



SPECIFICATION FOR APPROVAL

SPECIFICATION POUR VALIDATION

Customer :
Client :

Description : AC AXIAL FAN
Description :

Part Number : 148VK0282072
Référence :

Rev : A
Ind :

*Please send one copy of this specification back after
you signed approval for production pre-arrangement.*

*Veuillez nous retourner un exemplaire de cette
spécification pour validation signée, pour le lancement
en fabrication.*

Approved By :
Validé par :

Date :
Date :

Technical Dept. :
Serv. Technique :

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rosenberg 
THE AIR MOVEMENT GROUP

 **ECOFIT**

PART NUMBER 148VK0282072 Ind.A

ELECTRICAL SPECS

Nominal voltage		115 volts
Voltage range		±10%
Frequency		50/60 Hertz
Phase		1~ AC sinus.
Capacitor		2,7 µF

DESCRIPTION

Fan		helicoid
Motor type		ALTERNATING CURRENT
Class		B/ UL A
Dielectric		2250V/5s/4mA
Dimensions (mm)		Length 172,00 width: 150,00
		Thickness: 38,00 :
weight		0,9 Kg
Earth/Ground		V.PRT
Housing material		Aluminium
Fixing holes		Ø4,5 bNbr 2 + boss
Impeller material		Plastic UL 94 V0
Type of bearings		Ball Bearing
Drawing/Performances curves		2301674710 /148VK0282000
(1) = (enclosure)		

ENVIRONMENT

Design Code		
Operating temp	Min: -10°C Max: + 70 °C	
Storage temperature	-54 à +85°C	
Life time (typical value)	80.000 Hours at 40°C L10	

Connection		leads
wire length from housing		305 mm Gauge AWG20

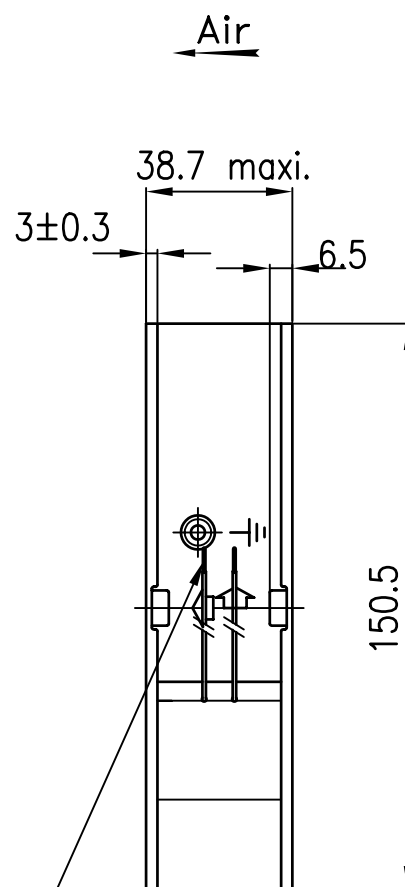
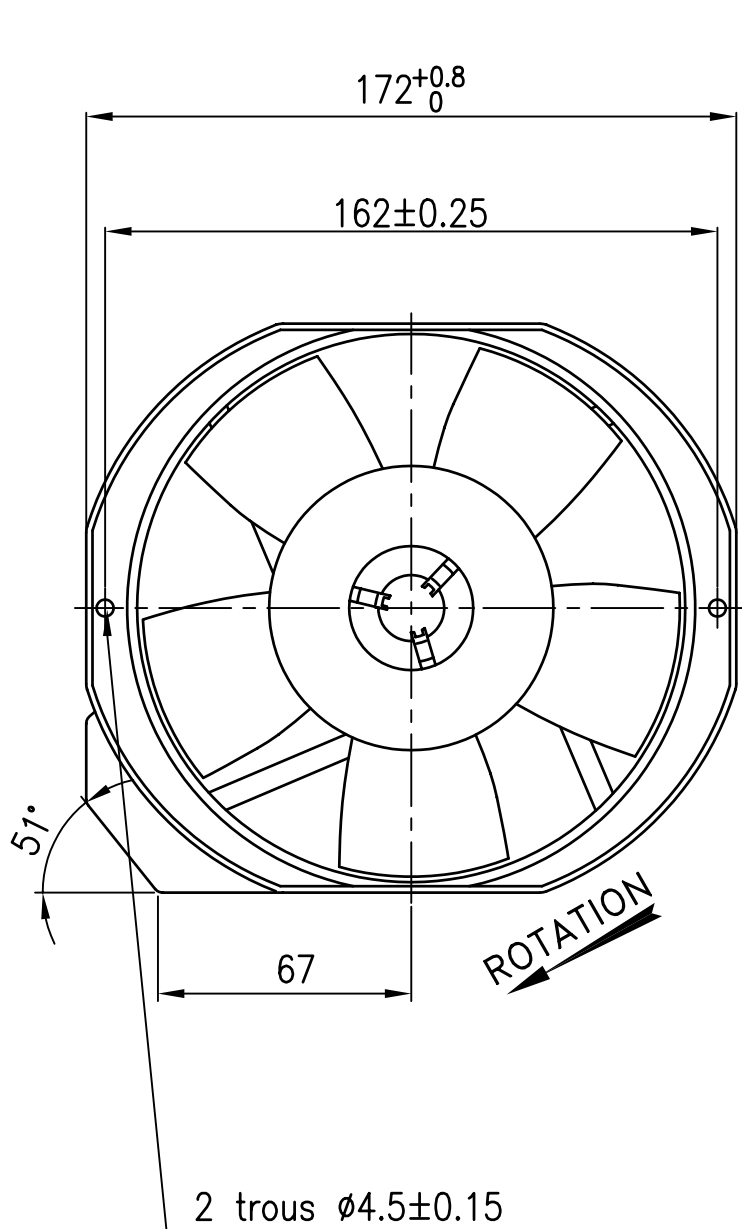
	RoHS	VDE	UL	CSA	CE	
APPROVALS	oui	NO	Yes	NO	Yes	

