



SPECIFICATION FOR APPROVAL

SPECIFICATION POUR VALIDATION

Customer :
Client :

Description : *Axial AC Fan*
Description :

Part Number : *125XR0381000*
Référence :

Rev : /
Ind : /

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

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

Approved By :
Validé par :

Date :
Date :



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PART NUMBER 125XR0381000	Ind./
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ELECTRICAL SPECS

Nominal voltage208-240 Volt
Voltage range(188-254)V
Frequency50/60 Hertz
Phase	.....	.....1~ AC sinus.

DESCRIPTION

Fan	.....	.....helicoid
Motor type	.....	.....ALTERNATING CURRENT
Class	.....	.....B
IP	.....	.....IP20
Dielectric	.....	.....2250V/5s/4mA
Dimensions (mm)	.....	.....Length 120,00 width: 120,00
	.....	.....Thickness: 38,00 :
weight	.....	.....0,725 Kg
Housing material	.....	.....Zamak
Fixing holes	.....	.....Ø4,3 bNbr 4
Impeller material	.....	.....Plastic UL 94 V0
Type of bearings	.....	..... Ball Bearing
Drawing/Performances curves	.....	..... /

ENVIRONMENT

Design Code	.....	C11 : Standard
Operating temp	.....	.....Min: -10°C Max: + 70 °C
Storage temperature	.....	.....-40 à +70°C
Life time (typical value)	.....	.....80.000 Hours at 40°C L10

Connection	.....	Terminals
		FASTONS 2,8x0.5

	RoHS	VDE	UL	CSA	CE	
APPROVALS	oui	NO	Yes	YES	Yes	

PART NUMBER 125XR0381000 Ind. /

DIVERS

Motor protection	Impedance Protected
Variable Speed-input	
Speed Sensor	Tachy 0011575 AC RNB1 R>2K * Vcc = +4.5 à 24V
	Vce(sat)= 0.4 V max * Ic= 10 mA max * R:2 Kohms
output collector	* 3 Fil(s) * * AWG 28 * PTFE * 300mm
T0 =	* T1 = * T2 = * T3 =
Sensing Temperature	NO

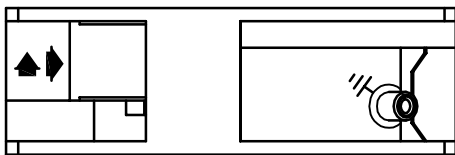
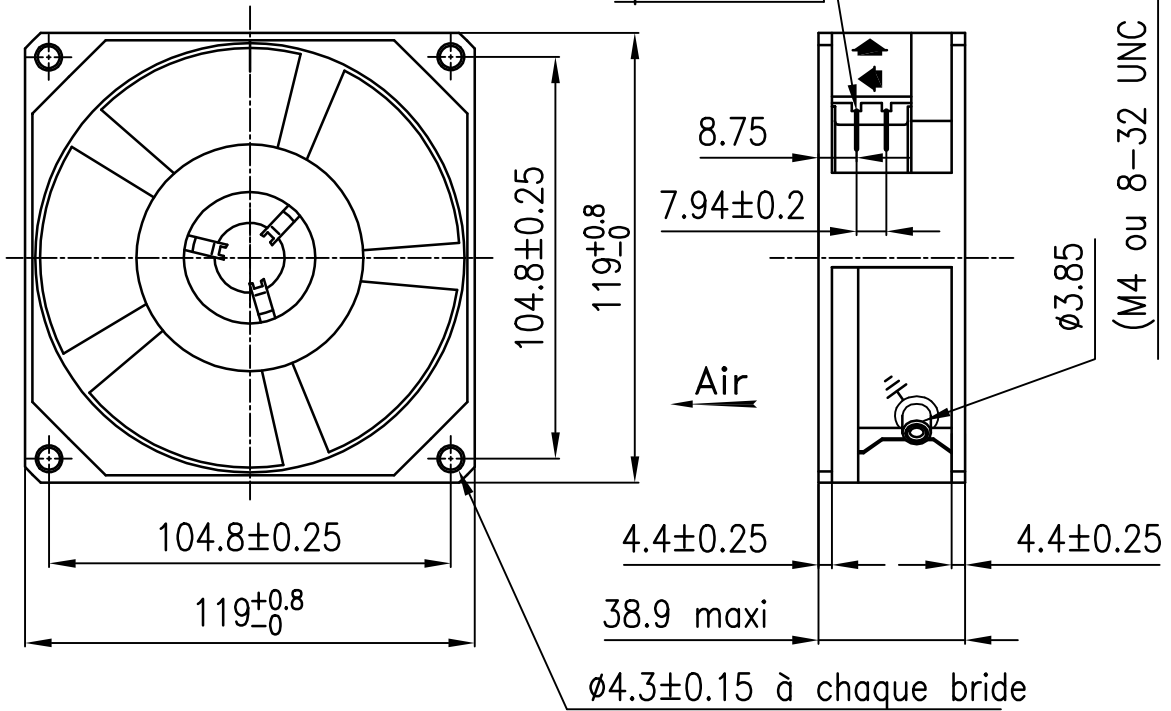
* According to spec 2301651510.

