Max. 180 m³/h

AC axial fans

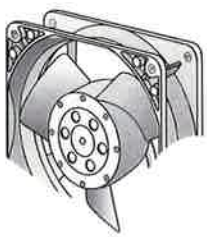
☐ 119 x 38 mm

- **Material:** Housing: Die-cast aluminum
  Impeller: painted sheet steel
- **Direction of air flow:** Intake over struts
  Types 4890 N and 4840 N
  Exhaust over struts
- **Direction of rotation:** Clockwise,
  looking towards rotor
- **Connection:** Via 2 flat plugs 2.8 x 0.5 mm
  grounding lug for M4
- **Weight:** 550 g
- **Note:**
  Please note our new ACmaxx series. With identical mounting dimensions and voltages, this series achieves greater energy efficiency. See page 192.

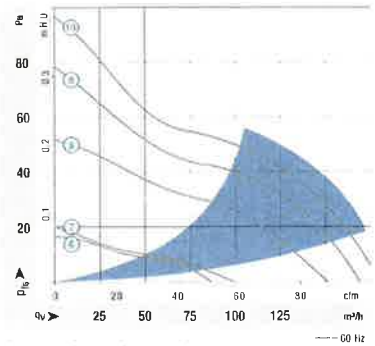
- **Available as an option:**
  Versions with reinforced mounting flanges and exposed external single wires.
- **Possible special versions:**
  (See page 12)
  - Speed signal
  - Moisture protection
  - Salt spray protection
  - Degree of protection: IP 54 / IP 65

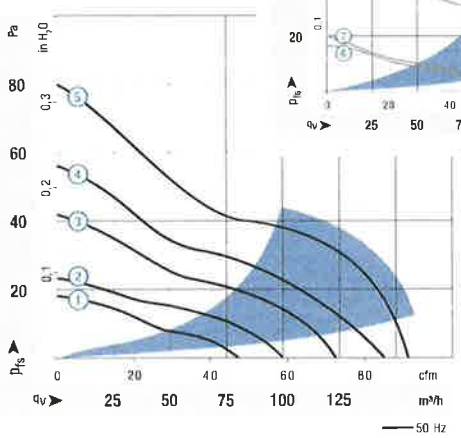
Series 4000 N **Nominal data**	Air flow	Air flow	Nominal voltage	Frequency	Sound pressure level	Sound power level	Sintec sleeve bearings / Ball bearings	Power consumption	Nominal speed	Temperature range	Service life L_{10} at 40 °C	at T_{max}	Curve
Type	**m³/h**	**cfm**	**VAC**	**Hz**	**dB(A)**	**Bel(A)**	**□ / ■**	**Watts**	**rpm⁻¹**	**°C**	**Hours**	**Hours**	
4890 N	80	47.0	**230**	**50**	25	4.0	□	11.0	1 550	-10...+70	55 000 / 27 500		①
4850 N*	100	58.8	**230**	**50**	32	4.4	□	10.0	1 800	-10...+70	57 500 / 27 500		②
4580 N*	123	72.3	**230**	**50**	41	5.2	□	18.0	2 350	-10...+55	40 000 / 27 500		③
4550 N*	145	85.2	**230**	**50**	44	5.4	□	16.5	2 550	-10...+55	42 500 / 30 000		④
4650 N	160	94.1	**230**	**50**	46	5.4	□	19.0	2 650	-10...+55	37 500 / 27 500		⑤
4656 N	160	94.1	**230**	**50**	47	5.5	■	19.0	2 650	-40...+85	37 500 / 15 000		⑤
4840 N	85	50.0	**115**	**60**	26	4.1	□	10.0	1 650	-10...+75	57 500 / 25 000		⑥
4800 N*	97	57.0	**115**	**60**	32	4.3	□	9.0	1 750	-10...+75	60 000 / 27 500		⑦
4530 N*	151	88.8	**115**	**60**	45	5.4	□	16.0	2 700	-10...+65	42 500 / 25 000		⑧
4500 N*	169	100	**115**	**60**	48	5.7	□	15.0	3 000	-10...+65	47 500 / 25 000		⑨
4600 N	180	106	**115**	**60**	50	5.7	□	18.0	3 100	-10...+60	40 000 / 25 000		⑩
4606 N	180	106	**115**	**60**	51	5.8	■	18.0	3 100	-40...+90	40 000 / 15 000		⑩

Subject to change



* Fan with 3 blades.





Air performance measured according to: ISO 5801.
Installation category A, without contact protection.
Noise: Total sound power level L_{WA} ISO 103002 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