R4E133-AB15-09

AC centrifugal fan

forward curved

R4E133-AB15-09 ebmpapst Datasheet
sales@fansco.com
www.fansco.com

Nominal data

Type	**R4E133-AB15-09**
Motor	**M4E068-BF**

Phase		1~
Nominal voltage	VAC	230
Frequency	Hz	50
Type of data definition		-
Valid for approval / standard		CE
Speed	min^{-1}	-
Power input	W	-
Current draw	A	-
Motor capacitor	µF	1.5
Capacitor voltage	VDB	400
Capacitor standard		P0 (CE)
Max. ambient temperature	°C	-

ml = max. load · me = max. efficiency · fa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

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Technical features

Mass	1.2 kg
Size	133 mm
Material of impeller	Sheet steel, galvanised
Direction of rotation	Counter-clockwise, seen on rotor
Type of protection	IP 20
Insulation class	"B"
Humidity class	F0
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Mounting position	Any
Condensate discharge holes	None
Operation mode	S1
Motor bearing	Calotte bearing
Touch current acc. IEC 60990 (measuring network Fig. 4, TN system)	< 0.75 mA
Cable exit	Lateral

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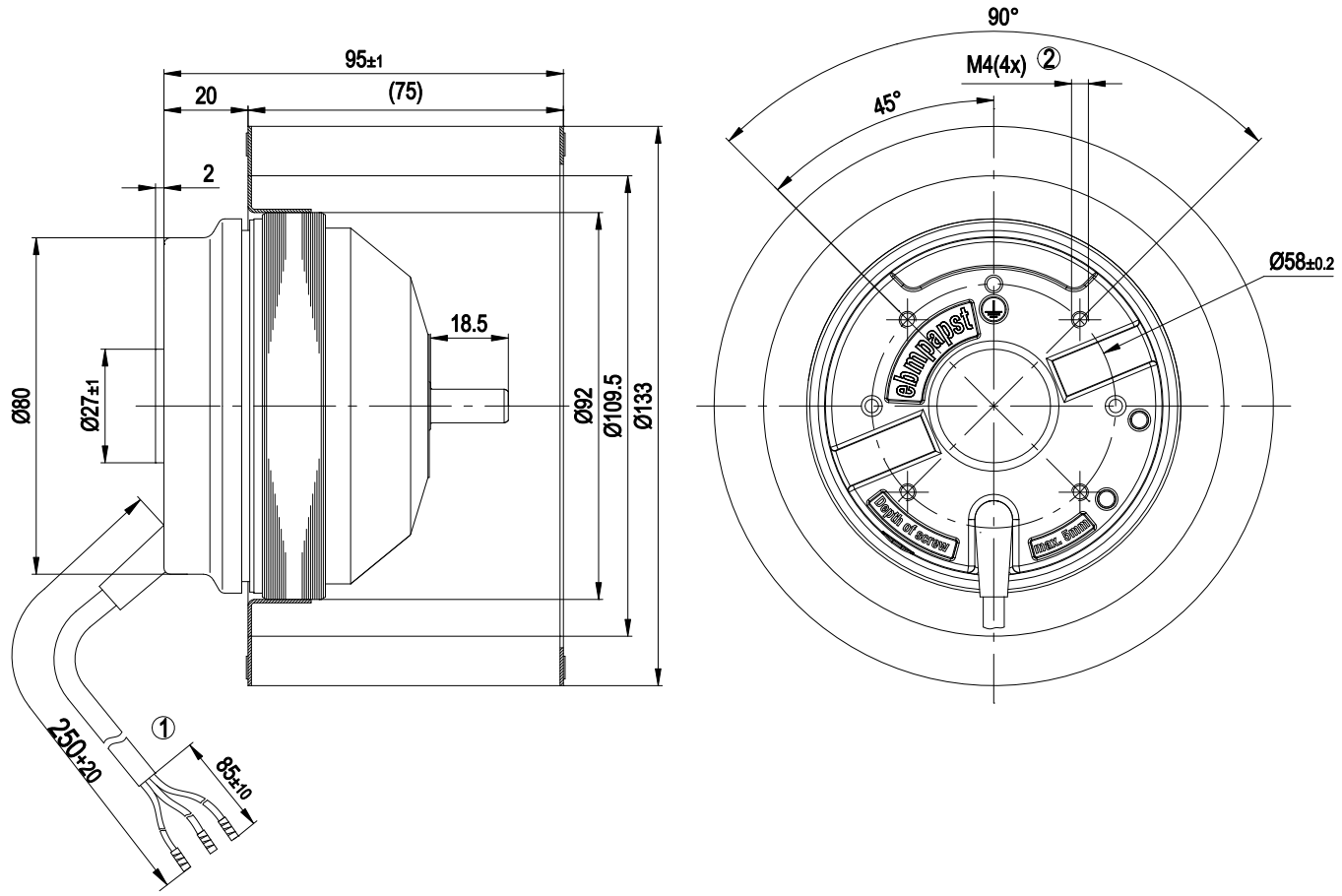
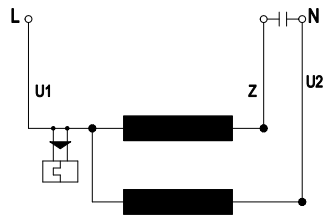
Product drawing



