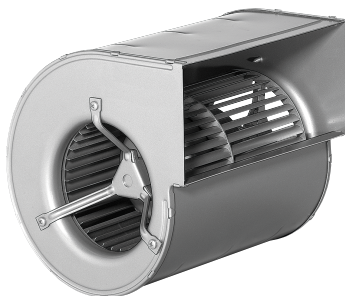


D1G146-AA33-52

EC centrifugal fan

forward curved, dual inlet
with housing (without flange)

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Nominal data

Type	D1G146-AA33-52	
Motor	M1G074-CF	
Nominal voltage	VDC	48
Nominal voltage range	VDC	36 .. 57
Frequency	Hz	-
Type of data definition		rfa
Speed	min ⁻¹	1350
Power input	W	105
Current draw	A	2.6
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

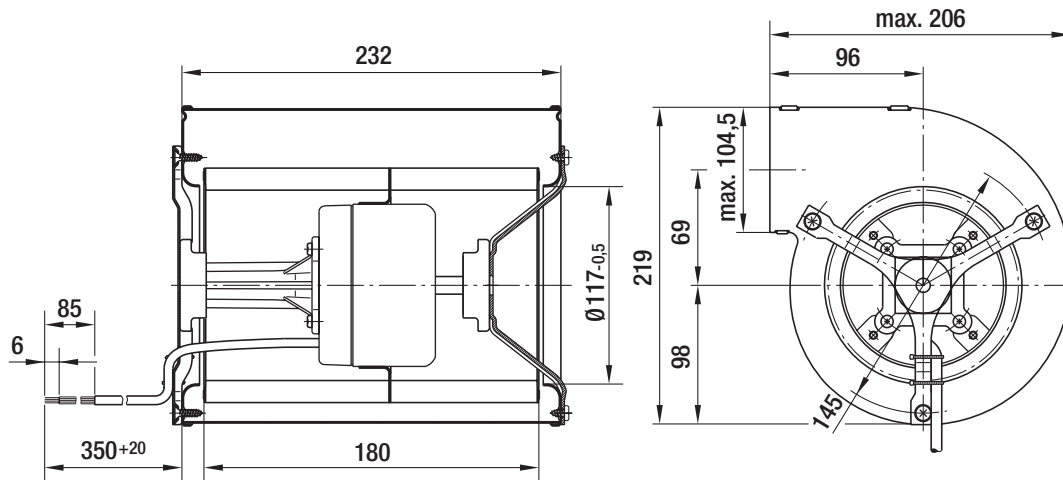
General description	Integrated electronics
Size	146 mm
Operation mode	Continuous operation (S1)
Direction of rotation	Clockwise, seen on rotor
Mounting position	Any
Humidity class	F0
Insulation class	"B"
Cable exit	Variable
Motor bearing	Ball bearing
Mass	3.5 kg
Material of electronics housing	Rotor: 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