Motor protection	Thermally Protected			
Variable Speed-input				
Speed Sensor	" NO "		* Vcc =	
Qty cycles per road= 00	vce(sat)=	* Ic=	* R:>= Kohms	
output collector	* Fil(s) *	* AWG	*	*
T0 =	* T1 =	* T2 =	* T3 =	
Sensing Temperature	NO			

Issue Date: 13/01/2015

Performances of PART NUMBER	148VK0282072	Ind. A
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				According to CCTU 18-10					*	Performances at free air					
Volts	Frequency	Phase		Static Pressure			Airflow		Noise	Speed	Power	Intensity		Capacity	Rise
(V)	(Hz)	(s)		(mm H2O)	(inch)	(Pascal)	(l/s)	(cfm)	Lp dB(A)	(Rpm)	Watts	nom.(mA)	strt(mA)	(μF)/Volts	wind. (°C)
115	50	1		18,7	0,74	183,447	100	211,86	54,00	2850	32	300	610	2,7 /170 vac	45
115	60	1		24	0,94	235,44	119	252,12	57,00	3300	32	270	590	2,7 /170 vac	35

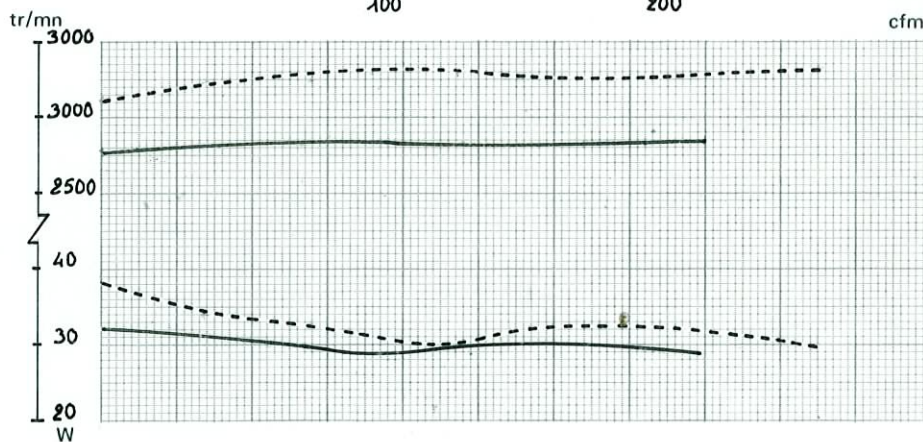
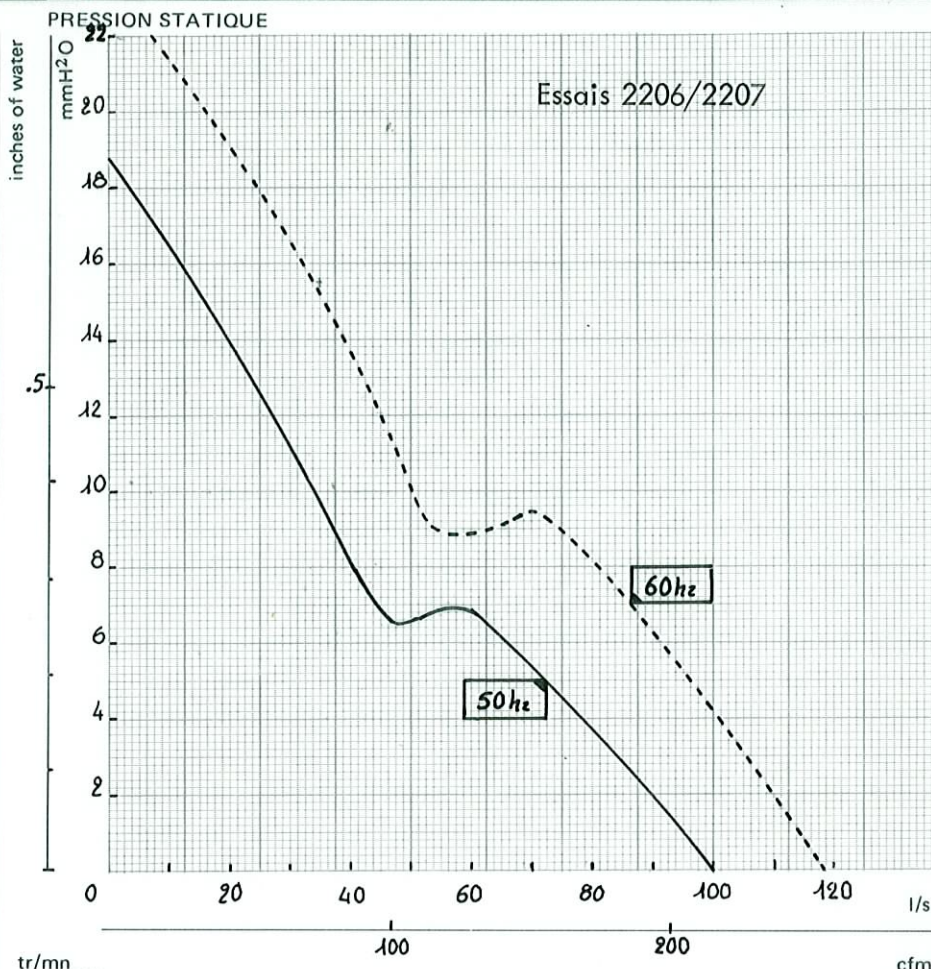


2 fils selon fich.tech.
data-sheet

Sauf indication contraire

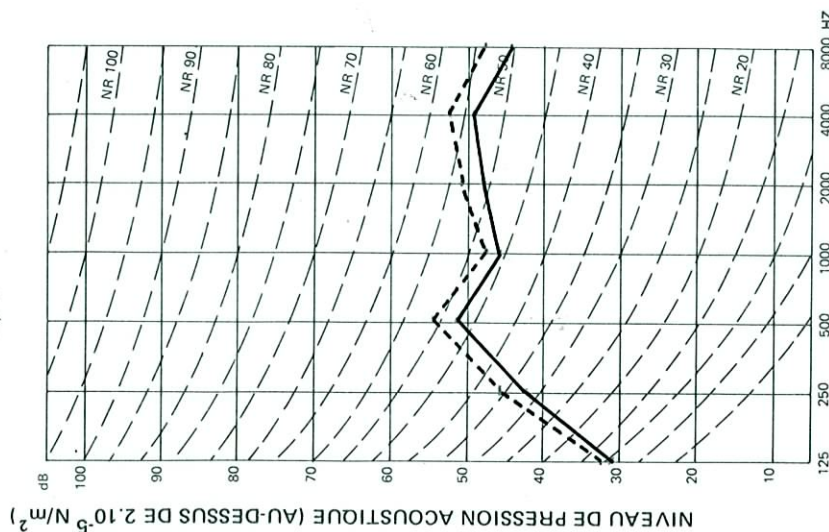
– tolérance à ± 0.8

– angles à $\pm 0.5^\circ$



COURBES DE BRUIT (CNAM)

dB(A) : 54/57
SIL : 47/51



NIVEAU DE PRESSION ACOUSTIQUE (AU-DESSUS DE 2.10⁻⁵ N/m²)

EDITION	1	30.3.79	4
	2	6.10.81	5
	3		6

Annexe

Référence 148vk0282072	Ind.A
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ENCLOSURE I

Fan operating under IP 54 environment.