1	Connection line PVC 3X0.5 , 3x brass lead tips crimped
2	Depth of screw max. 5 mm

Connection screen



U1	blue	Z	brown	U2	black

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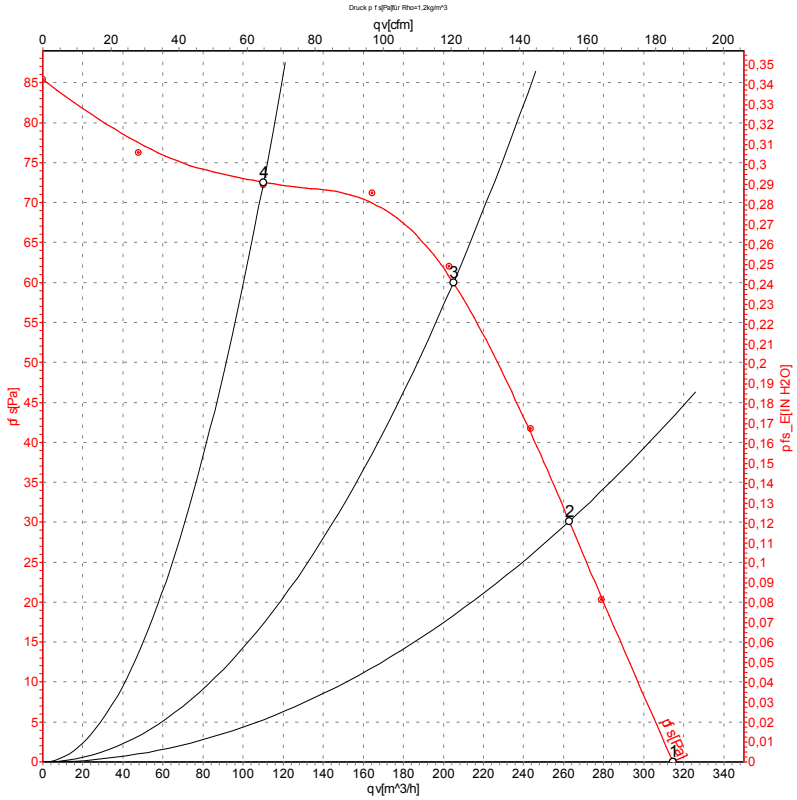
Charts: Air flow 50 Hz



Measurement: LU-184

Air performance measured as per ISO 5801 Installation category A. For detailed information on the measuring set-up, please contact ebm-papst. Suction-side noise levels: LwA measured as per ISO 13347 / LpA measured with 1m distance to fan axis. The values given are valid under the measuring conditions mentioned above and may vary according to the actual installation situation. With any deviation from the standard set-up, the specific values have to be checked and reviewed with the unit installed.

Measured values

	U	f	n	P_e	I	qv	p_{fs}
	V	Hz	min^{-1}	W	A	m^3/h	Pa
1	220	50	910	37	0.17	315	0
2	220	50	1045	36	0.16	265	30
3	220	50	1155	35	0.16	205	60
4	220	50	1235	33	0.15	110	72

U = Supply voltage · f = Frequency · n = Speed · P_e = Power input · I = Current draw · qv = Air flow · p_{fs} = Pressure increase