Performances of PART NUMBER 125XR0381000 Ind. /

			According to CCTU-1810			*	Performances at free air							
Volts	Frequency	Phase	Static Pressure			Airflow	Noise level	Speed	Power	Intensity		Capacity start	Rise Wind.	
(V)	(Hz)	(s)	(mm H2O)	(inch)	(Pascal)	(l/s)	(cfm)	dB(A)	(Rpm)	Watts	nom.(mA)	strt(mA)	(µF)/Volts	(°C)
220	50	1	9,5	0,37	93,195	44	93,22	44,00	2800	18	125	170	/	45
220	60	1	10,5	0,41	103,005	53	112,29	48,00	3200	15	105	150	/	35

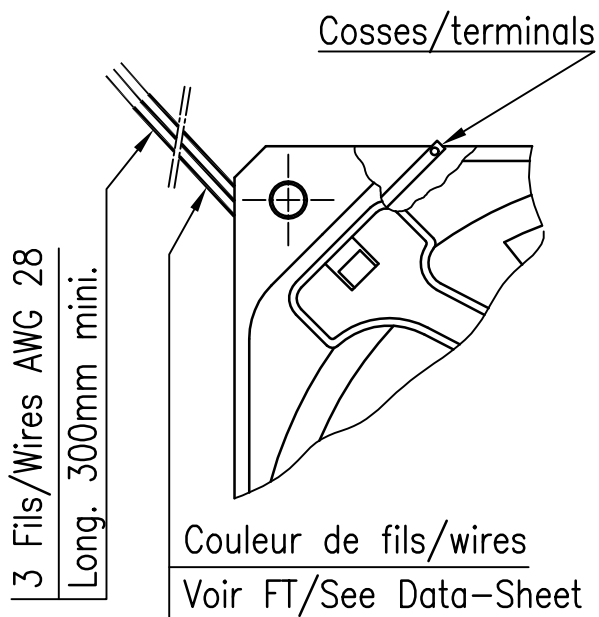
ROTATION


2 cosses/terminals: Lg 7.9 ± 0.4
 lg 3.05 ± 0.1
 ep 0.5 ± 0.03

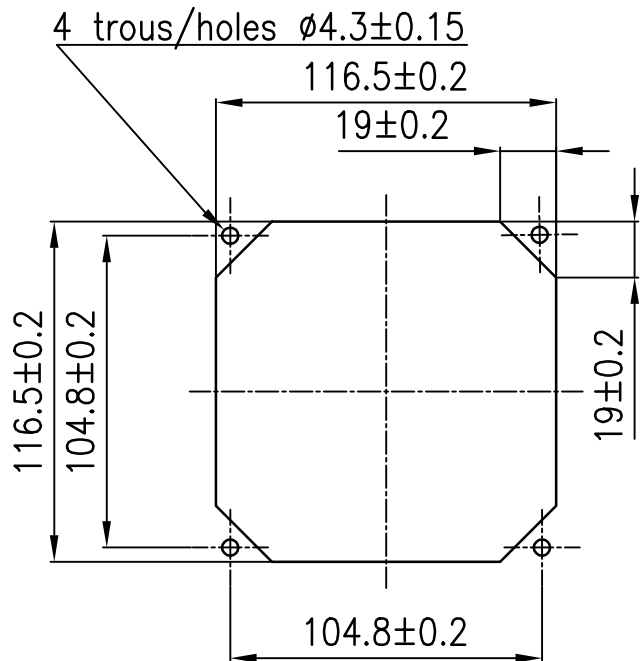


