

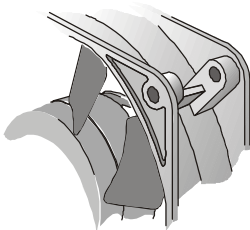
## 8500 VW AC Axial Fan

Especially quiet and compact axial fan. Aerodynamically shaped, all metal construction. Driven by a shaded pole motor. External rotor dynamically balanced in two planes. Five fan blades made of sheet steel directly welded to the rotor. Air exhaust over struts. Rotational direction CW looking at rotor.



### Features

- Impedance protected against overloading.
- For maintenance-free continuous operation.
- Any mounting position.
- Protection class IP 20 according to DIN 40 050.
- Electrical connection via 2 lead wires 310mm long.
- Fan housing with mounting bosses:



### General Data

Nominal voltage	VAC	115
Frequency	Hz	50 60
Nominal speed	rpm	2700 3200
Max. flow rate	m <sup>3</sup> /h	50 61
Max. flow rate	CFM	29.4 35.9
Noise free air	dB(A)	30 34
Noise in optimum operating range	bels	4.4 4.8
Power consumption	W	12 11
Permanent ambient temperature	°C	-10...+70 -10 +75
Service life (T <sub>max</sub> )	h	25.000 25.000
Service life (40 °C)	h	52.500 55.000
Approvals	CSA, UL, VDE	
Fan housing / impeller	Metal / Metal	
Bearing system	Sleeve bearing	
Mass	kg	0.48

All data are mean values at nominal voltage.

Subject to technical change.

