

R2E280-AE52-05

# AC centrifugal fan

backward curved, single inlet



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## Nominal data

Type	R2E280-AE52-05	
Motor	M2E068-EC	
Phase		1~
Nominal voltage	[V]	230
Frequency	[Hz]	50
Type of data definition		rfa
Valid for approval / standard		CE
Speed	[min <sup>-1</sup> ]	2700
Power input	[W]	225
Current draw	[A]	1.0
Motor capacitor	[μF]	7
Capacitor voltage	[VDB]	400
Capacitor standard		P0 (CE)
Min. back pressure	[Pa]	0
Max. ambient temperature	[°C]	40

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

## Technical features

<b>Leakage current</b>	< 0,75 mA
<b>Size</b>	280 mm
<b>Operation mode</b>	Continuous operation (S1)
<b>Direction of rotation</b>	Clockwise, seen on rotor
<b>Humidity class</b>	F1-2
<b>Insulation class</b>	"F"
<b>Cable exit</b>	Variable
<b>Bearing motor</b>	Ball bearing
<b>Mass</b>	3.0 kg
<b>Material of electronics housing</b>	Rotor: Coated in black
<b>Material of impeller</b>	Sheet steel, coated in black
<b>Motor protection</b>	Thermal overload protector (TOP) wired internally
<b>Product conforming to standard</b>	CE
<b>Number of blades</b>	11
<b>Type of protection</b>	IP 44
<b>Protection class</b>	I
<b>Approval</b>	CCC; GOST

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## Product drawing