Sauf indication contraire
 - tolérance à ± 0.8
 - angles à $\pm 5^\circ$

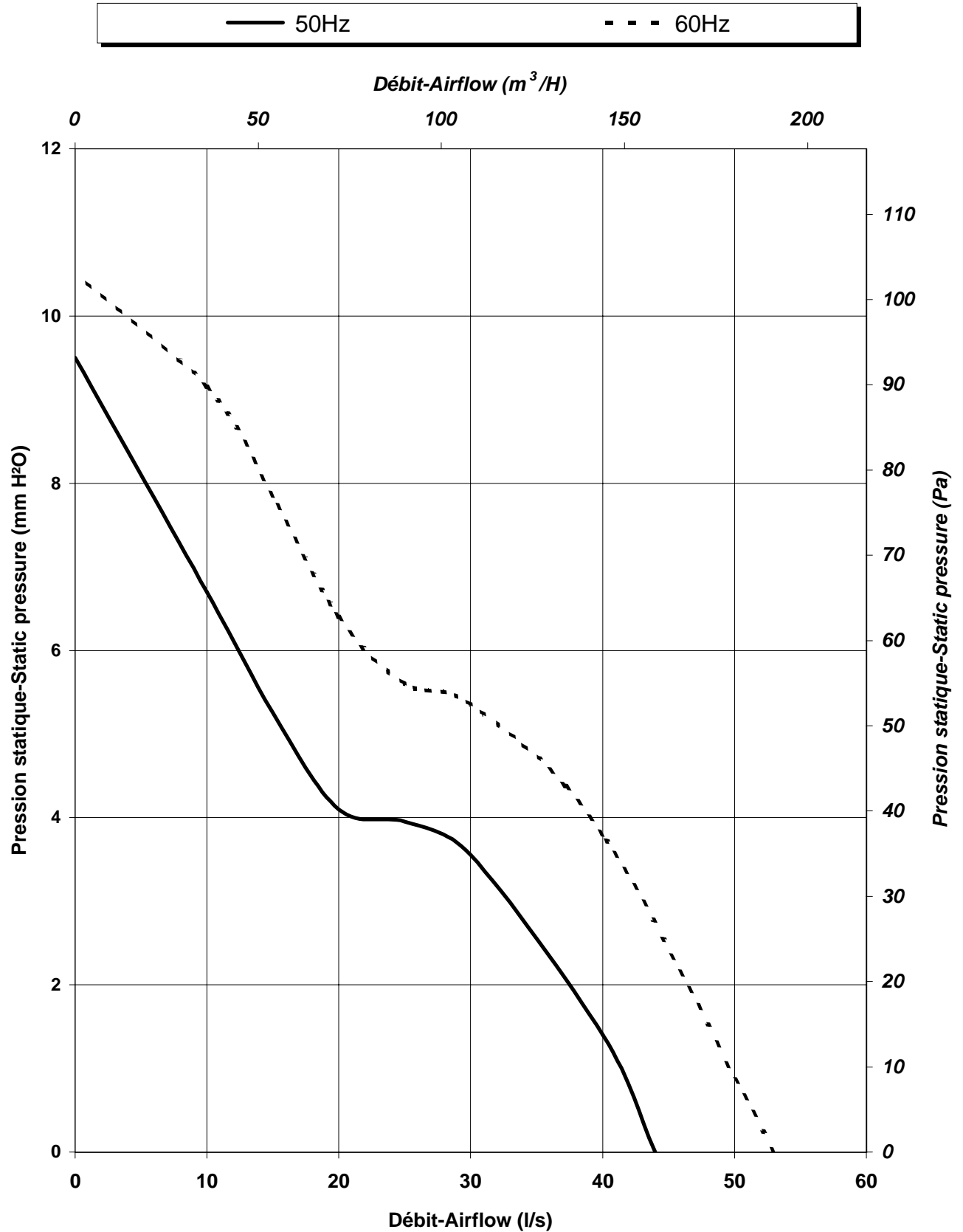
OPTION SENSOR



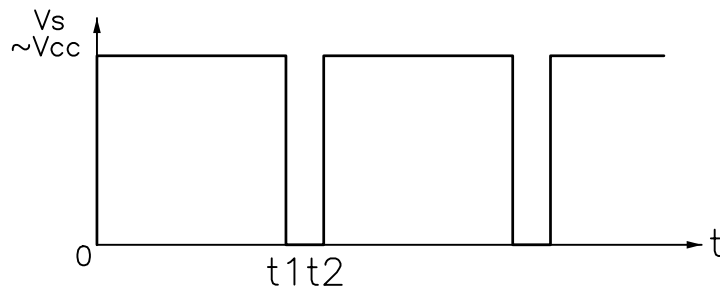
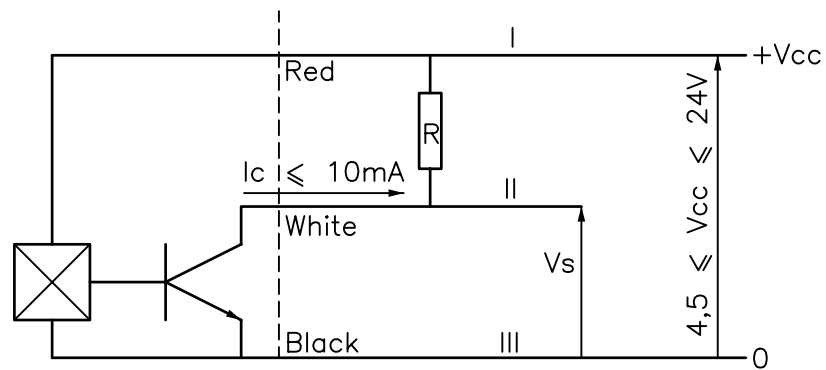
Découpe de la cloison



COURBE AERAULIQUE - PERFORMANCES CURVE



Speed sensor with Hall effect probes



$$T = t_2 = \frac{60}{N \times n}$$

t: in seconds

N: Nominal speed in Tr/mn (eg: 3600)

n: Number of south poles (eg: 1)

$$\frac{t_2}{t_1} = \frac{D}{l}$$

D: Distance covered by the magnet in 1 rotation (eg: $\pi \times \phi \rightarrow \phi 65$)

l: Width of the magnet (eg: $\phi 4$)