

AC centrifugal fan

forward curved

R4E200-AB63-13 ebmpapst Datasheet
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Nominal data

Type	R4E200-AB63-13	
Motor	M4E068-CF	
Phase		1~
Nominal voltage	VAC	230
Frequency	Hz	50
Type of data definition		cu
Valid for approval / standard		CE
Speed	min ⁻¹	1220
Power input	W	92
Current draw	A	0.42
Motor capacitor	µF	2
Capacitor voltage	VDB	400
Capacitor standard		P0 (CE)
Max. ambient temperature	°C	50

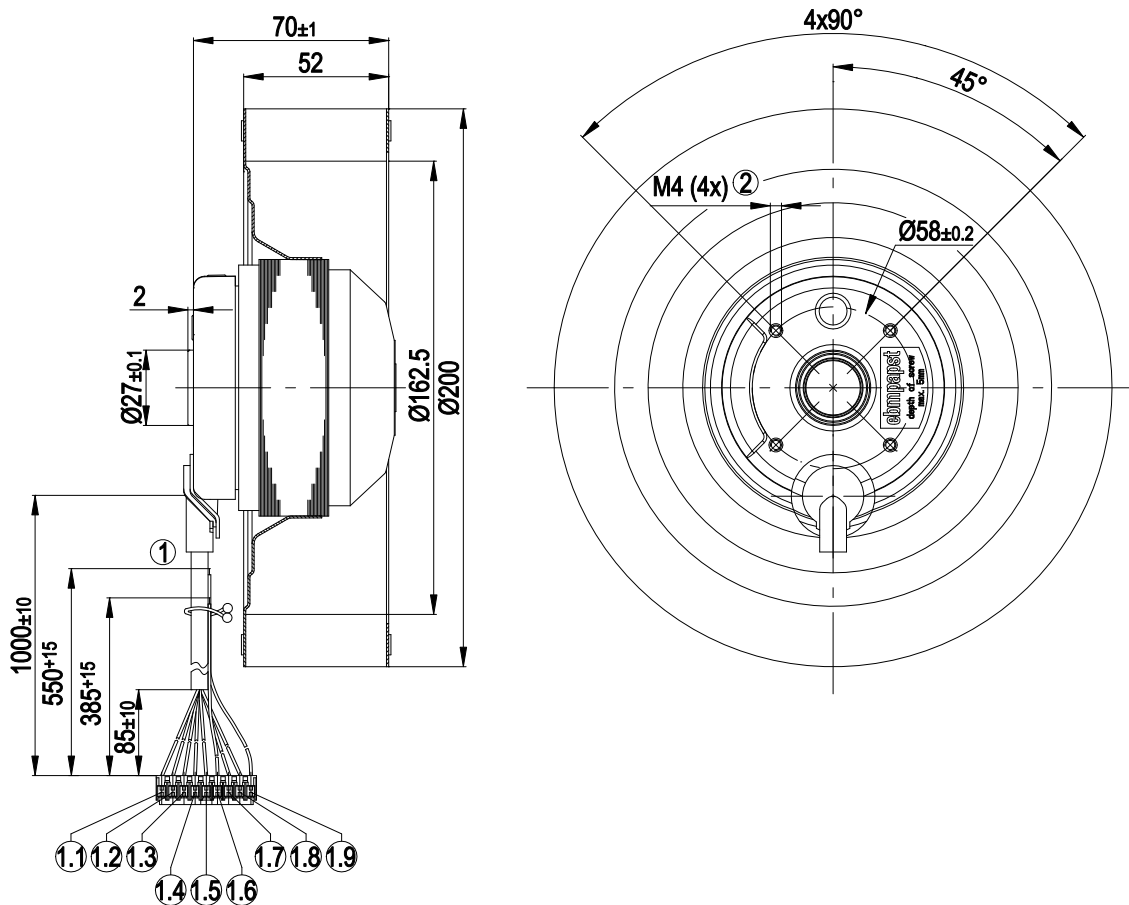
ml = max. load · me = max. efficiency · fa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations



