

R2S133-AE17-05

AC centrifugal fan

backward curved, single inlet



ebm-papst Mulfingen GmbH & Co. KG

Bachmühle 2 · D-74673 Mulfingen

Phone +49 7938 81-0

Fax +49 7938 81-110

info1@de.ebmpapst.com

www.ebmpapst.com

Limited partnership · Headquarters Mulfingen
County court Stuttgart · HRA 590344

General partner: Elektrobau Mulfingen GmbH · Headquarters Mulfingen
County court Stuttgart · HRB 590142

Nominal data

Type	R2S133-AE17-05		
Motor	M2S052-CA		
Phase		1~	1~
Nominal voltage	VAC	230	230
Frequency	Hz	50	60
Type of data definition		fa	fa
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

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

Distributed By:

ARGON
DISTRIBUTORS LTD

Freephone 0508 634 341 | Fax 09 634 7417

7 Monier Pl, Mt Wellington, Auckland 1060, New Zealand



AC centrifugal fan

backward curved, single inlet

Technical features

Mass	0.9 kg
Size	133 mm
Surface of rotor	Coated in black
Material of impeller	PA plastic 6, fiberglass-reinforced
Number of blades	7
Direction of rotation	Clockwise, seen on rotor
Type of protection	IP 22; Depending on installation and position
Insulation class	"B"
Max. permissible ambient motor temp. (transp./ storage)	+ 80 °C
Min. permissible ambient motor temp. (transp./storage)	- 40 °C
Mounting position	Shaft horizontal or rotor on bottom; rotor on top on request
Condensate discharge holes	Rotor-side
Operation mode	S1
Motor bearing	Ball bearing
Leakage current	< 0.75 mA
Motor protection	Thermal overload protector (TOP) wired internally
Cable exit	Axial
Protection class	I (if protective earth is connected by customer)
Product conforming to standard	EN 60335-1; CE
Approval	CCC

Distributed By:

