

A1G133-H42



SOUTHERFLY DC CENTRIFUGAL FAN

Diameter 133mm

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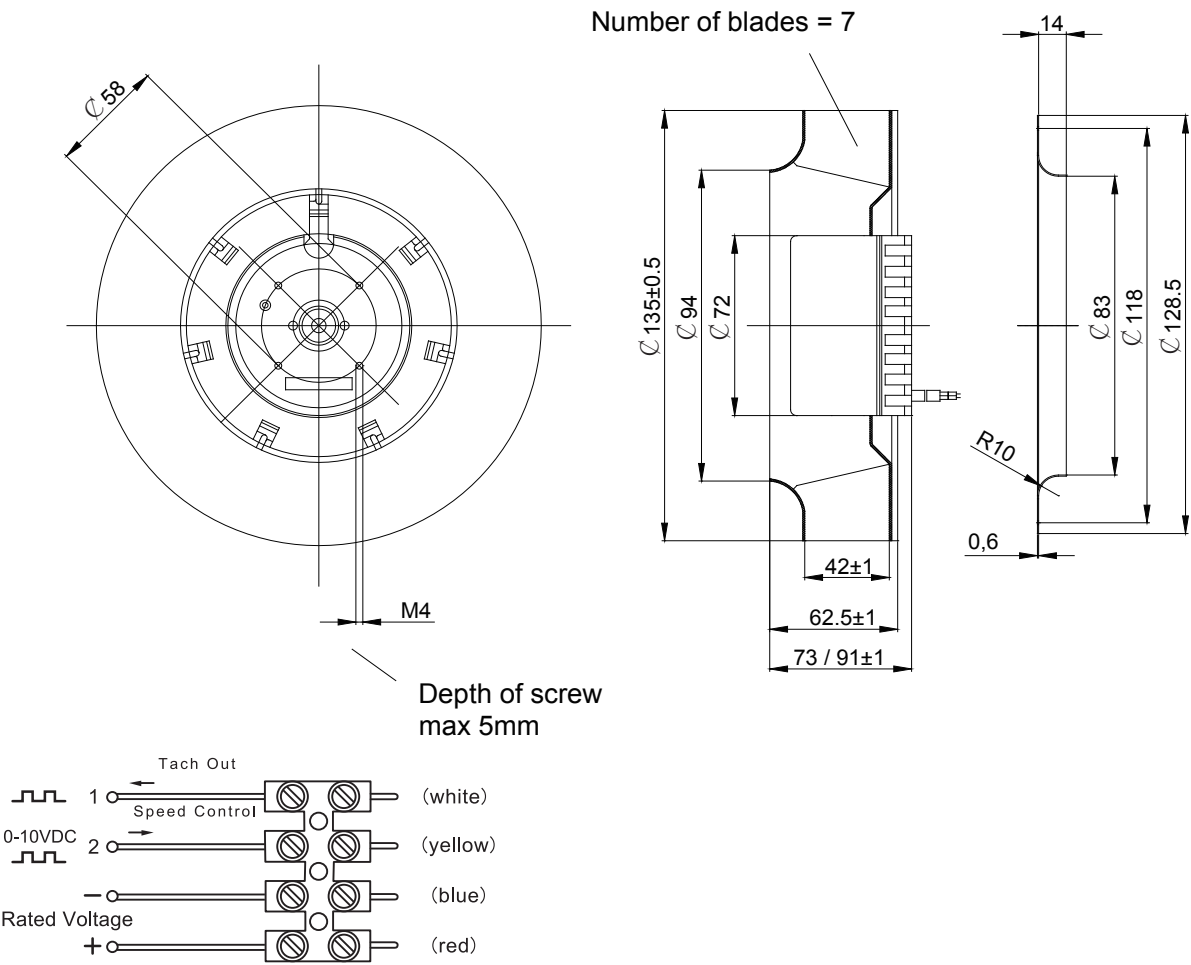
Nominal data

