

Beijing Hengrui Mechanical and Electrical Equipment Co.,Ltd
Phone +86 10-62547612
zhangyu@bjhengrui.cn
en.bjhengrui.com

Nominal data

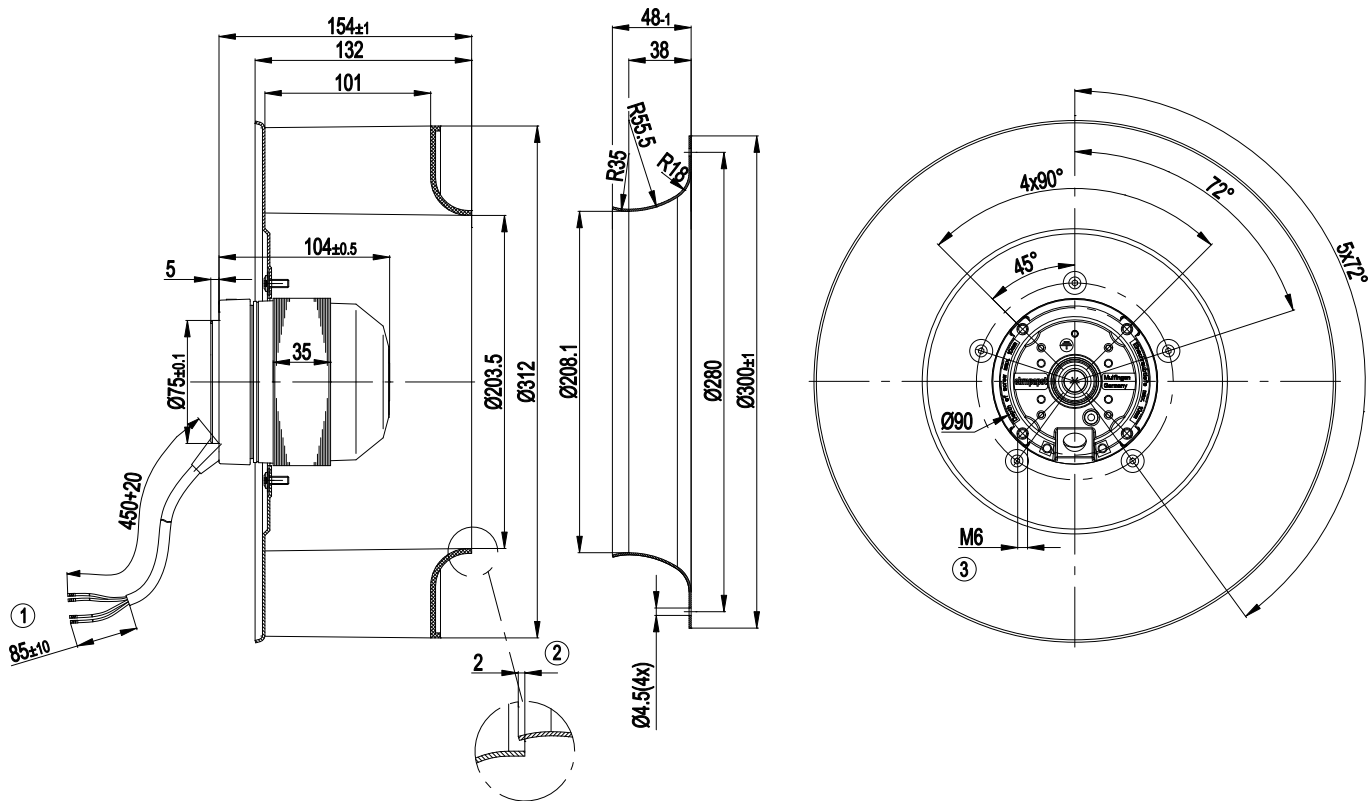
Type	R4E310-AF12-05		
Motor	M4E074-DF		
Phase		1~	1~
Nominal voltage	[V]	230	230
Frequency	[Hz]	50	60
Type of data definition		ml	ml
Valid for approval / standard		CE	CE
Speed	[min ⁻¹]	1430	1670
Power input	[W]	105	150
Current draw	[A]	0.47	0.67
Motor capacitor	[μF]	4	4
Capacitor voltage	[VDB]	400	400
Min. back pressure	[Pa]	0	0
Max. ambient temperature	[°C]	60	50

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

Technical features

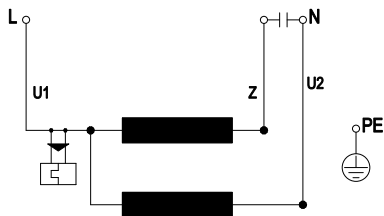
Leakage current	< 0,75 mA
Size	310 mm
Operation mode	S1
Direction of rotation	Clockwise, seen on rotor
Mounting position	Shaft horizontal or rotor on bottom; rotor on top on request
Humidity class	F1-2
Insulation class	"B"
Cable exit	Axial
Condensate discharge holes	None
Bearing motor	Ball bearing
Mass	3.7 kg
Material of impeller	Plastic PA6, fibreglass-reinforced
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 position
Protection class	I
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Approval	CCC

