R2E190-AV40-09



AC centrifugal fan

backward curved, single inlet

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Nominal data

Type	R2E190-AV40-09
Motor	**M2E068-CF**

Phase		1~	
Nominal voltage	VAC	230	
Frequency	Hz	50	
Type of data definition		ml	
Valid for approval / standard		CE	
Speed	min^{-1}	2800	
Power input	W	60	
Current draw	A	0.26	
Motor capacitor	µF	2	
Capacitor voltage	VDB	450	
Min. ambient temperature	°C	-25	
Max. ambient temperature	°C	50	

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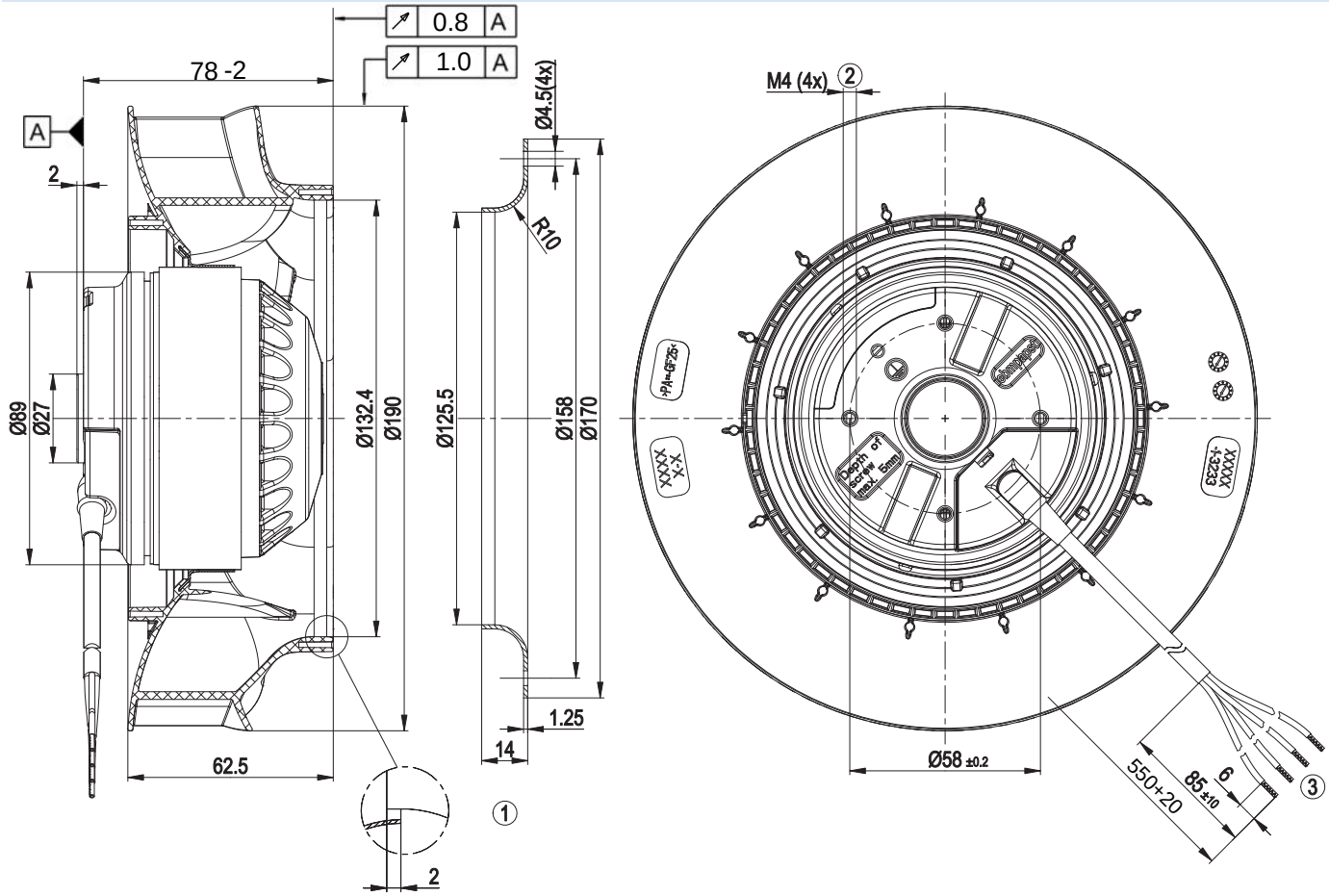
Technical features

Mass	1.78 KG
Size	190 mm
Surface of rotor	Coated in black
Material of impeller	PA plastic
Number of blades	16
Direction of rotation	Clockwise, seen on rotor
Type of protection	IP 44; Depending on installation and position as per EN 60034-5
Insulation class	"B"
Humidity class	F1-2
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Mounting position	Shaft horizontal or rotor on bottom; rotor on top on request
Condensate discharge holes	Rotor-side
Operation mode	S1
Motor bearing	Ball bearing
Touch current acc. IEC 60990 (measuring network Fig. 4, TN system)	< 0.75 mA
Motor protection	Thermal overload protector (TOP) wired internally
Cable exit	Variable
Protection class	I (if protective earth is connected by customer)
Product conforming to standard	EN 60335-1; CE
Balancing grade	DIN ISO 1940 G5.2
Approval	CCC

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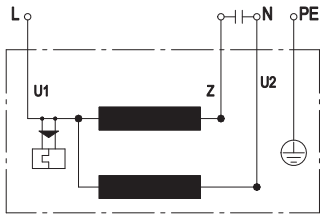
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Product drawing



1	Accessory part: Inlet nozzle 09576-2-4013, not included in the standard scope of delivery
2	Depth of screw max. 5 mm
3	Connection line PVC 4G 0.5 mm², 4x brass lead tips crimped
Remark	keep the same install dimension , prodfile can adjust according to the different impeller design

Connection screen



U1	blue	Z	brown	U2	black
PE	green/yellow				

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Charts: Air flow 50 Hz

