



D3G146-LV13-33

Dobbeltsugende radialvifte med plasthus



- Spenningsutgang 10 VDC, maks 1,1 mA
- Tachoutgang
- Motorstrømbegrensning
- Mykstart
- Turtall styres med 0-10 V signal eller PWM
- Potentialfritt grensesnitt SELV
- Overtemperaturvernet motor

Tekniske data

Beskrivelse	Dobbeltsugende radialvifte med plasthus
Spennning	1~230 VAC
Spenningsområde	1~200-240 VAC
Frekvens	50 / 60 Hz
Effekt	0,167 kW
Merkestrøm	1,3 A
Turtall	1550 rpm
Luftmengde	321.00 l/s
Luftmengde	1155.0 m3/h
Temperaturområde	-25...+55 °C
Motor	M3G055-DF
Kapslingsklasse	Motor IP34, elektronikk IP20
Isolasjonsklasse motor	F
Lagertype	Kulelager
Viftehjul	Galvanisert stålplate
Viftehus	Plast PP
Montasje	Valgfritt
Elektrik tilkobling	Kontaktbrett montert i chassis, se tegning
Oppfylte standarder	EN 60335-1; CE; UL 2111; CSA C22.2 No. 77
Vekt	2.9 kg
Art.nr.	D3G146LV1333

Se www.ebmpapst.no for oppdatert informasjon



D3G146-LV13-33

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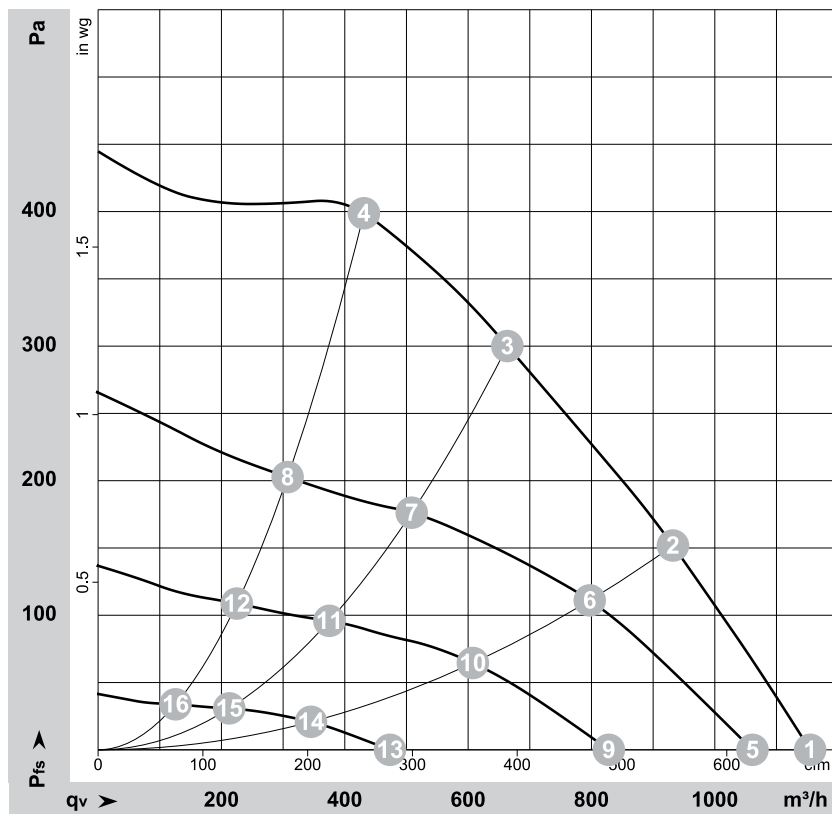
Tilbehør til D3G146-LV13-33		
Benevning	Art.nr.	Informasjon
CALAIR-PR-230V	4615205	EC-Trykkregulator med innebygd trykkgiver, MODBUS m.m.
CXE/AV 230V	4645212	EC-regulator
MultiController E Regulate	470112149	EC-regulator
Multicontroller E 0-100%	470112148	EC-regulator
CCC000AD0602	CCC000AD0602	Digital universalregulator
ES10 Trykk-/lufthast.regulator	470112152	Konstant trykk- eller lufthastighetsregulator
CBC000AE0401	CBC000AE0401	EC-Trinnløs regulering med 3 ulike hastigheter
MTP10	4615210	Potentiometer for manuelt styresignal 0-10V
SMT-D-4P-EM	4615450	4-trinns omkobler for EC-motorer 0-10V
Potentiometer 10 kohm	4617186	Potentiometer for manuelt styresignal 0-10V
Potentiometer for panelmontasje	46707184	Potentiometer med ledning 10 kohm for manuelt styresignal 0-10V
DPC200-EP50	4615254	Differansetrykkregulator 0-50 Pa
DPC200-EP500	4615256	Differansetrykkregulator 0-500 Pa
DPC200-EP1000	4615258	Differansetrykkregulator 0-1000 Pa
DPC200-EP2000	4615267	Differansetrykkregulator 0-2000 Pa
USB - RS485 adapter	21490-1-0174	Adapter USB - RS485