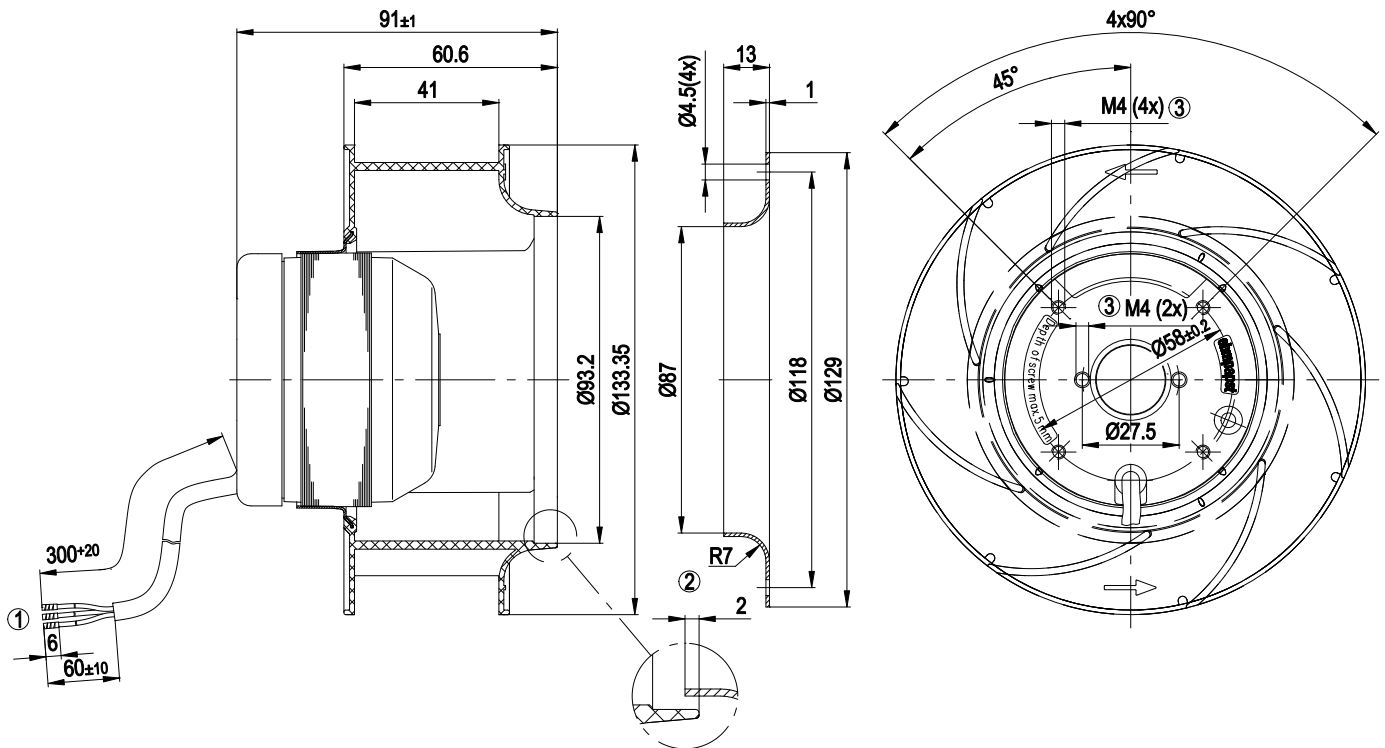
ARGON
 DISTRIBUTORS LTD

Freephone 0508 634 341 | Fax 09 634 7417
7 Monier Pl, Mt Wellington, Auckland 1060, New Zealand


AC centrifugal fan

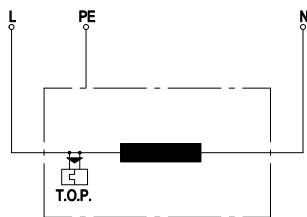
backward curved, single inlet

Product drawing



1	Connection line PVC, 3x brass lead tips crimped
2	Accessory part: Inlet nozzle 09566-2-4013, not included in the standard scope of delivery
3	Screw depth max. 5 mm

Connection screen



L	= blue
PE	= green / yellow
N	= brown
TOP	= Thermal overload protector

Distributed By:

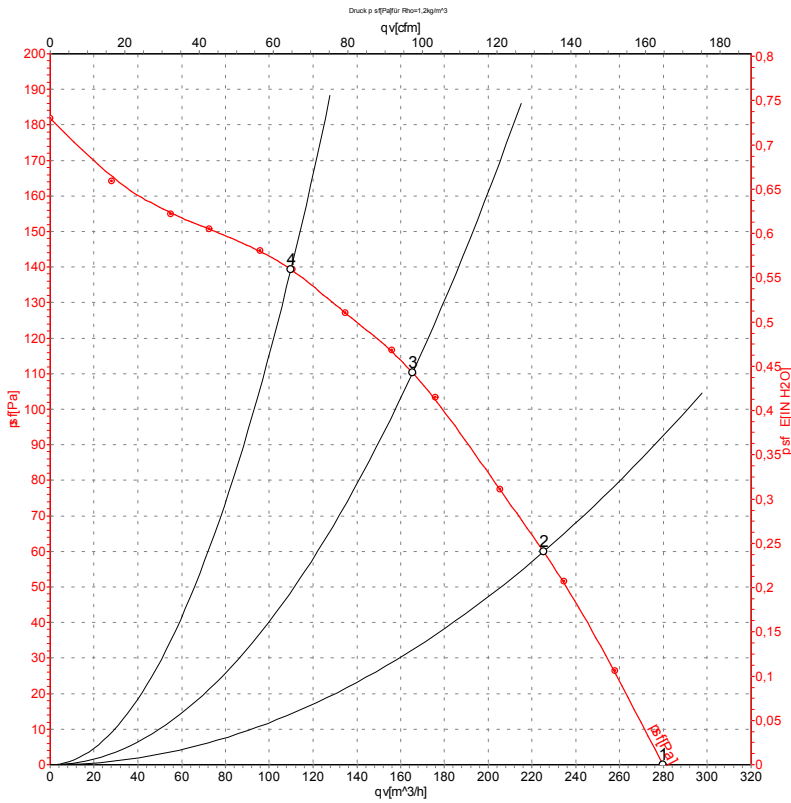


Freephone 0508 634 341 | Fax 09 634 7417

7 Monier Pl, Mt Wellington, Auckland 1060, New Zealand



Charts: Air flow 50 Hz



Measurement: LU-54609

Air performance measured as per ISO 5801 Installation category A. For detailed information on the measuring set-up, please contact ebm-papst. Suction-side noise levels: L_{wA} measured as per ISO 13347 / L_{pA} measured with 1m distance to fan axis. The values given are valid under the measuring conditions mentioned above and may vary according to the actual installation situation. With any deviation from the standard set-up, the specific values have to be checked and reviewed with the unit installed.

