

FB

for three phase alternating current, 6-6 pole

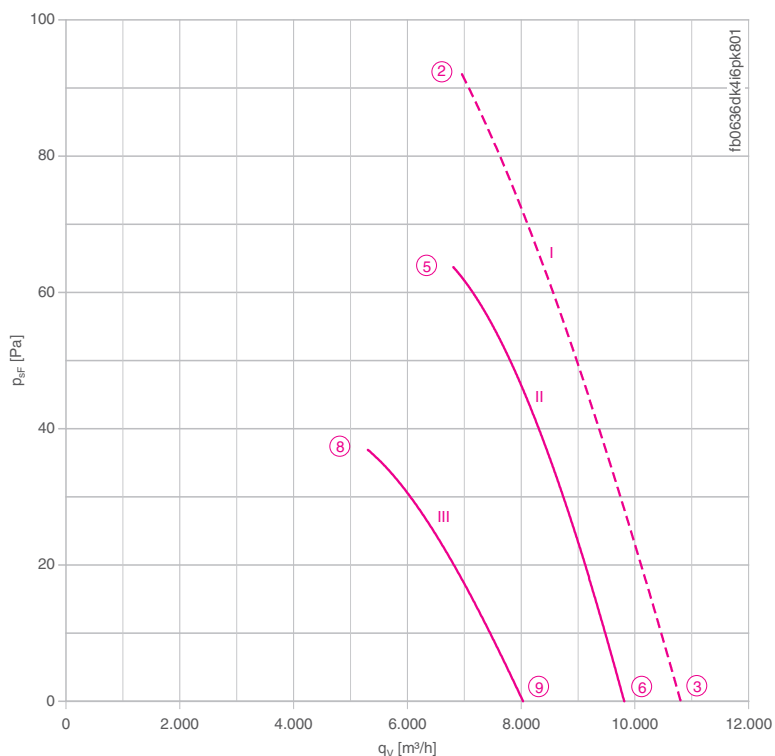
FBO63-SD



Description

Motor technology: AC
Rated voltage U_N : 3~400 V (Δ/Y) $\pm 10\%$ *
Rated frequency f_N : 50 Hz* (60Hz Daten verfügbar)
Motor input power P_1 : 0.48/0.32 kW*
Rated current I_N : 0.93/0.51 A*
Rated speed n_N : 870/680 min⁻¹*
Starting current I_A : 2.60 A / 0.85 A
current increase ΔI : 0 %
Thermal class: THCL155*
Min. permitted conveyor temperature $t_{R(min)}$: -40 °C
Maximum permitted conveyor temperature $t_{R(max)}$: 70 °C
Electrical connection: Terminal box
Number of blades: 4
Protection class: IP54
Motor protection: Thermostat (TB)
Blades: Blades made of aluminium, uncoated
Rotor: Aluminium, uncoated
conformity: ErP 2015, CE
* Leistungsschilddaten

Characteristic curve



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.

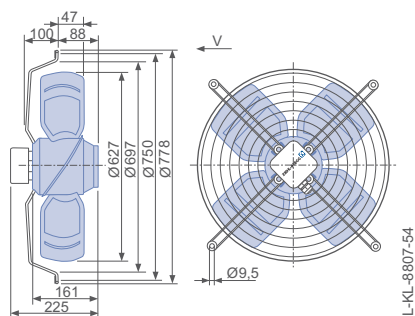
➤ Connection diagram #R01#

➤ System components #R02#

Dimensions [mm]

← Airflow direction V

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



Performance data

Type	connection	Characteristic curve	Voltage U [V]	Operating point	Current I [A]	input power P _i [W]	Speed n [min ⁻¹]	Suction side sound power level L _{WAS} [dB(A)]
FB063-SD_4I.V4P	Δ	I	400*	②	0.93*	480*	870*	
			400	③	0.85	380	910	78
		II	400	⑤	0.89	500	890	77
	Y	III	400	⑥	0.79	420	910	76
			400	⑧	0.57	350	680	69
			400	⑨	0.52	320	730	70

*rated data

Fan ordering information

← Airflow direction V

Design K



Type **FB063-SDK.4I.V4P**

Article no. **124169**

Weight [kg] 13.90

Recommended system components



#R01#



#R02#



#R03#

Electronic voltage controllers 3~



#R04#