

R2S133-AE17-05

AC centrifugal fan

backward curved, single inlet



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Nominal data

Type	R2S133-AE17-05		
Motor	M2S052-CA		
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]	2780	3200
Power input	[W]	36	34
Current draw	[A]	0.25	0.21
Min. back pressure	[Pa]	0	0
Max. ambient temperature	[°C]	40	60
Air flow	[m ³ /h]	280	320
Back pressure	[Pa]	0	0
Sound pressure level	[dB(A)]	55	58

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

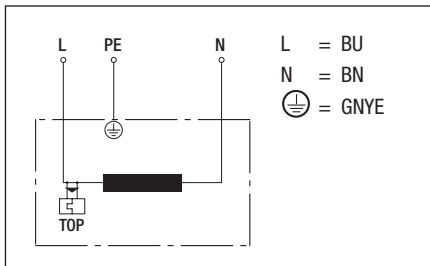
Technical features

Leakage current	< 0,75 mA
Size	133 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	Axial
Condensate discharge holes	Rotor-side
Bearing motor	Ball bearing
Mass	0.9 kg
Material of impeller	PA plastic 6, fiberglass-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	7
Type of protection	IP 22
Protection class	I
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Approval	CCC

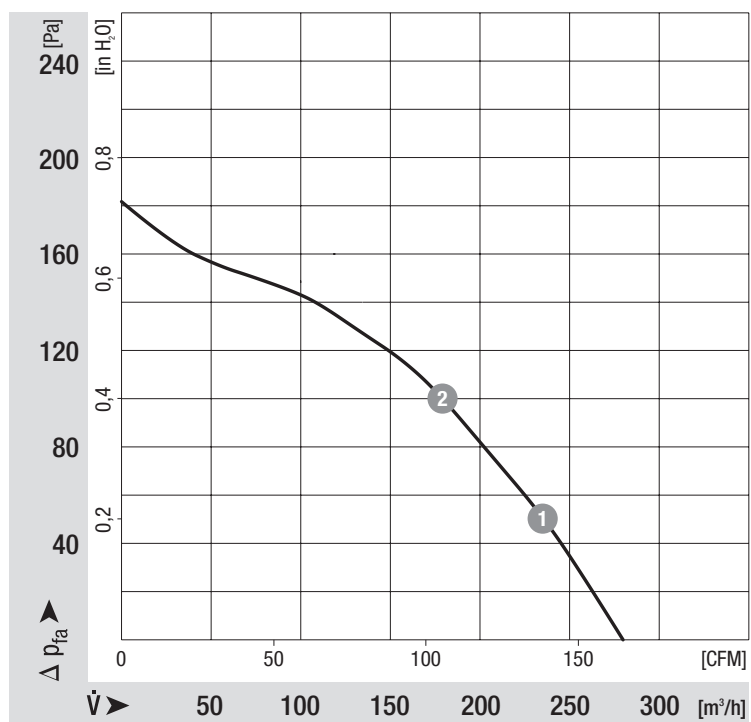
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Connection screen



Charts: Air flow 50 Hz



Measured values

	n	P ₁	I
	[min ⁻¹]	[W]	[A]
1	2720	38	0.57
2	2720	38	0.27

Charts: Air flow 60 Hz

