

D1G133-AB29-52

EC centrifugal fan

forward curved, dual inlet
with housing (without flange)



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Nominal data

Type	D1G133-AB29-52	
Motor	M1G074-BF	
Nominal voltage	VDC	24
Type of data definition		rfa
Speed	min ⁻¹	1780
Power input	W	105
Current draw	A	5.6
Max. ambient temperature	°C	60

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

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Technical features

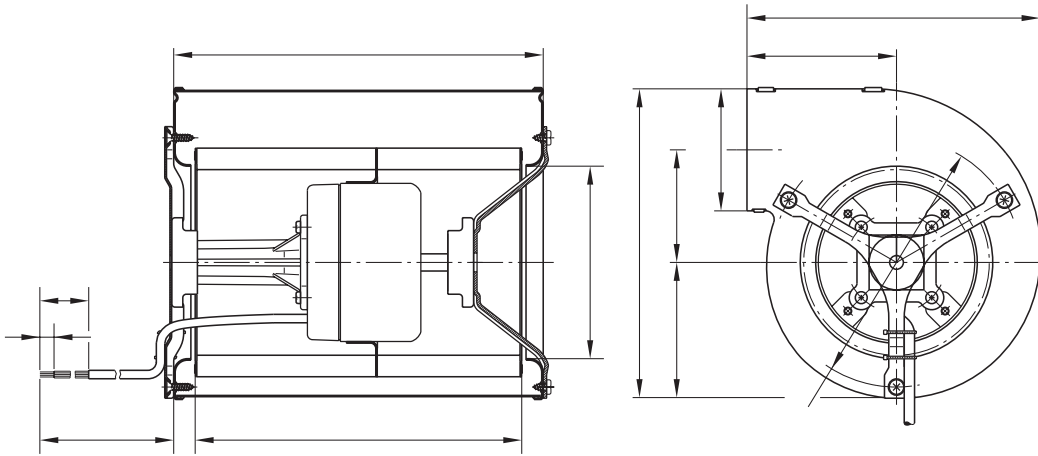
General description	Integrated electronics
Size	133 mm
Operation mode	Continuous operation (S1)
Direction of rotation	Clockwise, seen on rotor
Mounting position	Any
Humidity class	F0
Insulation class	"B"
Cable exit	Variable
Motor bearing	Ball bearing
Mass	3.3 kg
Material of electronics housing	Rotor: Coated in black
Material of impeller	Sendzimir galvanized sheet steel
Motor protection	Reverse polarity and locked-rotor protection
Type of protection	IP 42
Protection class	I
Technical features	Control input 0-10 VDC / PWM, tach output, reverse polarity and locked rotor protection
Approval	CSA C22.2 Nr.77; UL 1004-1

