

D3G146-LV13-33

Dubbelsugande radialfläkt med plastkåpa



- Spänningsutgång 10 VDC, max 1,1 mA
- Tachoutgång
- Motorströmbegränsning
- Mjukstart
- Varvtalstyrning 0-10 VDC / PWM
- Potentialfritt interface SELV
- Övertemperaturskyddad motor

Teknisk data

Beskrivning	Dubbelsugande radialfläkt med plastkåpa
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Spänning	1~230 VAC
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Spänningsområde	1~200-240 VAC
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Frekvens	50 / 60 Hz
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Effekt	167 W
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Märkström	1,3 A
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Varvtal	1550
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Luftflöde vid 0 Pa	321.00 l/s
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Luftflöde vid 0 Pa	1155.0 m3/h
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Temperaturområde	-25-+55°C
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Motor	M3G055-DF
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Kapslingsklass	Motor IP34, elektronik IP20
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Isolationsklass motor	"F"
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Lagertyp	Kullager
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Fläkthjul	Galvaniserad stålplåt
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Hölje	Plast PP
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Monteringsläge	Valfritt
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Elektrisk anslutning	Kontaktbox monterat i chassi, se ritning
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Uppfyllda standarder	EN 60335-1; CE; UL 2111; CSA C22.2 No. 77
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Vikt	2.9 kg
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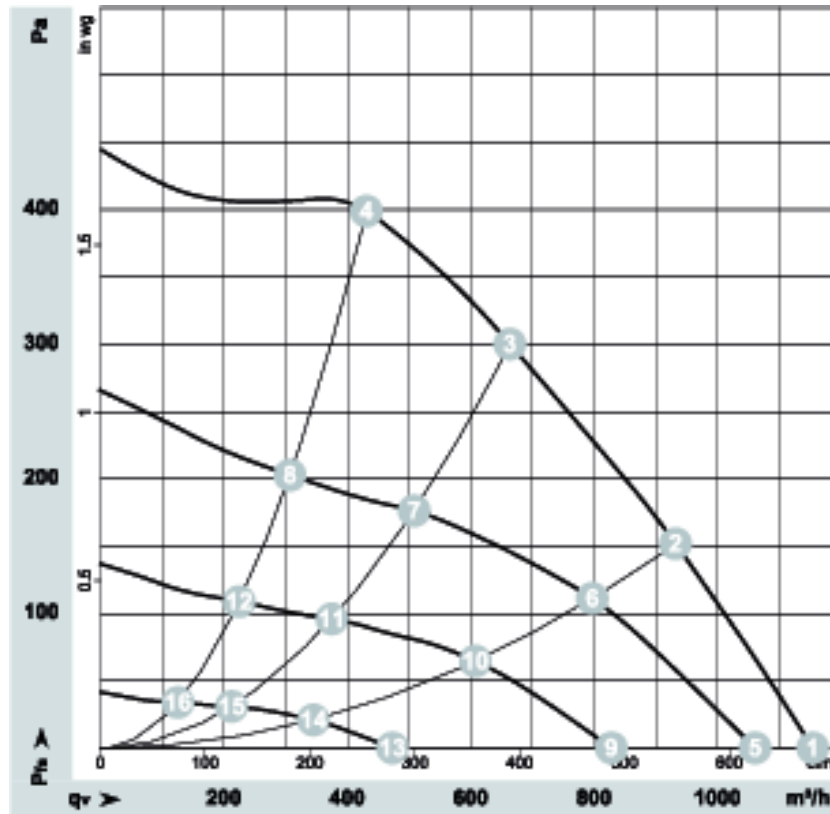
Art.nr	D3G146LV1333
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Se www.ebmpapst.se för uppdaterad information

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Diagram



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

Measurement: LU-103004-1
Measurement: LU-129103-1
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

