



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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Max. 61 m<sup>3</sup>/h

# AC axial fans

□ 80 x 38 mm



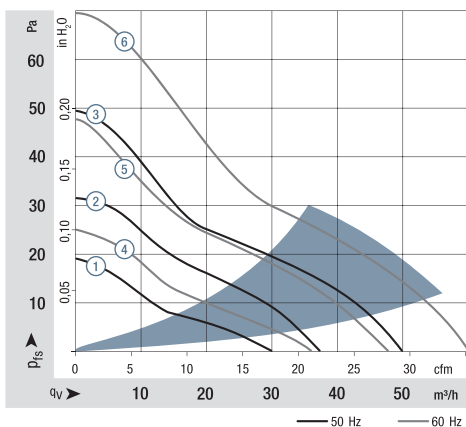
- **Material:** Housing: Die-cast aluminum  
Impeller: painted sheet steel
- **Direction of air flow:** Exhaust over struts
- **Direction of rotation:** Clockwise, looking towards rotor
- **Connection:** Via 2 single wires  
grounding lug for M4 x 8
- **Weight:** 490 g
- **Note:** Please note our new ACmaxx series.  
With identical mounting dimensions and voltages,  
this series achieves greater energy efficiency.  
See page 188.
- **Possible special versions:**  
(See page 12)
  - Moisture protection
  - Salt spray protection
  - Degree of protection: IP 54 / IP 65

## Series 8000 N

Nominal data	Air flow		Nominal voltage	Frequency	Sound pressure level	Sound power level	Sinter sleeve bearings Ball bearings	Power consumption	Nominal speed	Temperature range	Service life L <sub>10</sub>		Curve
	m <sup>3</sup> /h	cfm									VAC	Hz	
8880 N	30	17.7	230	50	18	3.3	□	9.0	1 750	-10...+80	60 000 / 25 000		①
8850 N	37	21.8	230	50	24	3.9	□	12.5	2 150	-10...+70	52 500 / 25 000		②
8550 N	50	29.4	230	50	30	4.4	□	12.0	2 700	-10...+70	52 500 / 25 000		③
8556 N	50	29.4	230	50	31	4.5	■	12.0	2 800	-40...+90	52 500 / 15 000		③
8830 N	36	21.2	115	60	21	3.7	□	8.0	1 950	-10...+80	62 500 / 25 000		④
8800 N	47	27.7	115	60	28	4.3	□	11.0	2 500	-10...+70	55 000 / 27 500		⑤
8500 N	61	35.9	115	60	34	4.8	□	11.0	3 200	-10...+75	55 000 / 25 000		⑥
8506 N	61	35.9	115	60	35	5.0	■	11.0	3 300	-40...+95	55 000 / 15 000		⑥

Subject to change

Fan type					Length "L"	Connection wires
8880 N	8830 N	8800 N	8550 N	8500 N	310 mm long	AWG 18, TR 64
8556 N	8506 N				310 mm long	AWG 22
8850 N					440 mm long	AWG 18, TR 64



Air performance measured according to: ISO 5801.  
Installation category A, without contact protection.  
Noise: Total sound power level L<sub>WA</sub> ISO 103002 measured on a hemisphere with a radius of 2 m.  
Sound pressure level L<sub>pA</sub> measured at 1 m distance from fan axis.  
The values given are applicable only under the specified measuring conditions and may differ depending on the installation conditions.  
In the event of deviation from the standard configuration, the parameters must be checked after installation!  
For detailed information see [http://www.ebmpapst.com/general\\_conditions](http://www.ebmpapst.com/general_conditions)