Measured values

	U	f	n	P _e	I	qv	P _{sf}
	V	Hz	min ⁻¹	W	A	m ³ /h	Pa
1	230	50	2780	36	0.25	280	0
2	230	50	2715	38	0.24	225	60
3	230	50	2720	38	0.24	165	110
4	230	50	2735	38	0.24	110	140

Distributed By:

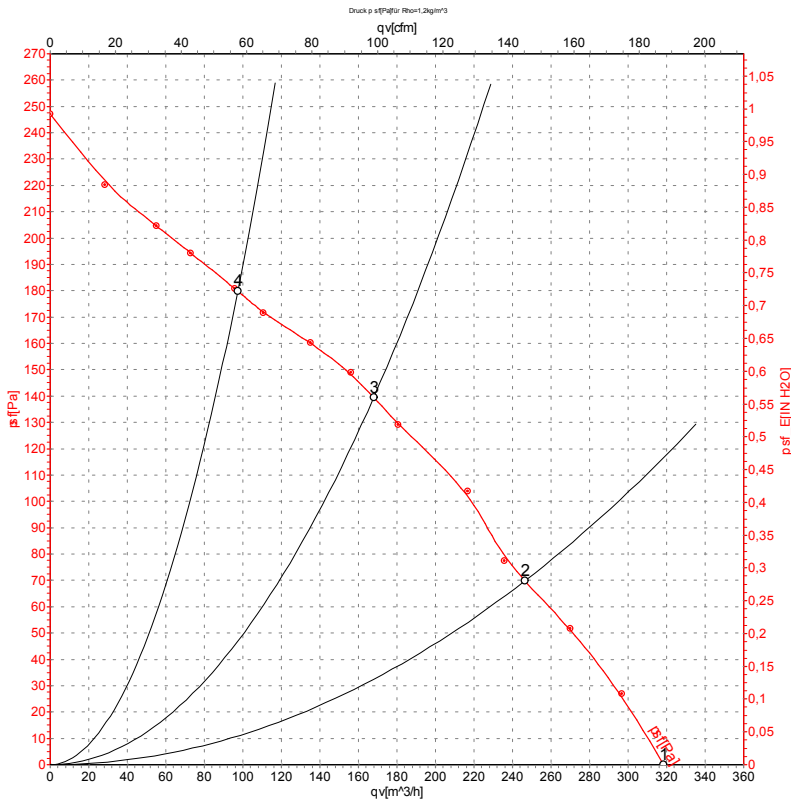


Freephone 0508 634 341 | Fax 09 634 7417

7 Monier Pl, Mt Wellington, Auckland 1060, New Zealand



Charts: Air flow 60 Hz



Measurement: LU-54610

Air performance measured as per ISO 5801 Installation category A. For detailed information on the measuring set-up, please contact ebm-papst. Suction-side noise levels: L_{wA} measured as per ISO 13347 / L_{pA} measured with 1m distance to fan axis. The values given are valid under the measuring conditions mentioned above and may vary according to the actual installation situation. With any deviation from the standard set-up, the specific values have to be checked and reviewed with the unit installed.

Measured values

	U	f	n	P _e	I	qv	p _{sf}
	V	Hz	min ⁻¹	W	A	m ³ /h	Pa
1	230	60	3150	34	0.21	320	0
2	230	60	2970	39	0.22	245	70
3	230	60	2960	40	0.23	170	139
4	230	60	3060	37	0.22	95	180

Distributed By:



Freephone 0508 634 341 | Fax 09 634 7417

7 Monier Pl, Mt Wellington, Auckland 1060, New Zealand

