

A1G225-H63



SOUTHERFLY DC CENTRIFUGAL FAN

Diameter: 225mm

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Nominal data

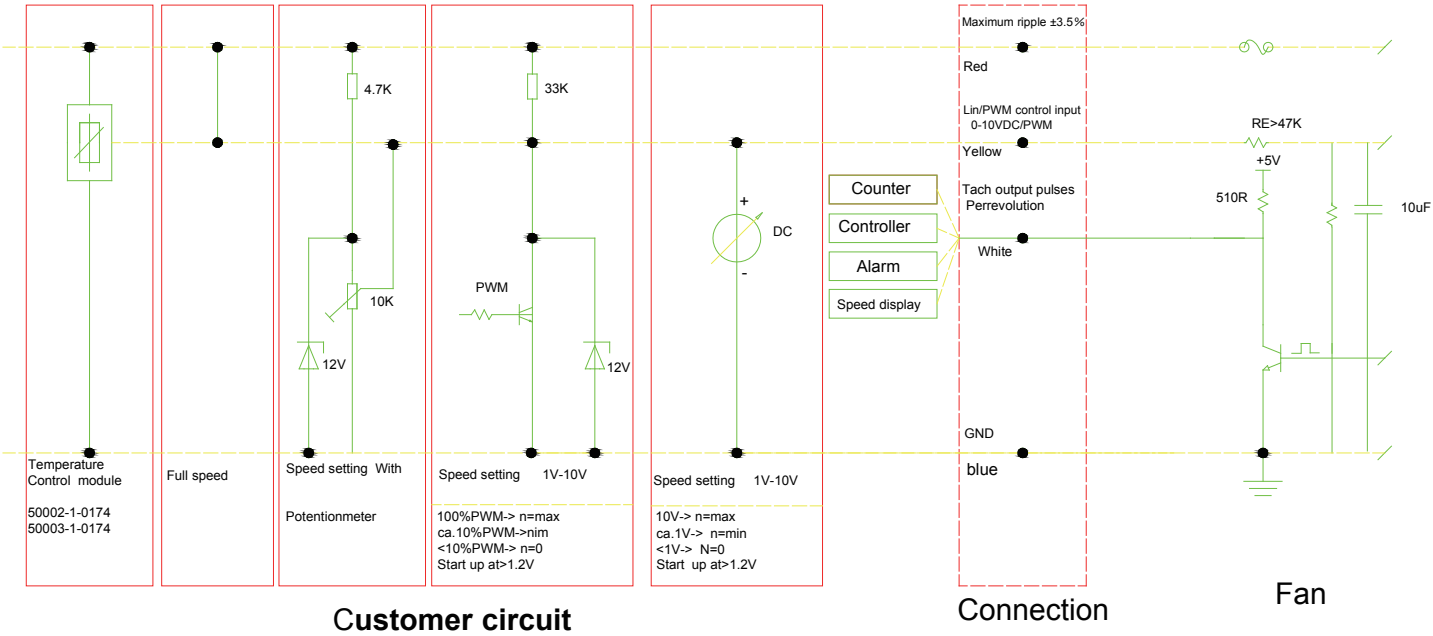
Type	A1G225-H63	
Motor	AN92DC-N	
Voltage	[VDC]	48
Voltage range	[VDC]	36 .. 57
Speed	[min ⁻¹]	2606
Power input	[W]	110
Current draw	[A]	2.29
Perm. amb. Temp.	[°C]	-25~80
Max Perm. Oper. Temp.	[°C]	-20~60

Parameter

current leakage	<= 0,25 mA
Specification	225mm*63mm
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	2.0kg
Surface of rotor	electrophoresis
Operation life	>=40,000 hours
Motor protection	locked-rotor protection, over-current protection
Number of blades	7
Type of protection	IP 44
Protection class	I
Speed control	0-10 VDC / PWM, tach output
Approval	CE

EC motors

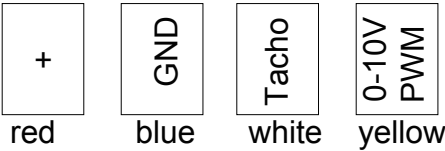
Ec motors(nominal24/48 VDC)



Line	signal	colour	Assignment/function
-	+	red	Maximum ripple ±3.5%
	GND	BLUE	GND

Line	Signal	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

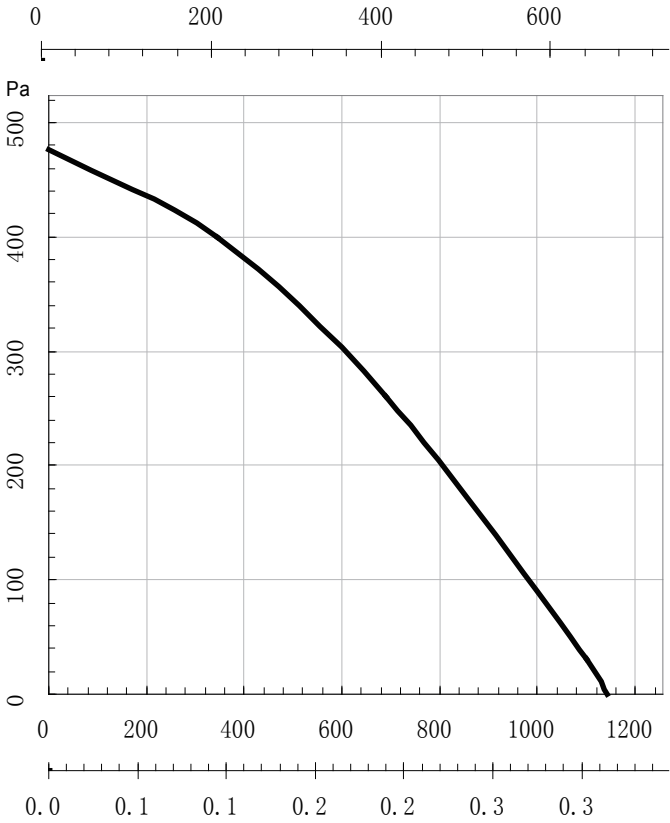


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DC CENTRIFUGAL FAN
Diameter 225mm

Characteristic

n
[rpm] P₁
[W] I
[A]



V(C,F,M)	48V	2606		
	48V	2583		
	48V	2563		
	48V	2550		
	48V	2534		
	48V	2520		
	48V	2870		
	48V	2480		
	48V	2459		
	48V	2570		
	48V	2726		
	48V	2800		

