

AC Axial Fans

Series 8000 N 80 x 80 x 38 mm



- AC fans with external rotor shaded-pole motor. Impedance protected against overloading.
- Metal fan housing and impeller.
- Air exhaust over struts. Rotational direction CW looking at rotor.
- Electrical connection via 2 leads. Stripped and tinned ends.
- Fan housing with ground lug for screw M4 x 8 (TORX).
- Mass 490 g.

ebm-papst St. Georgen

Nominal Data	Air Flow		Nominal Voltage	Frequency	Noise		Sinter-Sleeve Bearings Ball Bearings	Power Input	Nominal Speed	Temperature Range	Service Life L ₁₀ at 40 °C		Curve
	m ³ /h	CFM			V	Hz					dB(A)	Bel	
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	

Fan Type				Lead Wires	
8830 N	8800 N	8550 N	8500 N	310 mm long	AWG 18, TR 64
8556 N	8506 N			310 mm long	AWG 22
8880 N	8850 N			440 mm long	AWG 18, TR 64