Product drawing



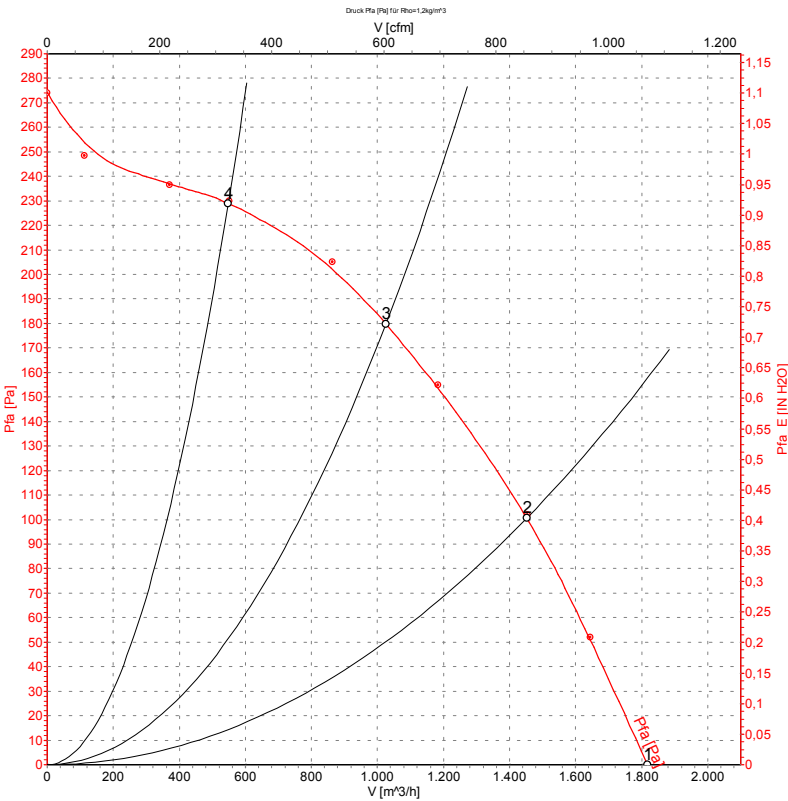
- | | |
|---|--|
| 1 | Connection line PVC, 4x brass lead tips crimped |
| 2 | Accessory part: Inlet nozzle 31050-2-4013, not included in the standard scope of delivery. |
| 3 | Depth of screw max. 10mm |

Connection screen



U1	blue	Z	brown	U2	black
PE	green/yellow				

Charts: Air flow 50 Hz

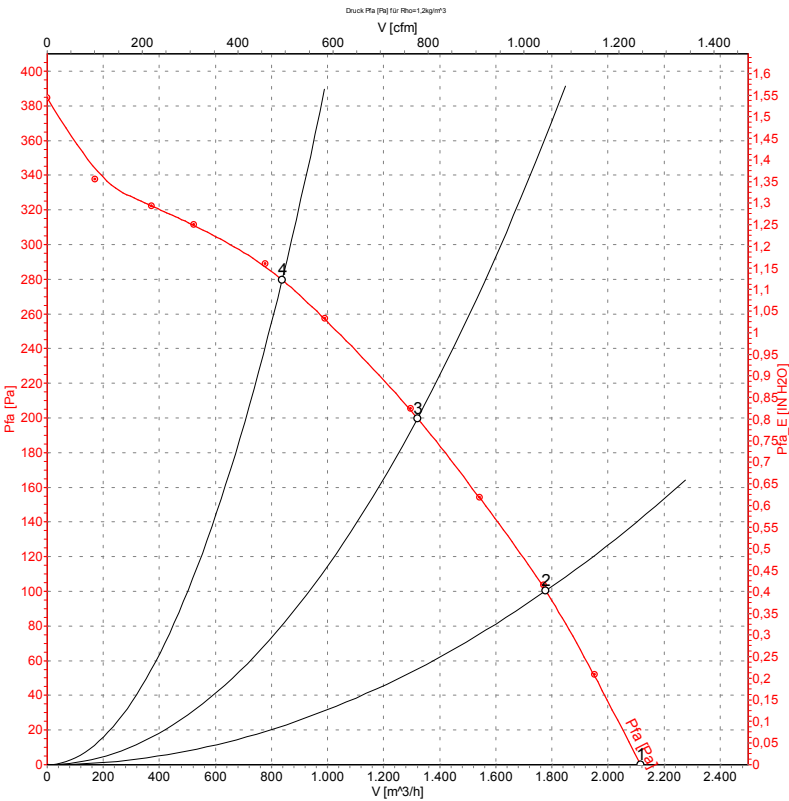


Measurement: LU-28260

Measured values

	U	f	n	P ₁	I	Ṃ	P _{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m³/h]	[Pa]
1	230	50	1430	105	0.47	1815	0
2	230	50	1410	120	0.53	1450	100
3	230	50	1400	126	0.56	1025	180
4	230	50	1410	119	0.53	550	230

Charts: Air flow 60 Hz



Measurement: LU-28261

Measured values

	U	f	n	P ₁	I	Ṃ	P _{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m ³ /h]	[Pa]
1	230	60	1670	150	0.67	2115	0
2	230	60	1620	173	0.76	1780	100
3	230	60	1590	183	0.80	1320	200
4	230	60	1580	184	0.81	840	280