

EC axial fan

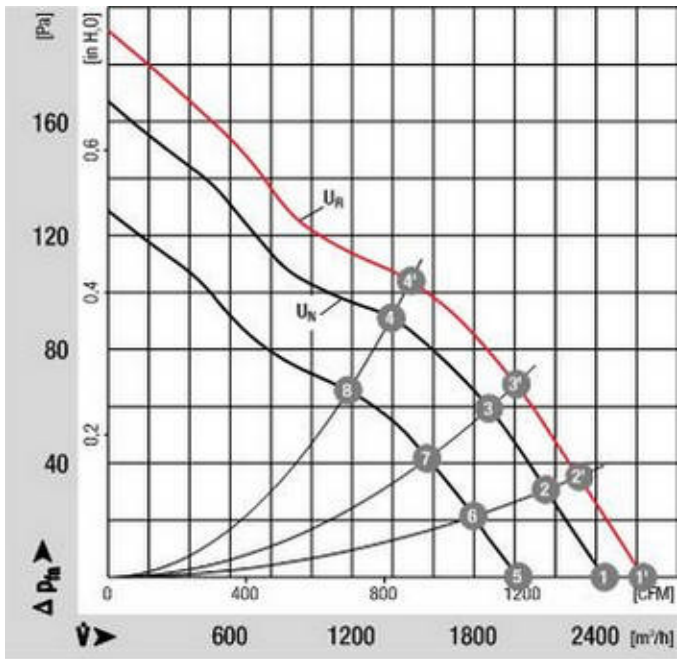
S series



- **Design:** Without guard grille and wall ring
- **Technical equipment:** Control input 0-10 VDC / PWM, tach output, polarity and locked rotor protection
- **Impeller material:** Sheet steel, coated in black

Nominal data		Voltage	Voltage range VDC	Air flow	Speed	Power consumption	Current draw	Sound pressure level	Operative range	Ambient temperature	Weight
Type	Motor	VDC	VDC	m³/h	1/min	W	A	dB(A)	Pa	°C	kg
A1G300AE1954	M1G074CF	24	16 - 28	2450	1800	90	4.0	65	0 .. 165	-25 .. 60	2.2
Subject to modification											

Characteristic: Pressure over air flow	n [1/min]	P ₁ [W]	I [A]	LpA [dBA]	ntL [%]
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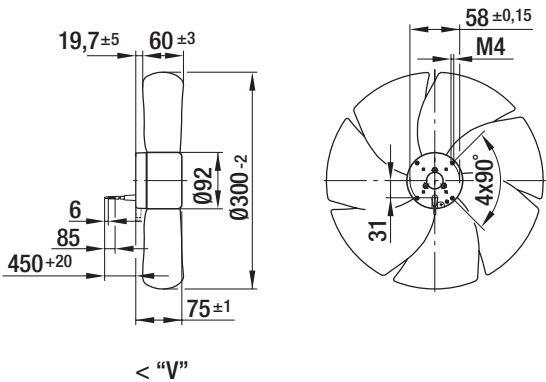


1	1940	108	--	67	--
2	1850	111	--	66	71
3	1790	113	--	66	71
4	1720	116	--	66	60
5	1800	90	--	65	--
6	1720	89	--	65	71
7	1670	91	--	65	71
8	1600	93	--	64	60
9	1480	49	--	61	--
10	1440	52	--	62	71
11	1400	55	--	61	71
12	1350	58	--	59	60

