



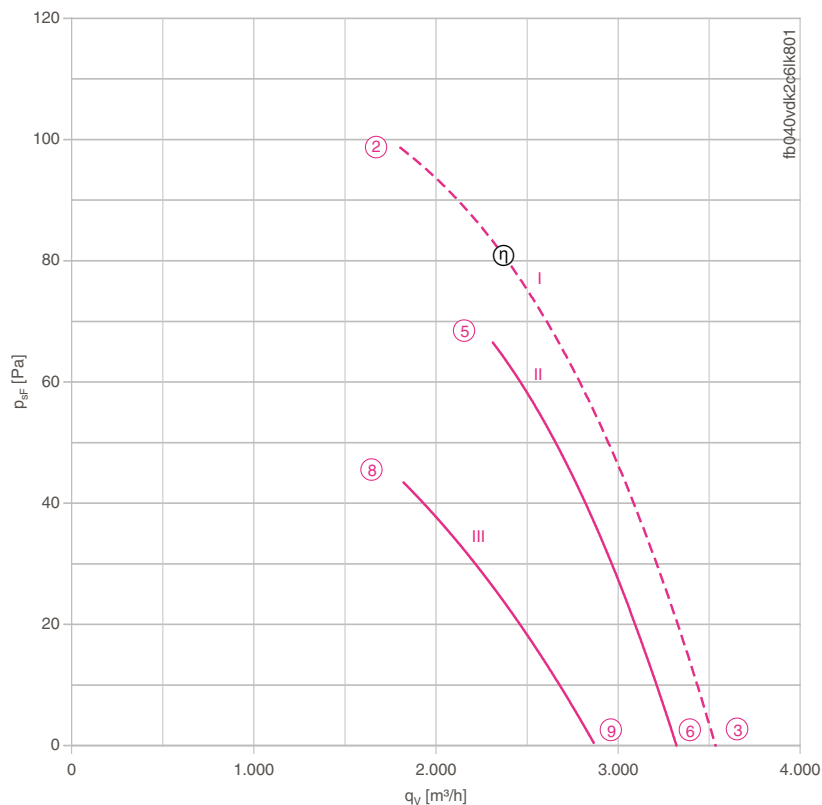
Description

Motor technology: AC
 Rated voltage U_N : 3~ 400 V (Δ/Y) $\pm 10\%$ *
 Rated frequency f_N : 50 Hz* (60Hz data available)
 Motor input power P_1 : 0.18/0.12 kW*
 Rated current I_N : 0.35/0.19 A*
 Rated speed n_N : 1300/1000 min⁻¹*
 Starting current I_A : 1.00 A / 0.34 A
 Current increase ΔI : 5 %
 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} : 33.8 %
 Efficiency: $N_{actual} = 45.2 / N_{target} = 40$ **
 * 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.

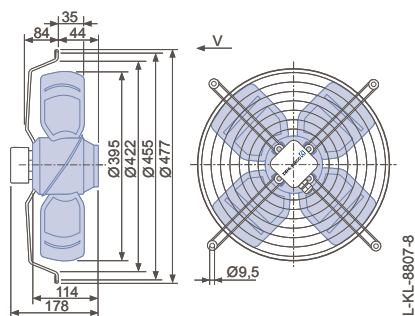
Connection diagram 1360-108XA Page 608

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]
FB040-VD_2C.V4L	Δ	I	400*	②	0.35*	180*	1300*	
			400	③	0.28	120	1390	72
		II	400	⑤	0.29	150	1350	77
	Y	III	400	⑥	0.26	115	1400	68
			400	⑧	0.18	110	1070	70
			400	⑨	0.14	88	1190	64

*rated data

Fan ordering information

Airflow direction V

Design

K



Type

FB040-VDK.2C.V4L

Article no.

124154

Weight [kg]

5.50

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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