Type	A1G133-H42	
Motor	AN72DC-N	
Voltage	[VDC]	48
Voltage range	[VDC]	36.. 57
Speed	[min ⁻¹]	3900
Power input	[W]	28
Current draw	[A]	0.58
Airflow	[m ³ /h]	428
Static pressure	[Pa]	453
Perm. amb. Temp.	[°C]	-25~80
Max Perm. Oper. Temp.	[°C]	-20~60

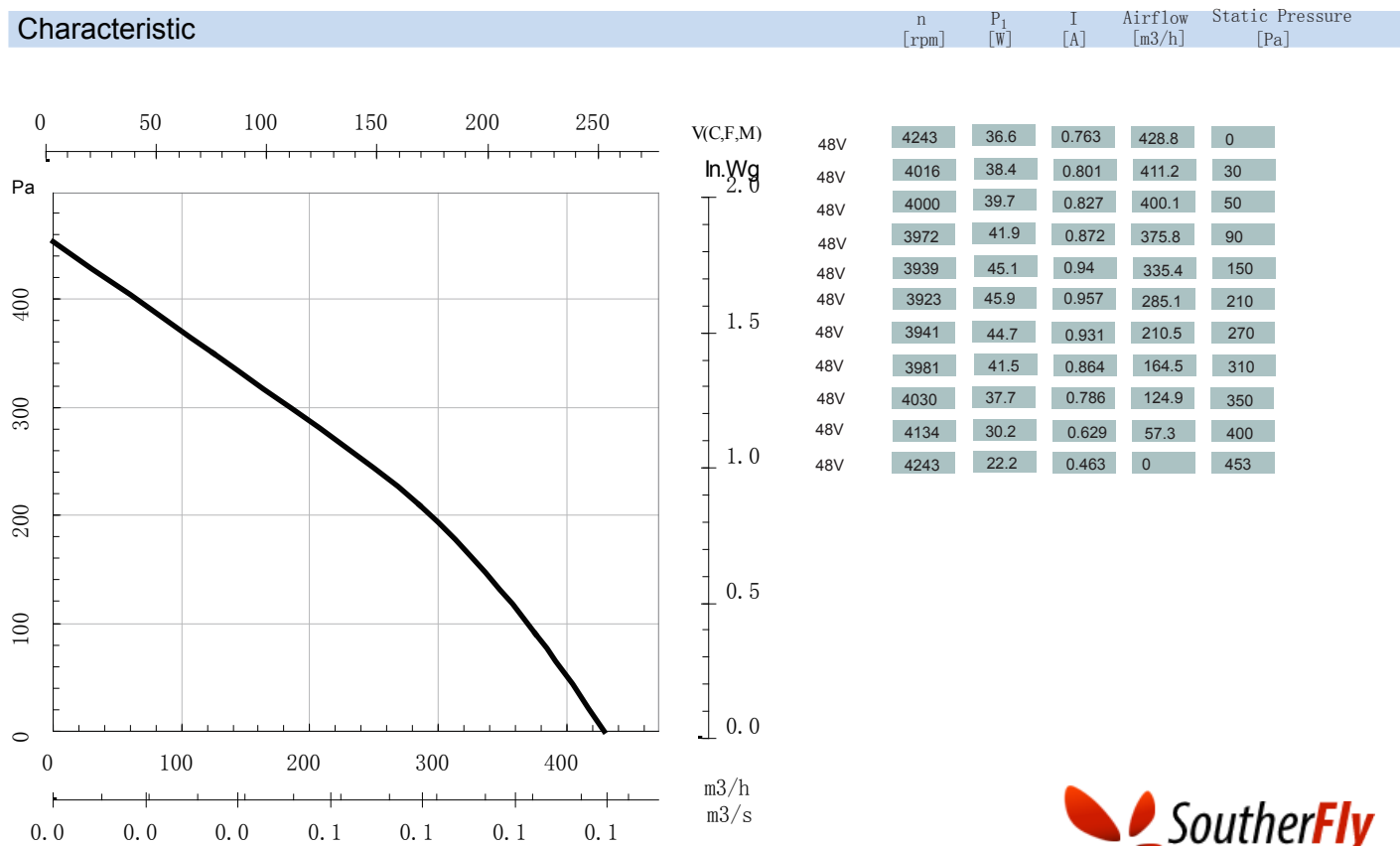
Parameter

current leakage	<= 0,25 mA
Specification	133mm*42mm
Operation mode	continuous operation S1
Direction of rotation	clockwise, seen on rotor
Mounting position	at will
Insulation class	"B"
Cable exit	any
Bearing	ball bearing (NMB)
Net weight	0.8 kg
Surface of rotor	electrophoresis
Operation life	>=40,000 hours