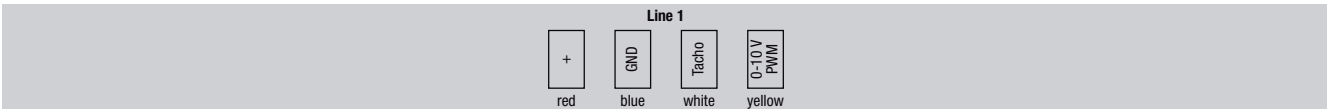
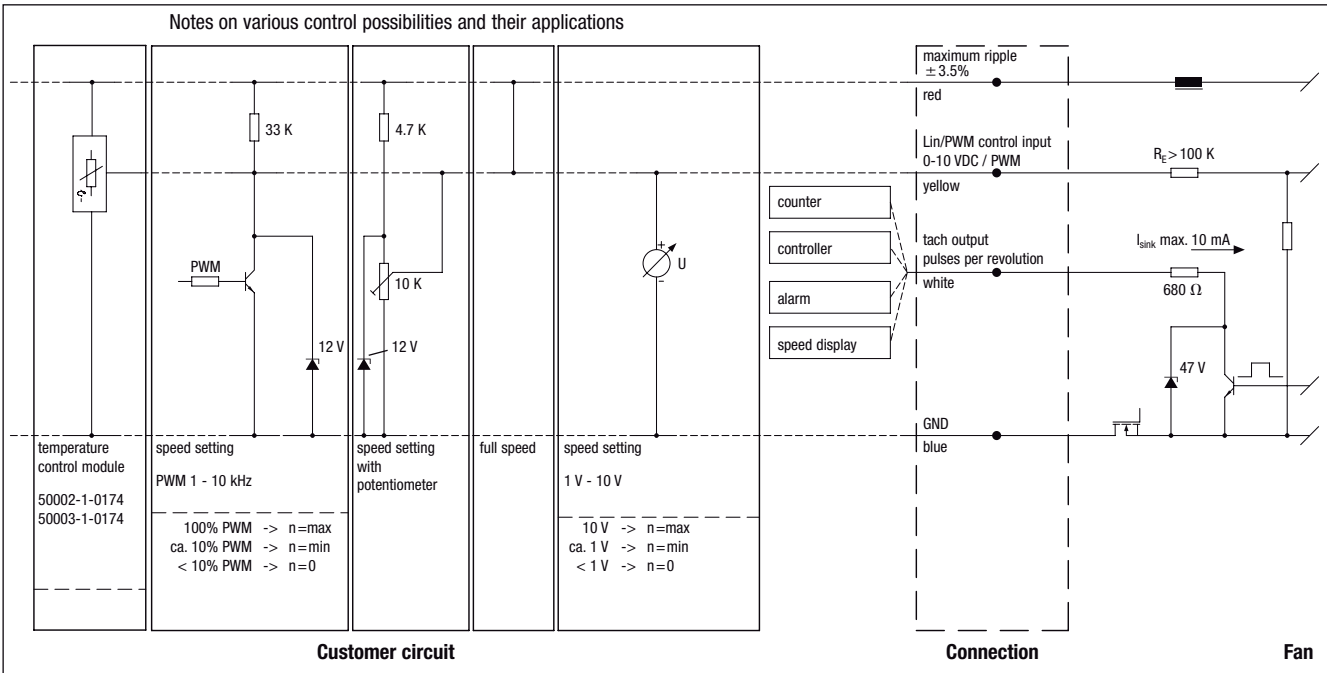
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Specific drawing



Connection illustration



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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Technical description

- **Design:** Without guard grille and wall ring
- **Impeller material:** Sheet steel, coated in black
- **Bearings:** Maintenance-free ball bearings
- **Direction of air flow:** "V"
- **Electrical connection:** Brass lead tips
- **Installation orientation / condensate discharge holes:** Mounting position: Any; condensate discharge holes: none
- **Guideline:** EN 60950-1
- **Operating mode:** Continuous operation (S1)
- **Protection class:** I
- **Approvals:** UL, CSA
- **Technical equipment:** Control input 0-10 VDC / PWM, tach output, polarity and locked rotor protection
- **Motor material:** Rotor: Coated in black
- **Direction of rotation:** Counterclockwise, seen on rotor
- **Number of impeller blades:** 7
- **Cable layout:** Variable
- **Screw depth:** Max. 6 mm
- **EMC:** Interference emission acc. to EN 61000-6-3, interference immunity acc. to EN 61000-6-2
- **Insulation class:** "B"
- **System of protection:** IP 42

Contact

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