

max. 20 m³/h

DC axial fans

Series 500 F 50 x 50 x 15 mm



Highlights:

- Compact fan with low power consumption.
- Some models suitable for use at high ambient temperatures.

General characteristics:

- Material: fibreglass-reinforced plastic. Impeller PA, housing PBT.
- Fully integrated electronic commutation.
- Protected against reverse polarity and locking.
- Connection via single strands AWG 28, TR 64. Bared and tin-plated.
- Air exhaust over struts. Direction of rotation counter-clockwise, seen on rotor.
- Mass: 25 g.

Nominal data		Air flow	Air flow	Nominal voltage	Voltage range	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Power input	Nominal speed	Temperature range	Service life L ₁₀ (20 °C) ebm-papst Standard	Service life L ₁₀ (60 °C) ebm-papst Standard	Life expectancy L ₁₀ Δ (40 °C) see P. 15	Curve	Specials
Type		m ³ /h	CFM	VDC	VDC	dB(A)	Bel(A)	■ / ■	Watts	RPM	°C	Hours	Hours			P. 110
512 F		20	11,8	12	10,8...13,2	30	4,5	■	1,0	5 000	-20...+70	50 000 / 20 000	62 500	2	/2	
514 F		20	11,8	24	21,6...26,4	30	4,5	■	1,0	5 000	-20...+70	50 000 / 20 000	62 500	2	/2	
Model with temperature range up to +85 °C.																
512 FL-547		11	6,5	12	11,5...13,2	12	3,7	■	0,4	3 000	-20...+85	50 000 / 20 000	65 500	1		
512 F-532		20	11,8	12	10,8...13,2	30	4,5	■	0,9	5 000	-20...+85	50 000 / 20 000	65 500	2		