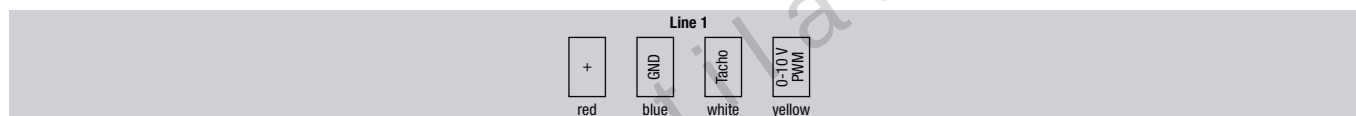
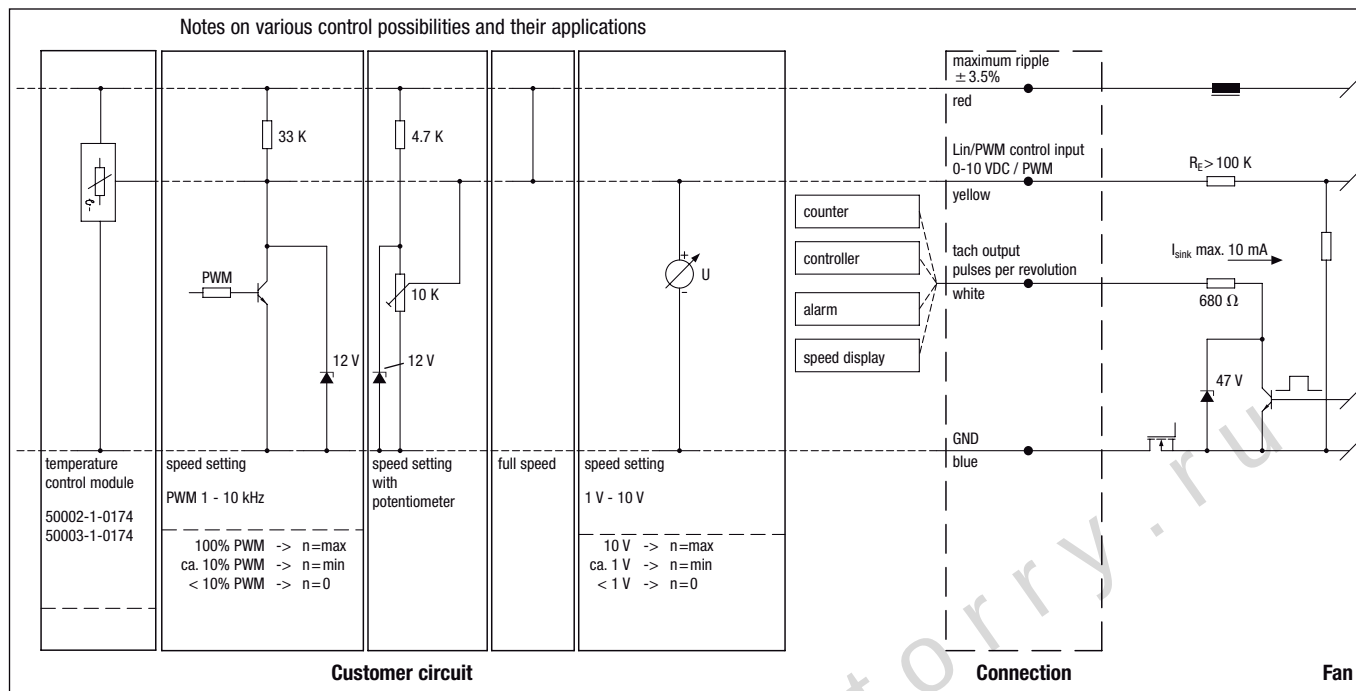


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Connection screen



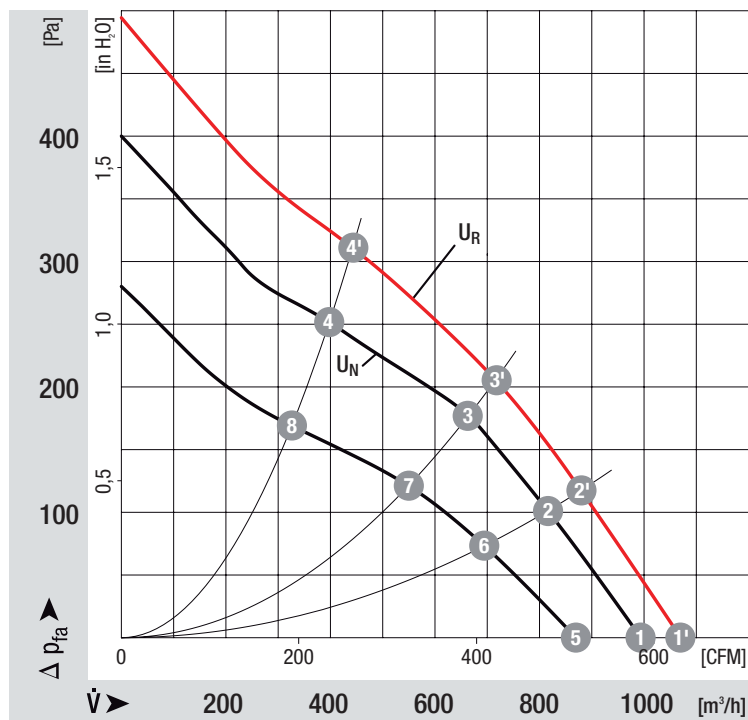
Line	Signal	Colour	Assignment / function	Line	Signal	Colour	Assignment / function
1	+	red	maximum ripple ± 3.5 %	1	Tacho	white	Tach output: pulses per revolution
	GND	blue	GND		0-10 V / PWM	yellow	Control input

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Charts: Air flow



Measured values

	n	P _e
	min ⁻¹	W
1		
2'	1680	119
3'	1890	111
4'	2240	95
1	1350	105
2	1570	95
3	1750	88
4	2010	70
5	1210	70
6	1360	60
7	1460	53
8	1670	42