Max. 61 m³/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 ACmaxx series.
  With identical mounting dimensions and voltages, this series achieves greater energy efficiency.
  See page 196.

- **Possible special versions:**
  (See page 10)
  - Moisture protection
  - Salt spray protection
  - Degree of protection: IP 54 / IP 65

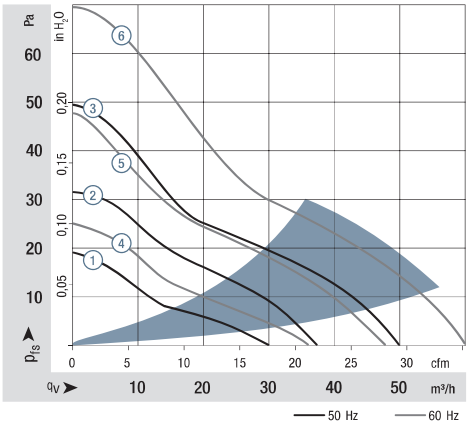
Series 8000 N
VWC0080AQHCS

Nominal data

Type	Air flow m³/h	Air flow cfm	Nominal voltage VAC	Frequency Hz	Sound pressure level dB(A)	Sound power level Bel(A)	Sintec sleeve bearings / Ball bearings □/■	Power consumption Watts	Nominal speed rpm⁻¹	Temperature range °C	Service life L_{10} (40 °C) ebm-papst standard / Service life L_{10} (T_{max}) ebm-papst standard Hours	Life expectancy L_{10IPC} (40 °C) see page 15 Hours	Curve
8880 N	30	17.7	**230**	**50**	18	3.3	□	9.0	1 750	-10...+80	60 000 / 20 000	102 500	①
8850 N	37	21.8	**230**	**50**	24	3.9	□	12.5	2 150	-10...+70	52 500 / 27 500	87 500	②
8550 N	50	29.4	**230**	**50**	30	4.4	□	12.0	2 700	-10...+70	52 500 / 27 500	87 500	③
8556 N	50	29.4	**230**	**50**	31	4.5	■	12.0	2 800	-40...+90	52 500 / 10 000	87 500	③
8830 N	36	21.2	**115**	**60**	21	3.7	□	8.0	1 950	-10...+80	62 500 / 20 000	105 000	④
8800 N	47	27.7	**115**	**60**	28	4.3	□	11.0	2 500	-10...+70	55 000 / 27 500	92 500	⑤
8500 N	61	35.9	**115**	**60**	34	4.8	□	11.0	3 200	-10...+75	55 000 / 22 500	92 500	⑥
8506 N	61	35.9	**115**	**60**	35	5.0	■	11.0	3 300	-40...+95	55 000 / 9 000	92 500	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_{WA} ISO 10302 measured on a hemisphere with a radius of 2 m.
Sound pressure level L_{pA} 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

