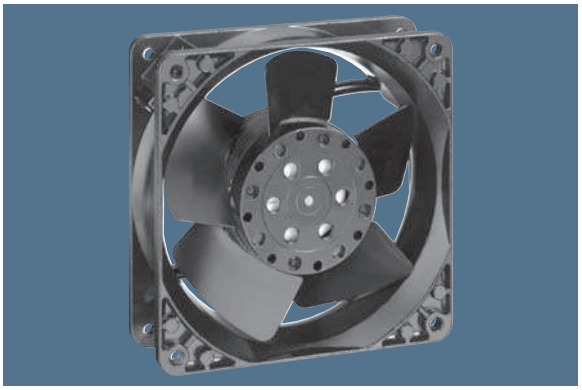
max. 180 m³/h

AC axial fans

Series 4000 N 119 x 119 x 38 mm



- AC fans with external rotor shaded-pole motor. Impedance protected against overloading.
- Metal fan housing and impeller
- Air intake over struts. Direction of rotation clockwise, seen on rotor.
  Types 4890 N and 4840 N air exhaust over struts.
- Electrical connection via 2 flat plugs 3.0 x 0.5 mm.
- Impeller with 3 or 5 blades, see note for fan type.
- Optionally available: Models with reinforced flanges and single leads.
- Fan housing with grounding lug for screw M 4 and UNC.
- Mass: 550 g.
- Please note our new ACmaxx series. With identical mounting dimensions and voltages, this series achieves higher energy efficiency.

Nominal data	Air flow	Air flow	Nominal voltage	Frequency	Sound pressure level	Sound power level	Sintec sleeve bearings / Ball bearings	Power input	Nominal speed	Temperature range	Service life L_{10} at 40 °C	at T_{max}	Curve
Type	**m³/h**	**CFM**	**V**	**Hz**	**dB(A)**	**Bel(A)**	□ / ■	**Watts**	**RPM**	**°C**	**Hours**	**Hours**	
4890 N	80	47,1	**230**	**50**	25	4,0	□	11,0	1 550	-10...+70	55 000	/ 27 500	1
4850 N*	100	58,9	**230**	**50**	32	4,4	□	10,0	1 800	-10...+70	57 500	/ 27 500	2
4580 N*	123	72,4	**230**	**50**	41	5,2	□	18,0	2 350	-10...+55	40 000	/ 27 500	3
4550 N*	145	85,3	**230**	**50**	44	5,4	□	16,5	2 550	-10...+55	42 500	/ 30 000	4
4650 N	160	94,2	**230**	**50**	46	5,4	□	19,0	2 650	-10...+55	37 500	/ 27 500	5
4656 N	160	94,2	**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	57,1	**115**	**60**	32	4,3	□	9,0	1 750	-10...+75	60 000	/ 27 500	7
4530 N*	151	88,9	**115**	**60**	45	5,4	□	16,0	2 700	-10...+65	42 500	/ 25 000	8
4500 N*	169	99,5	**115**	**60**	48	5,7	□	15,0	3 000	-10...+65	47 500	/ 25 000	9
4600 N	180	105,9	**115**	**60**	50	5,7	□	18,0	3 100	-10...+60	40 000	/ 25 000	10
4606 N	180	105,9	**115**	**60**	51	5,8	■	18,0	3 100	-40...+90	40 000	/ 15 000	10

230 V and 115 V versions are rated for both 50 Hz and 60 Hz operation.
For 60 Hz data, please refer to the corresponding 115 V 60 Hz model,
for 50 Hz data please refer to the corresponding 230 V 50 Hz model.

* Fan with 3 blades.

