

ASIA PACIFIC SHENGRUI LIMITED

Phone +00852 56261528

info@apacfan.com

www.apacfan.com

Nominal data

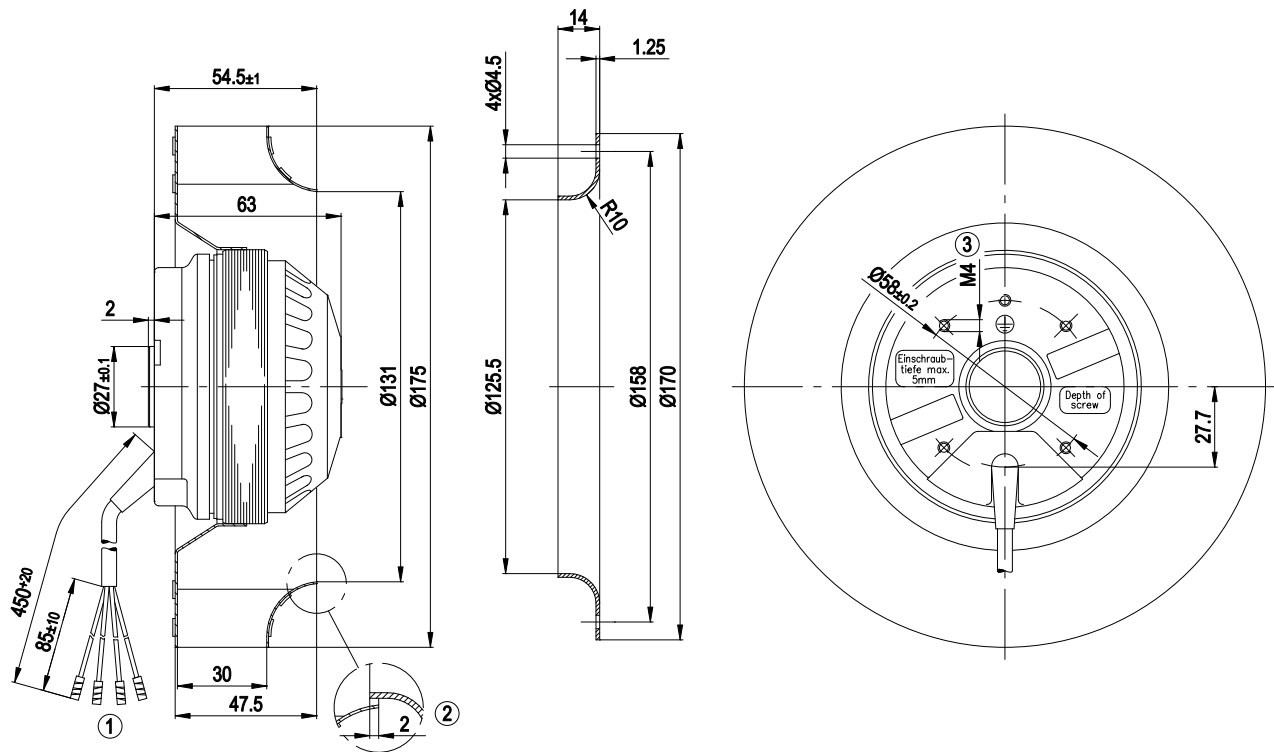
Type	R2E175-AC77-05		
Motor	M2E068-BF		
Phase		1~	1~
Nominal voltage	[V]	230	230
Frequency	[Hz]	50	60
Type of data definition		rfa	rfa
Valid for approval / standard		CE	CE
Speed	[min ⁻¹]	2600	2900
Power input	[W]	55	65
Current draw	[A]	0,25	0.29
Motor capacitor	[μF]	1,5	1.5
Capacitor voltage	[VDB]	450	450
Min. back pressure	[Pa]	0	0
Max. ambient temperature	[°C]	50	65
Air flow	[m ³ /h]	410	460
Back pressure	[Pa]	0	0
Sound pressure level	[dB(A)]	67	70

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

Technical features

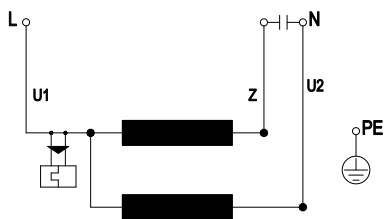
Leakage current	< 0,75 mA
Size	175 mm
Operation mode	S1
Direction of rotation	Clockwise, seen on rotor
Mounting position	Shaft horizontal or rotor on bottom; rotor on top on request
Insulation class	"B"
Cable exit	Variable
Condensate discharge holes	Rotor-side
Bearing motor	Ball bearing
Mass	1.32 kg
Material of impeller	Sheet steel, hot-galvanised
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	16
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



