

R4E400-AB23-05

AC centrifugal fan

backward curved, single inlet



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Nominal data

Type	R4E400-AB23-05	
Motor	M4E074-EI	
Phase		1~
Nominal voltage	[V]	230
Frequency	[Hz]	50
Type of data definition		rfa
Valid for approval / standard		CE
Speed	[min ⁻¹]	1300
Power input	[W]	270
Current draw	[A]	1.2
Motor capacitor	[μF]	8
Capacitor voltage	[VDB]	400
Min. back pressure	[Pa]	0
Max. ambient temperature	[°C]	45

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

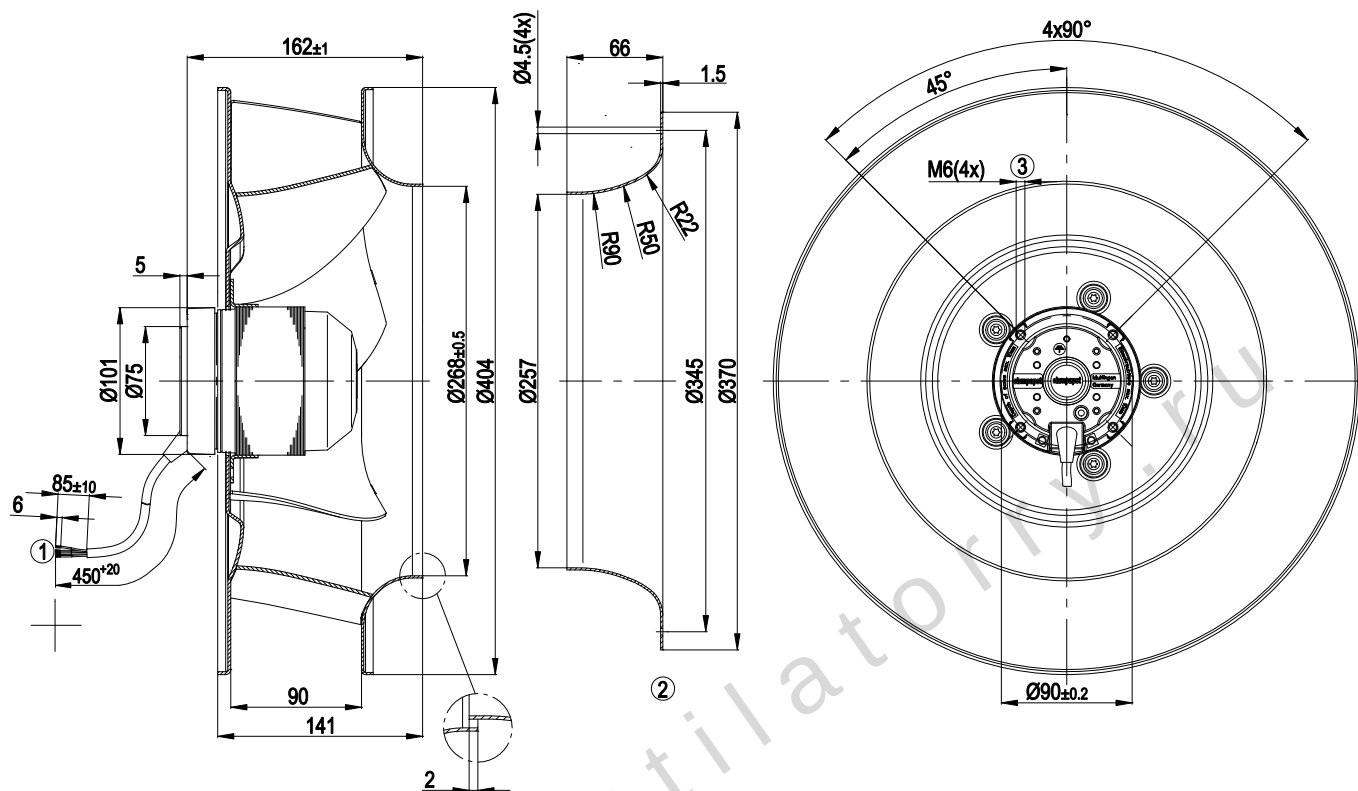
Leakage current	< 0.75 mA
General description	3D impeller
Size	400 mm
Operation mode	S1
Direction of rotation	Clockwise, seen on rotor
Mounting position	Any
Humidity class	F1-2
Insulation class	"F"
Cable exit	Variable
Condensate discharge holes	None
Bearing motor	Ball bearing
Mass	5.1 kg
Material of impeller	Aluminum sheet, joined by tabs
Motor protection	Thermal overload protector (TOP) wired internally
Product conforming to standard	CE; EN 60335-1
Surface of rotor	Coated in black
Number of blades	6
Type of protection	IP 44; Depending on installation and position
Protection class	I
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Approval	CCC; GOST