Technical features

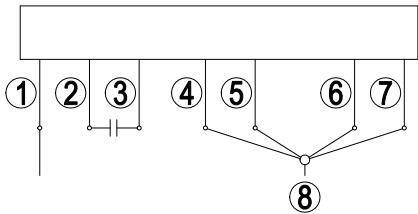
Mass	1.7 kg
Size	200 mm
Material of impeller	Sheet steel, hot-galvanised
Direction of rotation	Clockwise, seen on rotor
Type of protection	IP 44
Insulation class	"B"
Humidity class	F0
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Mounting position	Any
Condensate discharge holes	None
Operation mode	S1
Motor bearing	Ball bearing
Speed steps	4
Touch current acc. IEC 60990 (measuring network Fig. 4, TN system)	< 0.75 mA
Motor protection	Thermal overload protector (TOP) wired internally
Cable exit	Lateral
Protection class	I (if protective earth is connected by customer)
Product conforming to standard	EN 60335-1; CE

Product drawing



1	Connection line halogen-free 7X 0.5mm ² , connector shell MTL1F 6699-6-000-909
1.1	Step IV / black
1.2	Stage III / grey
1.3	Capacitor / yellow
1.4	Step II / red
1.5	Step I / white
1.6	Light cable / white
1.7	Capacitor / brown
1.8	N / blue
1.9	Light cable / white
2	Depth of screw max. 5 mm

Connection screen

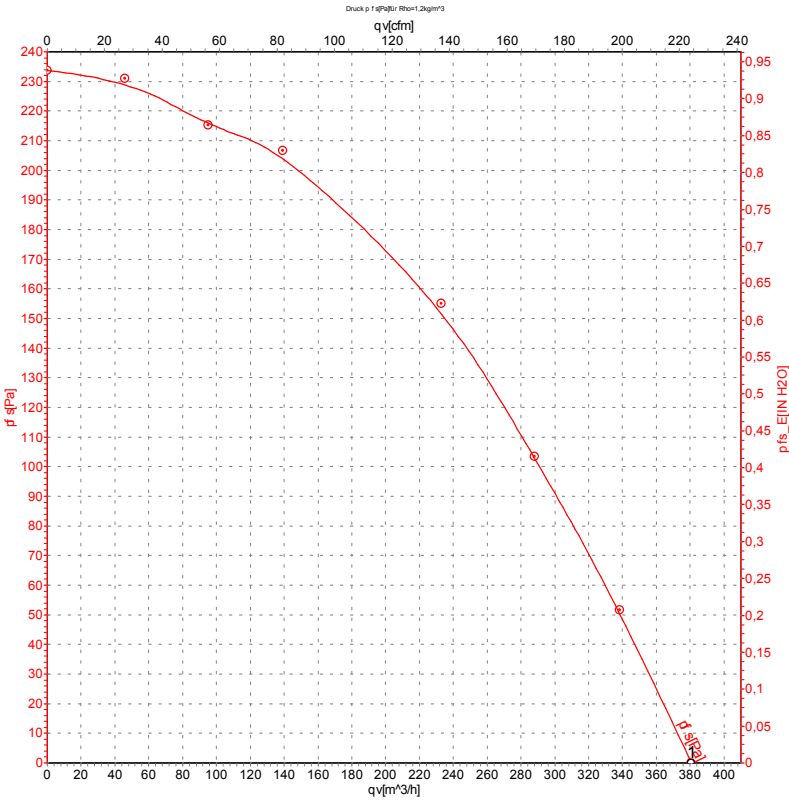


Note: fast speed (step IV); slow speed (step I); the switch must interrupt the circuit during the changeover.

1	= N = blue
2	brown
3	yellow
4	Step I black 1 / white
5	Step II black 2 / red
6	Step III black 3 / grey
7	Step IV black 4 / black
8	L1



Charts: Air flow 50 Hz



Measurement: LU-30778

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

	Stage	U	f	n	P _e	I	qv
		V	Hz	min ⁻¹	W	A	m ³ /h
1	4	230	50	1220	92	0.42	380

U = Supply voltage · f = Frequency · n = Speed · P_e = Power input · I = Current draw · qv = Air flow