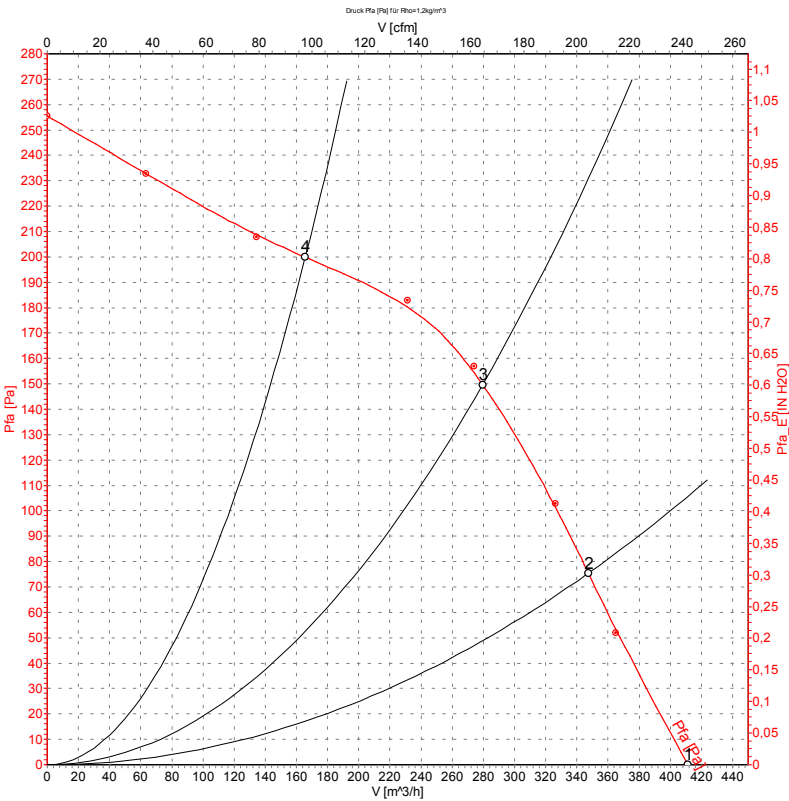
- | | |
|---|---|
| 1 | Connection line PVC, 4x brass lead tips crimped |
| 2 | Accessory part: Inlet nozzle 09576-2-4013, not included in the standard scope of delivery |
| 3 | Depth of screw max. 5 mm |

Connection screen



U1	blue	Z	brown	U2	black
PE	green/yellow				

Charts: Air flow 50 Hz



Measurement: LU-4742

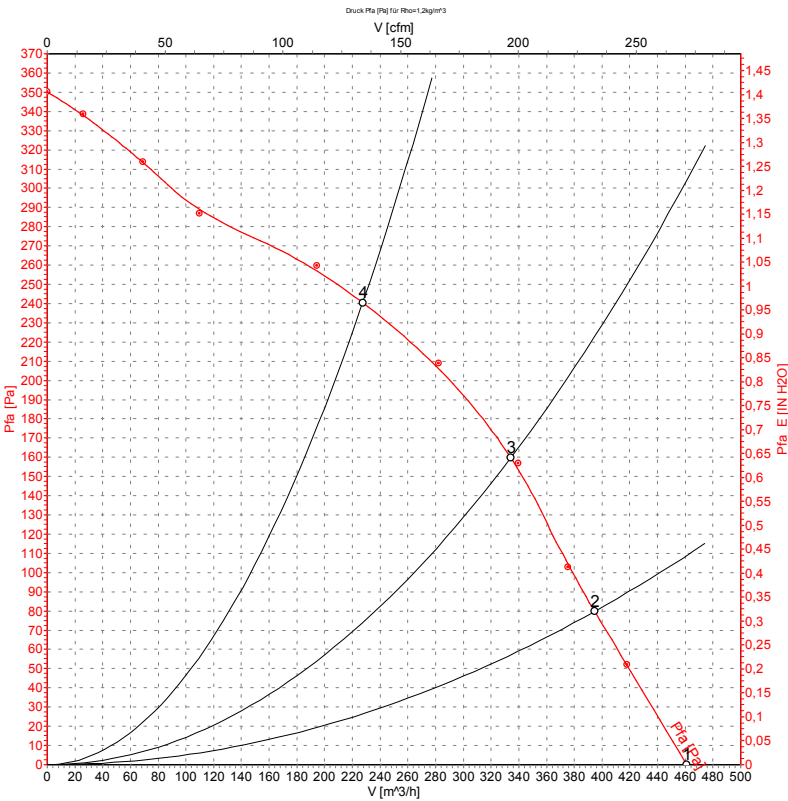
Measured values

	U	f	n	P ₁	I	$\hat{V}$	P _{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m³/h]	[Pa]
1	230	50	2600	55	0.25	410	0
2	230	50	2580	57	0.27	345	75
3	230	50	2570	58	0.27	280	150
4	230	50	2625	56	0.27	165	200

AC centrifugal fan

backward curved, single inlet

Charts: Air flow 60 Hz



Measurement: LU-4739

Measured values

	U	f	n	P ₁	I	$\hat{V}$	P _{fa}
	[V]	[Hz]	[min ⁻¹]	[W]	[A]	[m³/h]	[Pa]
1	230	60	2900	65	0.29	460	0
2	230	60	2875	69	0.30	395	80
3	230	60	2855	69	0.30	335	160
4	230	60	2900	68	0.29	230	240