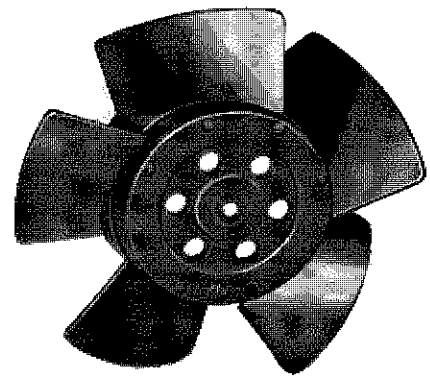
PAPST

4656 EZ

AC Axial Fan

Axial fan for AC operation without housing, for specials applications. Driven by shaded-pole external rotor motor. External rotor dynamically balanced in two planes. 5 fan blades made of sheet steel directly welded to the rotor.



Features

- Overload protection (impedance protected).
- For maintenance-free continuous operation.
- Any mounting position.

The air flow and noise level of fans without external housing depends on the installation conditions. The stated air flow and noise has been measured with an orifice 109 mm Ø at a distance of approx. 17 mm from mounting bracket.

General Data

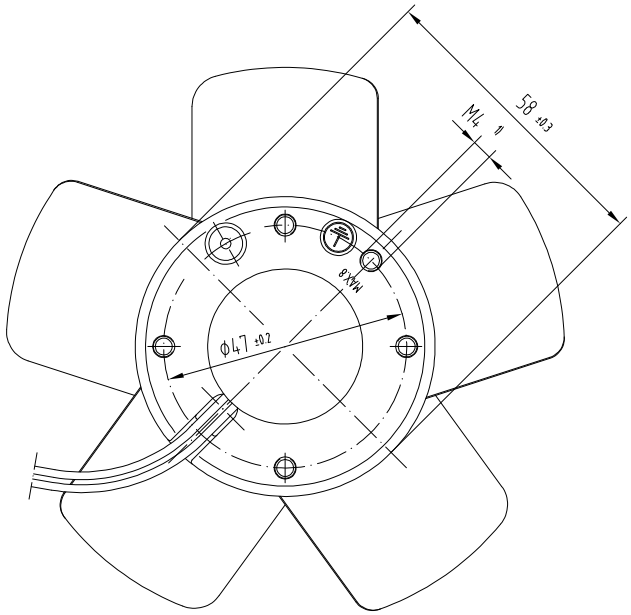
Nominal voltage	V	230	
Frequency	Hz	50	60
Nominal speed	min^{-1}	2600	2950
Max. flow rate	m^3/h	125	140
Max. flow rate	CFM	73,7	82,5
Noise free air	dB(A)	42	45
Power consumption	W	19	18
Perm. ambient temperature	°C	-40 ... +65	-40 ... +65
Service life at T_{max}	h	20.000	
Service life at 40 °C	h	37.500	40.000
Impeller		Metal	
Bearing system		Ball bearings	
Mass	kg	0,38	

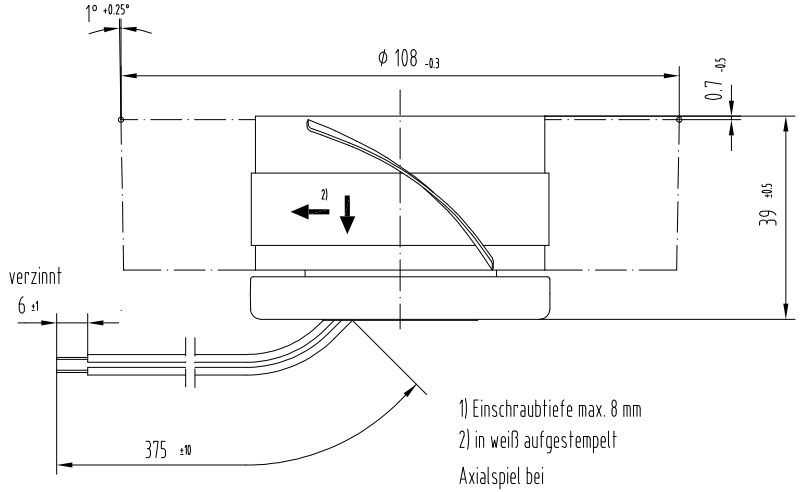
All data are average figures at nominal voltage. Subject to technical change.

Patents granted or applied for.

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Schutzvermerk nach DIN 34 beachten





1) Einschraubtiefe max. 8 mm
2) in weiß aufgestempelt

Axialspiel bei
- Kugellagerung (K): 0 (mit Federausgleich)
- Gleitlagerung (G): 0.1 - 0.6

084
210
232
235
240
516

Allgemeintoleranzen
DIN 2768 - mK

gilt für:
924 4014 942 (K) 4656 EZ
924 4014 945 (K) 4656 EZR
924 4014 951 (G) 4580 EZ-951
(a) 924 4014 007 (K) 4656 EZU

					Datum	Name
				Erstellt	01.09.95	Kieninger
				Geprüft	29.04.96	Wrobel G.

Index	And.-Nr.	Datum	Geändert von
a	Ergänzung	25.03.97	Koletzki M.

Zur Verwendung im Verteiler freigegeben
von Koletzki M. am 25.03.97

PAPST
PAPST-MOTOREN GmbH & Co KG
D-78112 St.Georgen
Germany

Artikel: Axiallüfter

Maßstab: 1:1

Zchg.-Nr.: 924 4014 942

Blatt 2

Ers.f.Zchg.:

K :\ 924\4014\ 942-2.DWG