



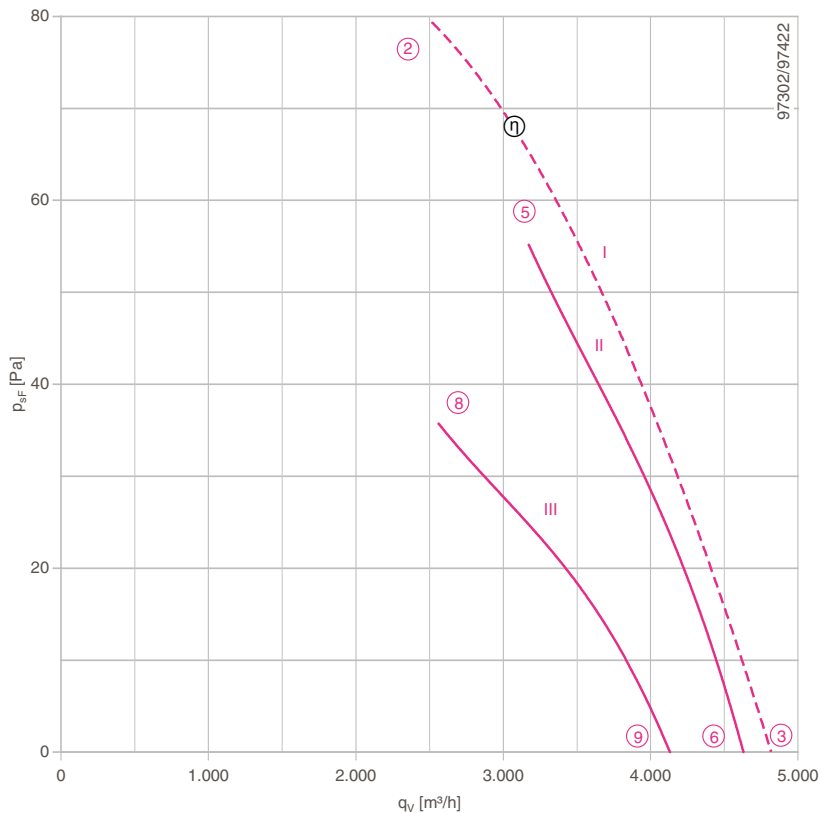
Description

Motor technology: AC
 Rated voltage U_N : 3~ 400 V (Δ/Y) ± 10 %*
 Rated frequency f_N : 50 Hz*
 Motor input power P_1 : 0.21/0.14 kW*
 Rated current I_N : 0.56/0.28 A*
 Rated speed n_N : 920/ 730 min⁻¹*
 Starting current I_A : 1.50 A / 0.46 A
 Current increase ΔI : 0 %
 Thermal class: THCL155*
 Min. permitted conveyor temperature $t_{R(min)}$: -40 °C
 Max. permitted conveyor temperature $t_{R(max)}$: 70 °C
 Electrical connection: Terminal box
 Number of blades: 4
 Protection class: IP54
 Motor protection: Thermal contact
 Blades: Aluminium, uncoated
 Rotor: Aluminium, uncoated
 Conformity: ErP 2015, CE

ErP Data

Efficiency η_{statA} : 29.6 %
 Efficiency: $N_{actual} = 40.3 / N_{target} = 40$ **
 * Rated data
 **ErP 2015

Characteristic curve



I) Measured in full bell mouth without guard grille in installation type A according to ISO 5801.
 II-x) Measured in short-bell mouth with compressed side contact protection.

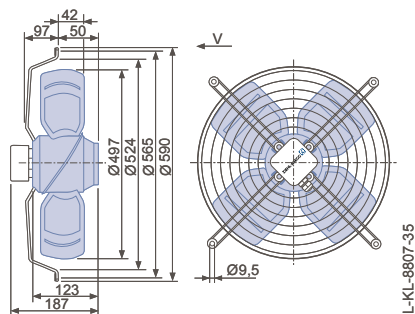
➤ Connection diagram 1360-108XA Page 608

➤ System components Page 524

Dimensions [mm]

Airflow direction V

Design K - axial bolted, mounted for short bell mouth E



		curve	U [V]	point	I [A]	power P ₁ [W]	n [min ⁻¹]	sound power level L _{WA5} [dB]
FB050-SD_4C_4L	Δ	I	400*	②	0.56*	220*	920*	73
			400	③	0.52	140	960	71
		II	400	⑤	0.54	190	930	67
			400	⑥	0.52	150	950	66
	Y	III	400	⑧	0.27	130	750	61
			400	⑨	0.21	100	850	62

*rated data

Fan ordering information

Airflow direction V

Design

K



Type

FB050-SDK.4C.V4L

Article no.

124187

Weight [kg]

8.10

Control technology

Frequency inverter
Fcontrol 3~



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Motor protection units
3~



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Transformer-based
controllers 3~



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Electronic voltage
controllers 3~



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