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Diagram



$$\rho = 1.15 \text{ kg/m}^3 \pm 2 \%$$

Measurement: LU-153304-1
Measurement: LU-129107-1
Measurement: LU-129113-1
Measurement: LU-129114-1

Air performance measured according to ISO 5801 installation category A. For detailed information on the measurement setup, contact ebm-papst. Intake sound level: Sound power level according to ISO 13347 / sound pressure level measured at 1 m distance from fan axis. The values given are valid under the specified measuring conditions and may vary due to conditions of installation. For deviations from the standard configuration, the parameters have to be checked on the installed unit.

Measured values

	U	f	n	P _{ed}	I	LpA _{in}	LwA _{in}	q _v	p _{fs}	q _v	p _{fs}
	V	Hz	min ⁻¹	W	A	dB(A)	dB(A)	m³/h	Pa	cfm	inH ₂ O
1	230	50	1550	167	1.30	61	74	1155	0	680	0.00
2	230	50	1905	167	1.30	60	72	930	150	550	0.60
3	230	50	2350	167	1.30	62	74	665	300	390	1.20
4	230	50	2675	157	1.25	65	76	430	400	255	1.61
5	230	50	1470	145	1.14			1060	0	625	0.00
6	230	50	1660	110	0.89			795	112	470	0.45
7	230	50	1825	78	0.64			510	177	300	0.71
8	230	50	1935	61	0.51			305	203	180	0.81
9	230	50	1140	63	0.54			830	0	485	0.00
10	230	50	1260	49	0.43			610	65	360	0.26
11	230	50	1345	34	0.30			375	96	220	0.39
12	230	50	1405	27	0.26			225	109	130	0.44
13	230	50	685	16	0.16			475	0	280	0.00
14	230	50	730	12	0.12			345	21	205	0.08
15	230	50	770	9.0	0.11			215	31	125	0.12
16	230	50	800	8.0	0.09			125	34	75	0.14

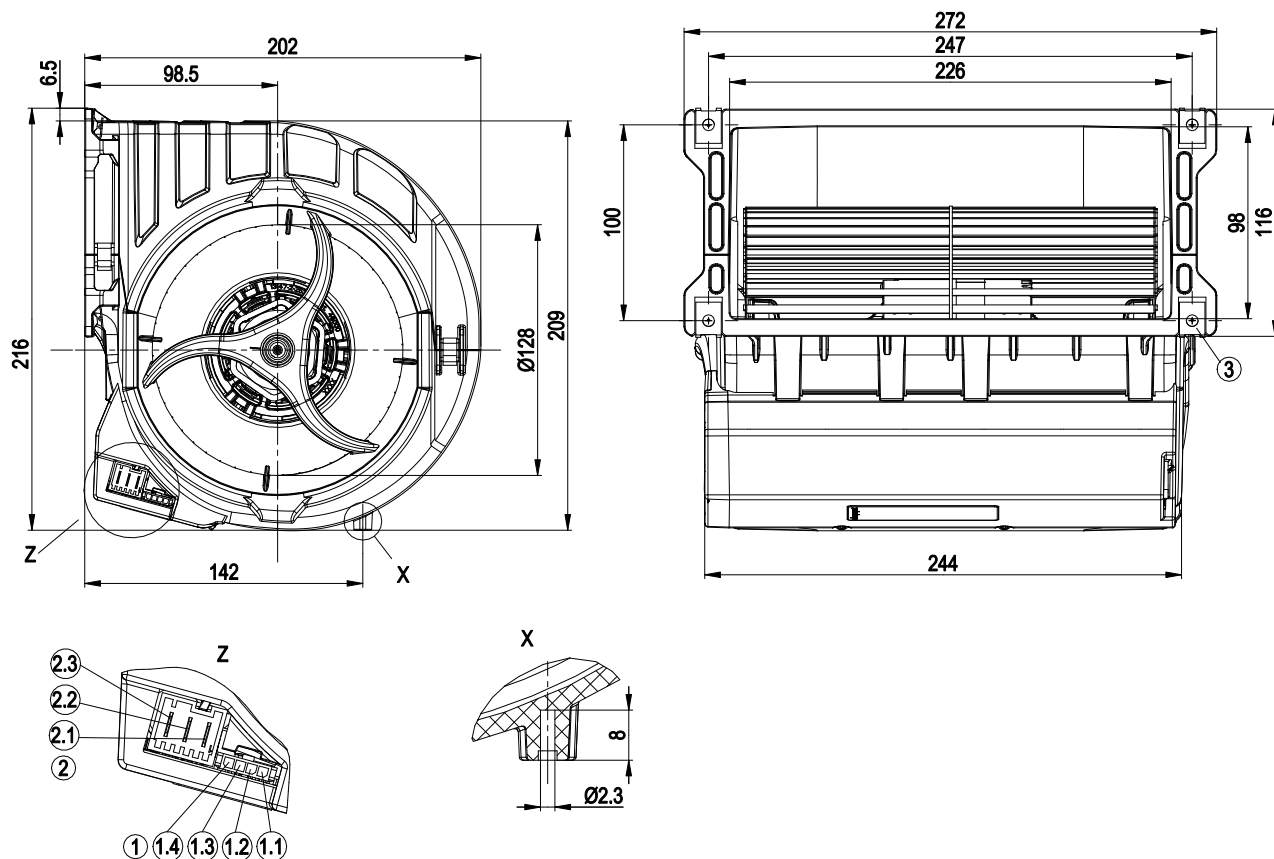
U = Power supply · f = Frequency · n = Speed (rpm) · P_{ed} = Power consumption · I = Current draw · LpA_{in} = Sound pressure level intake side · LwA_{in} = Sound power level intake side
q_v = Air flow · p_{fs} = Pressure increase