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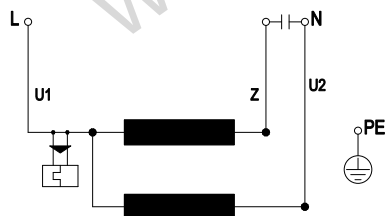
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Product drawing



1	Connection line silicone 4G 0.5 mm ² , 4 x brass lead tips crimped
2	Accessory part: inlet nozzle 54476-2-4013, not included in the standard scope of delivery; other inlet nozzles on request
3	Depth of screw max. 12 mm

Connection screen



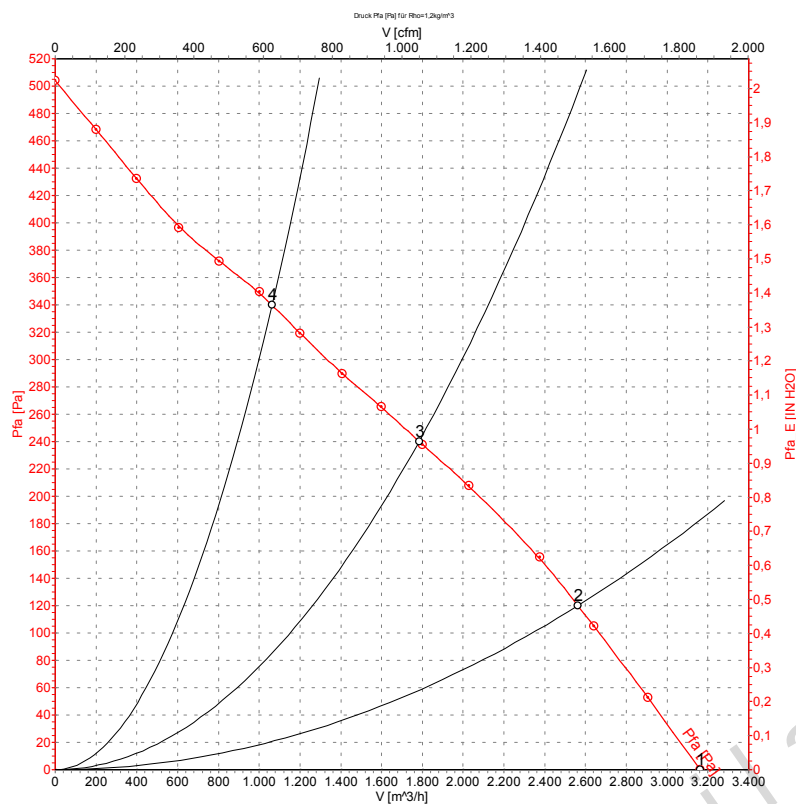
U1	blue	Z	brown	U2	black
PE	green/yellow				

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Charts: Air flow 50 Hz



Measured values

	U	f	n	P ₁	I	$\dot{V}$	P _{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m³/h]	[Pa]
1	230	50	1300	270	1.20	3160	0
2	230	50	1235	303	1.33	2565	120
3	230	50	1195	315	1.38	1785	240
4	230	50	1255	293	1.28	1060	340