

R2E140-AI28-05

AC centrifugal fan

forward curved, single inlet



ebm-papst Mulfingen GmbH & Co. KG

Bachmühle 2

74673 Mulfingen

Phone: +49 7938 81-0

Fax: +49 7938 81-110

www.ebmpapst.com

info1@de.ebmpapst.com

Nominal data

Type	R2E140-AI28-05			
Motor	M2E068-DF			
Phase		1~	1~	1~
Nominal voltage	[V]	230	230	230
Frequency	[Hz]	50	60	60
Type of data definition		rfa	rfa	rfa
Valid for approval / standard		CE	CE	UL 2111
Speed	[min ⁻¹]	2400	2350	2350
Power input	[W]	160	205	220
Current draw	[A]	0,7	0.9	0.96
Motor capacitor	[µF]	4	4	4
Capacitor voltage	[VDB]	400	400	400
Min. back pressure	[Pa]	0	0	0
Max. ambient temperature	[°C]	70	45	45
Air flow	[m ³ /h]	485	480	480
Back pressure	[Pa]	0	0	0
Sound pressure level	[dB(A)]	72	71	71

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

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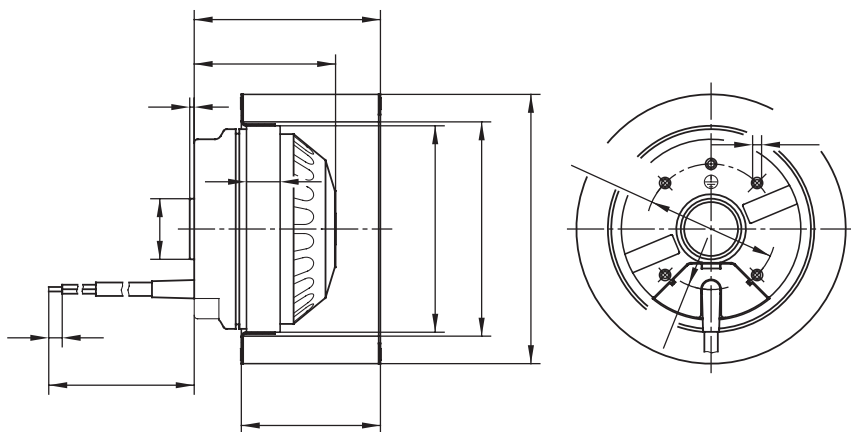
Technical features

Size	140 mm
Operation mode	Continuous operation (S1)
Direction of rotation	Clockwise, seen on rotor
Insulation class	"B"
Cable exit	Variable
Bearing motor	Ball bearing
Mass	2.1 kg
Material of electronics housing	Rotor: Partially cast in aluminum
Material of impeller	Sendzimir galvanized sheet steel
Motor protection	Thermal overload protector (TOP) wired internally
Product conforming to standard	CE
Type of protection	IP 44 - depending on position
Protection class	I
Approval	CCC; GOST

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Product drawing

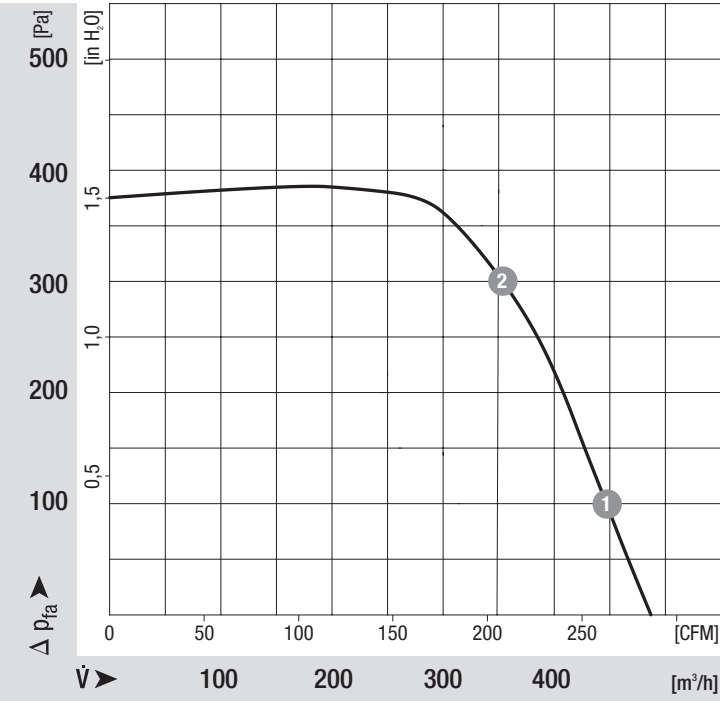


U_1 = BU niebieski
 U_2 = BK czarny
 Z = BN brązowy
 = GNYE zielony/zolty

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Charts: Air flow 50 Hz



Measured values

	n	P ₁	I
	[min ⁻¹]	[W]	[A]
1	2485	148	0.65
2	2630	128	0.57

Charts: Air flow 60 Hz