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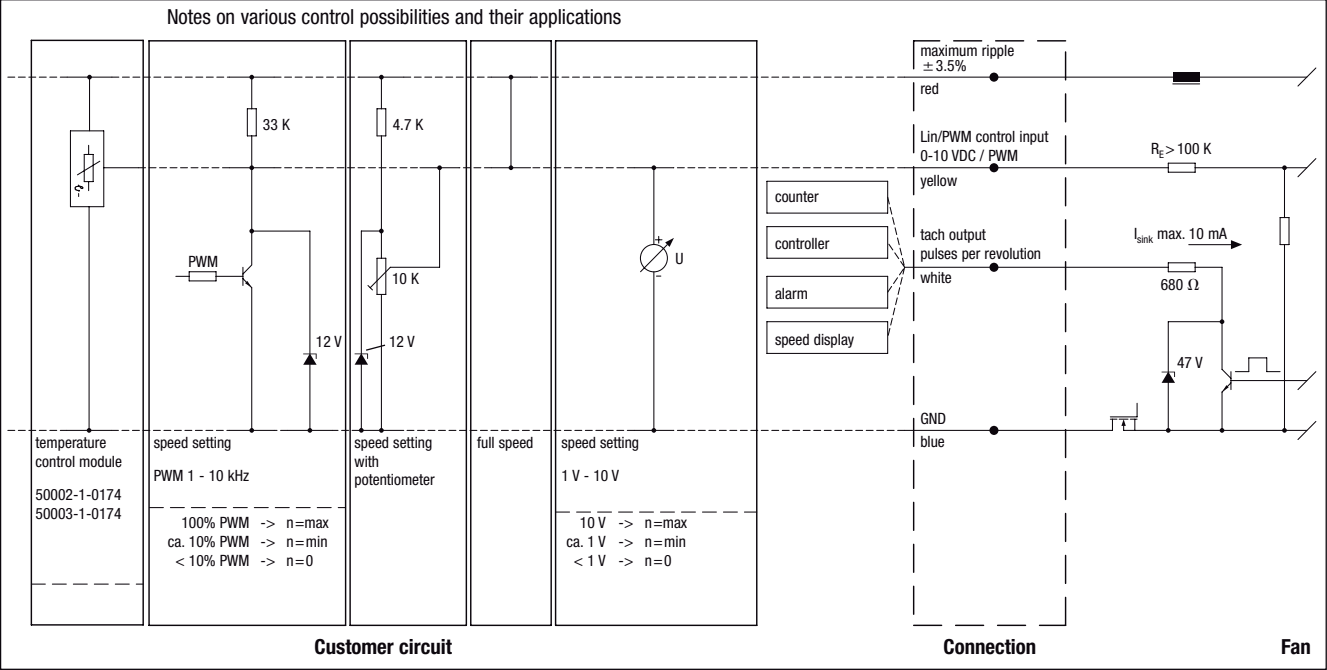
Product drawing



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Connection screen



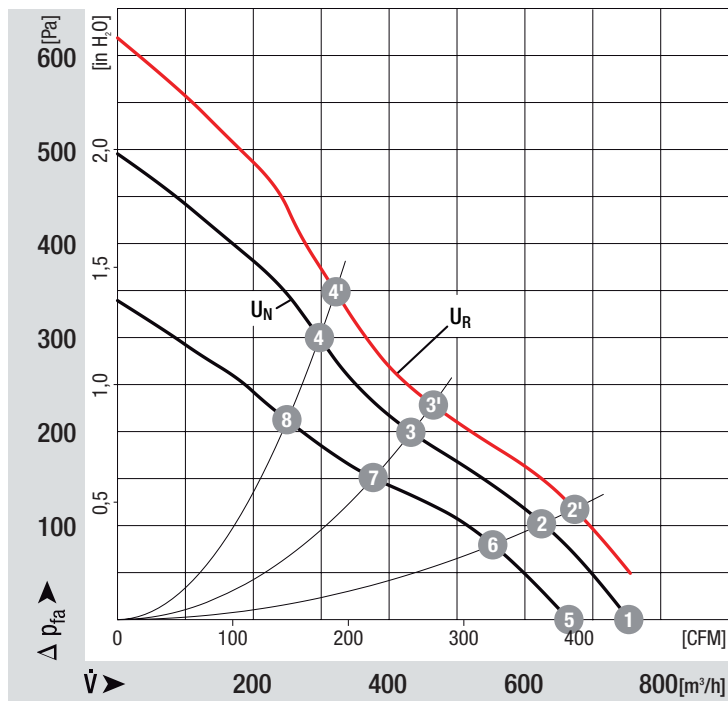
Line 1							
	+	GND	Tacho	0-10 V / PWM			
	red	blue	white	yellow			

Line	Signal	Colour	Assignment / function	Line	Signal	Colour	Assignment / function
1	+	red	maximum ripple $\pm 3.5\%$	1	Tacho	white	Tach output: pulses per revolution
	GND	blue	GND		0-10 V / PWM	yellow	Control input

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Charts: Air flow



Measured values

	n	P ₁	η _{TL}
	min ⁻¹	W	%
1'			
2'	2050	121	49
3'	2490	106	41
4'	2820	100	37
1	1780	105	
2	1900	97	49
3	2310	86	41
4	2630	80	37
5	1500	73	
6	1720	67	49
7	2020	58	41
8	2230	49	37