Motor protection	locked-rotor protection, over-current protection
Number of blades	7
Type of protection	IP42
Protection class	I
Speed control	0-10 VDC / PWM, tach output
Approval	CE

Drawing



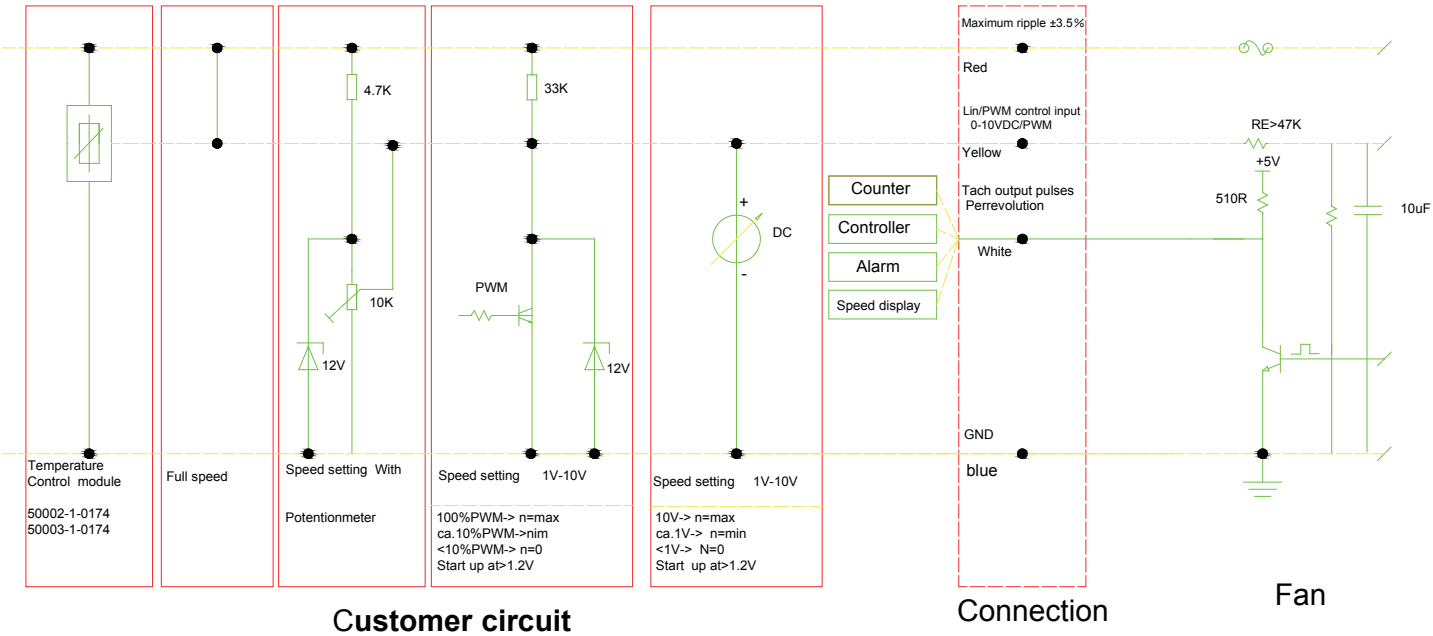
Characteristic



EC motors

Ec motors(nominal24/48 VDC)

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Line	signal	colour	Assignment/function
-	+	red	Maximum ripple $\pm 3.5\%$
	GND	BLUE	GND

Line	Signai	Colour	Assignment/function
1	Tacho	White	Tach output: 2 pulses/revolution for 72mm motor 4 pulses/revolution for 92mm motor
	0-10V/PWM	yellow	Control input (Lmpedance)

Line1

