

Technical data of the fan: PFP A3-0355 2.1kW 400V-3F M6M6

Description	Value / Dimension
Installation acc. DIN 24163 Part 1	A
Reference density (ρ_{01})	1.20 kg/m ³
Medium temperature (t)	20 C
Fan weight	21 kg
Feed data	
Main's frequency (f_n)	50/60 Hz
Voltage (U_n)	3~ 400 V
Phases-Voltage-Frequency	3~400-50 V-Hz
Power (P_n)	0 kW
operational limits	
Max. fan speed (n_{vmax})	2680 min ⁻¹
Max. absorbed power of the system (P_{max})	2.10 kW
Max. current: Inverter or resp. control unit in (I_{max})	3.3 A
Temperature range for conveying medium ($t_{min...t_{max}}$)	-20...40 C
ErP-Data at best efficiency and density - kg/m³	
measurement- / efficiency category	A / static
design status of VSD	VSD is integrated
overall efficiency (η_{Atot})	66.2 %
achieved efficiency grade (N_{lst})	73.6
required efficiency grade in 2013 / 2015 (N)	58 / 62
Air flow rate (V_{opt})	4473 m ³ /h
pressure rise (dP_{opt})	1053 Pa
Fan speed (n_{vopt})	2680 min ⁻¹
motor power viewpoint (P_{1opt})	1.98 kW
specific ratio (d_{opt})	1.011