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Tegning



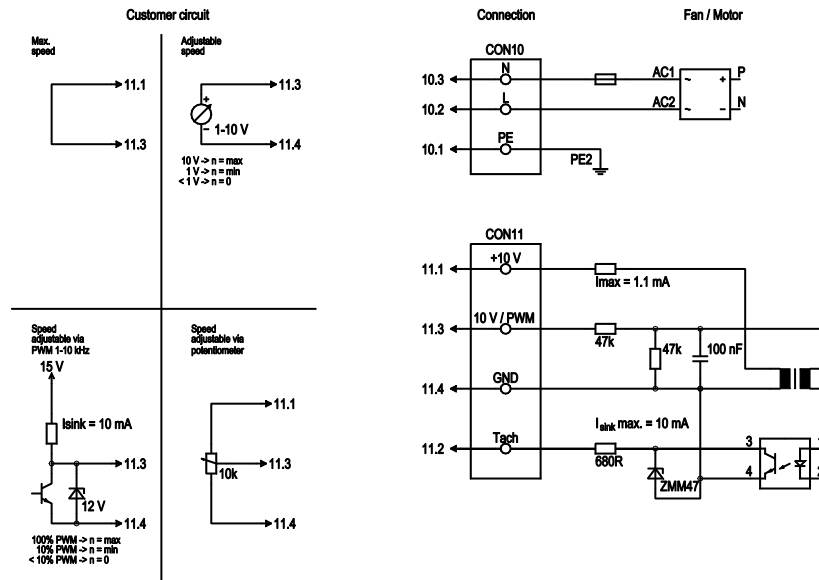
1	Header Molex Micro Fit 3.0 04365 00400 (pluggable with 04364 50400)
1.1	10 V
1.2	Tach
1.3	0-10 V lin. / PWM
1.4	GND
2	Connector Lumberg 3642 03 K01 (pluggable with 3626 03 K01)
2.1	PE
2.2	L
2.3	N
3	4x sheet metal nut for thread EN ISO 1478-ST4.8 (min. screw length 14,5 mm plus material thickness of attachment)



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Koblingsskjema



No.	Conn.	Designation	Color	Function/assignment
CON10	10.1	PE	green/yellow	Protective earth
CON10	10.2	L	black	Power supply 230 VAC, 50-60 Hz, see nameplate for voltage range
CON10	10.3	N	blue	Neutral conductor
CON11	11.1	10 V/max. 1.1 mA	red	Voltage output 10 V, 1.1 mA, electrically isolated, not short-circuit-proof
CON11	11.2	Tach	white	Tach output: Open collector, 1 pulse per revolution, electrically isolated, Isink max = 10 mA
CON11	11.3	0-10 V PWM	yellow	Control input 0-10 V or PWM, electrically isolated
CON11	11.4	GND	blue	GND connection for control interface

Kontakt

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