : 29.2 %
 Efficiency: $N_{actual} = 40.9 / N_{target} = 40$ **
 * Rated data
 **ErP 2015

Characteristic curve



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

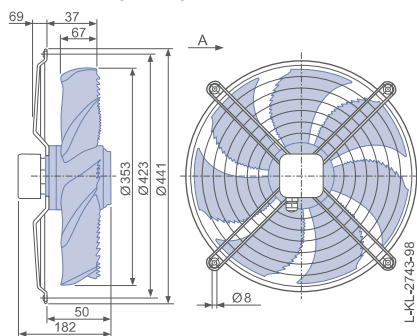
Connection diagram Page 531
 for airflow direction A 1360-104XB
 for airflow direction V 1360-104XA

System components Page 430

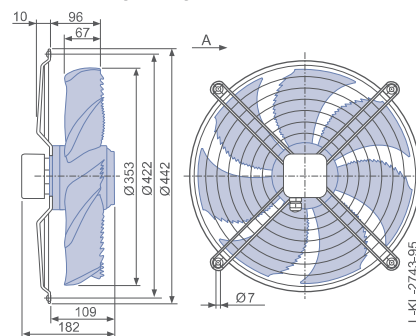
Dimensions mm

Airflow direction A

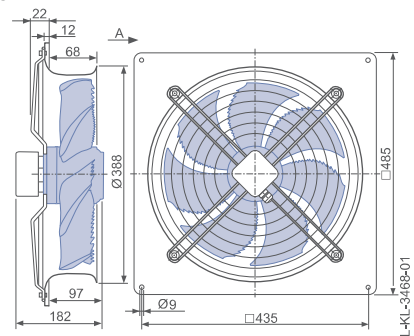
Design W - axial bolted, mounting for short bell mouth, guard grille suction side



Design D - axial bolted, suspension for full bell mouth, guard grille suction side



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



Performance data

Type	Characteristic curve	Voltage	Operating point	Current	Input power	Speed	Suction side sound power level L_{WA5} dB(A)
		U V		I A	P_1 W	n min ⁻¹	
FN035-4E_OF_7P3	I	230	①	0.82	180	1350	
		230*	②	0.66*	150*	1390*	72
		230	③	0.52	110	1430	72
	II	170	④	1.05	170	1030	
		170	⑤	0.80	130	1240	69
		170	⑥	0.56	95	1360	71
	III	135	⑦	0.96	120	610	
		135	⑧	0.90	120	820	60
		135	⑨	0.70	90	1180	67
	IV	110	⑩	0.80	80	430	
		110	⑪	0.80	80	520	49
		110	⑫	0.74	75	770	56

*rated data

Fan ordering information

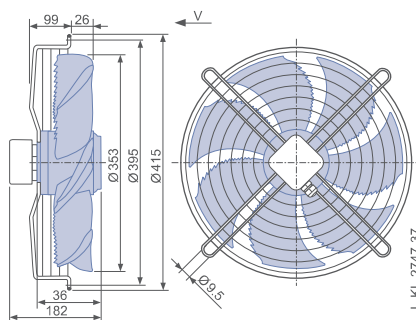
Airflow direction A		Airflow direction V			
Design	W (guard grille suction side)	D (guard grille suction side)	Q (guard grille suction side)	K (guard grille pressure side)	Q (guard grille pressure side)
Type	FN035-4EW.0F.A7P3	FN035-4ED.0F.A7P3	FN035-4EQ.0F.A7P3	FN035-4EK.0F.V7P3	FN035-4EQ.0F.V7P3
Article no.	171264	171263	171265	171261	171262
Weight kg	5.10	4.80	7.60	5.30	7.80

Control technology

Frequency inverters Control 1~	Motor protection units 1~	Electronic voltage controllers 1~
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Airflow direction V

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



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