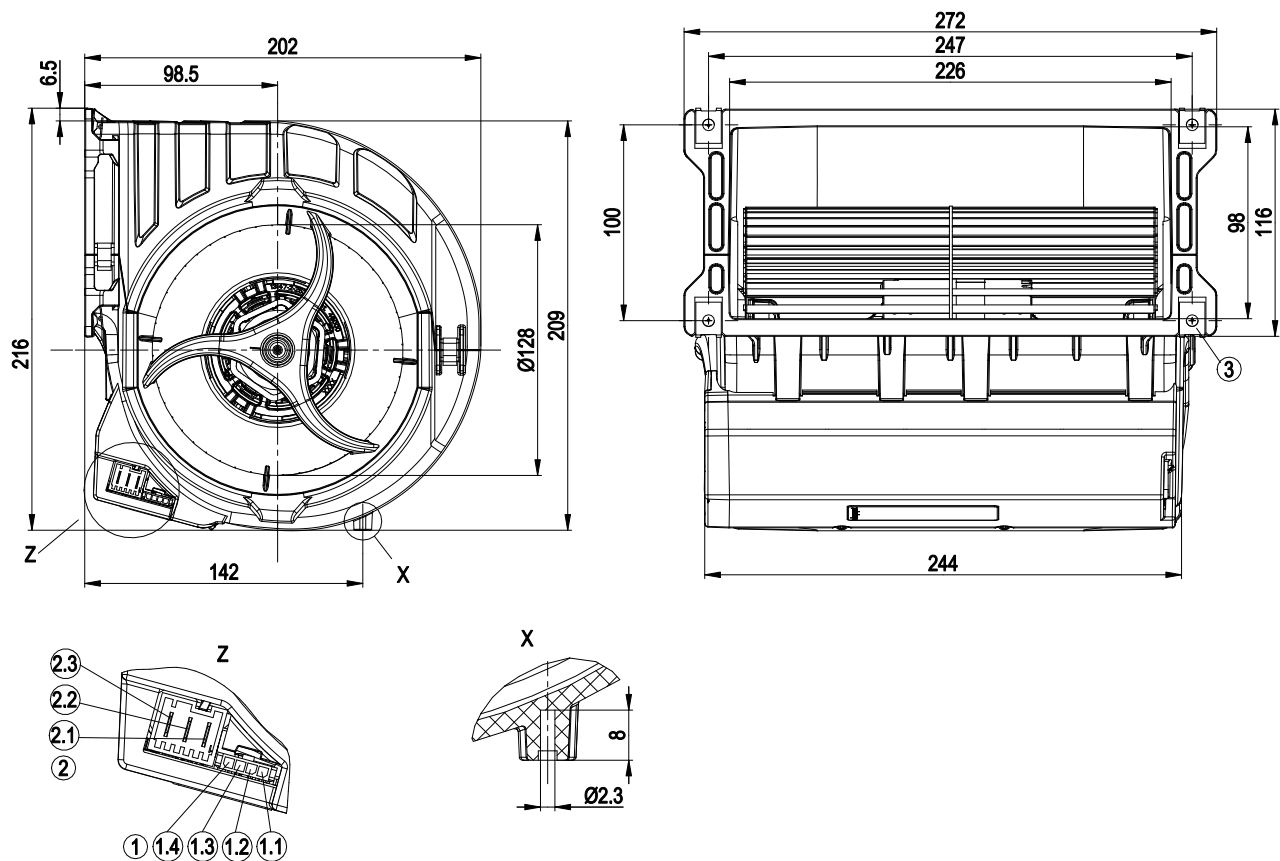
	U	f	n	P_{ed}	I	L_{pA_n}	L_{wA_n}	Q_v	P_{st}	Q_v	P_{st}
	V	Hz	min^{-1}	W	A	dB(A)	dB(A)	m^3/h	Pa	cfm	inH ₂ O
1	230	50	1550	167	1.30	61	74	1155	0	680	0.00
2	230	50	1905	167	1.30	60	72	930	150	550	0.60
3	230	50	2350	167	1.30	62	74	665	300	390	1.20
4	230	50	2675	167	1.25	65	76	430	400	255	1.61
5	230	50	1470	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 · L_{pA_n} = Sound pressure level intake side · L_{wA_n} = Sound power level intake side
 Q_v = Air flow · P_{st} = Pressure increase

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Ritning

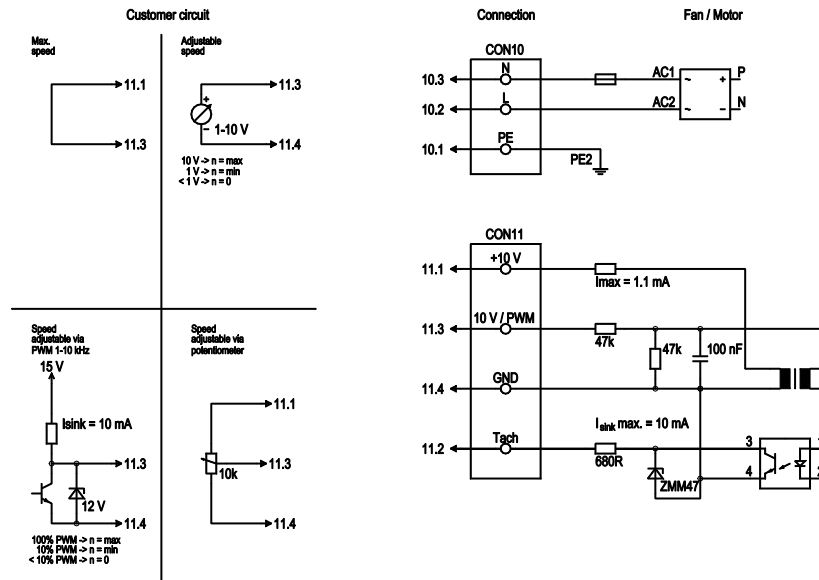


1	Header Molex Micro Fit 3.0 04365 00400 (pluggable with 04364 50400)
1.1	10 V
1.2	Tach
1.3	0-10 V lin. / PWM
1.4	GND
2	Connector Lumberg 3642 03 K01 (pluggable with 3626 03 K01)
2.1	PE
2.2	L
2.3	N
3	4x sheet metal nut for thread EN ISO 1478-ST4.8 (min. screw length 14,5 mm plus material thickness of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

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Kopplingsschema



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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