

FB

for three phase alternating current, 6-6 pole

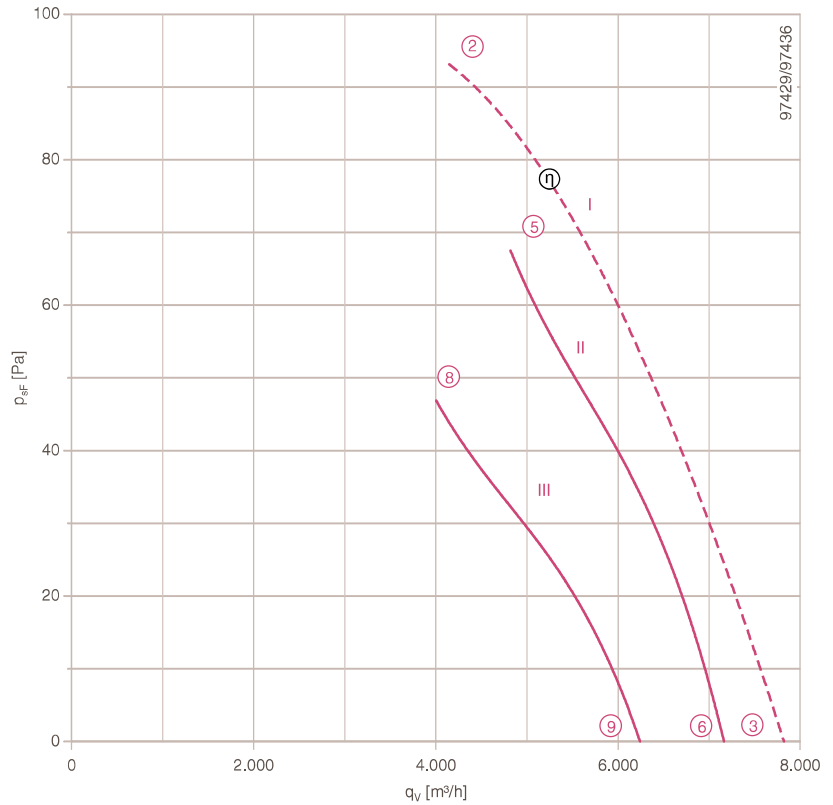
FBO56-SD



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 : 0.34/0.25 kW*
 Rated current I_N : 0.64/0.41 A*
 Rated speed n_N : 910/ 750 min⁻¹*
 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} : 36.5 %
 Efficiency: $N_{actual} = 46.0 / N_{target} = 40$ **
 * 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.

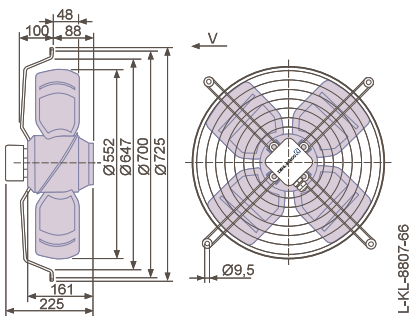
➤ Connection diagram 1360-108XA Page 608

➤ System components Page 524

Dimensions [mm]

Airflow direction A

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



Performance data

Type	Connection	Characteristic curve	Voltage	Operating point	Current	Motor input power	Speed	Suction side sound power level L_{WA5} [dB]
			U [V]					
FB056-SD_4I.V4P	Δ	I	400*	②	0.64*	340*	910*	76
			400	③	0.52	230	950	74
			400	⑤	0.60	310	920	74
	Y	II	400	⑥	0.54	250	940	73
			400	⑧	0.39	230	770	69
			400	⑨	0.33	200	820	69

*rated data

Fan ordering information

Airflow direction V

Design K



Type FB056-SDK.4I.V4P
Article no. 160149
Weight [kg] 12.10

Control technology

<p>Frequency inverter Fcontrol 3~</p>  <p>➤ Page 558</p>	<p>Motor protection units 3~</p>  <p>➤ Page 596</p>	<p>Transformer-based controllers 3~</p>  <p>➤ Page 591</p>	<p>Electronic voltage controllers 3~</p>  <p>➤ Page 578</p>
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Airflow direction V