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Date of the revision 2021-01-04: Creation of the technical file

RANGE: Backward curved centrifugal fans with single phase asynchronous motor

OEP	Test	LU26Ca	Customer	ECODIST
	Winding	L33	Reference	
Drawing of the product	BIS_U24-C6 p - 0-00.pdf		Designation	2RRE25 220x43R



ELECTRICAL DATA

Speed	SGV	SGV
Tension (V)	230	230
Frequency (Hz)	50	60
Current (A)	0.38	0.51
Maximum current (A)	0.47	0.62
Power (W)	85	115
Maximum power (W)	99	130
Rotation (RPM)	2550	2805
Cos Φ	0.973	0.980
Temperature min/max (°C)	-20/+70	-20/+70
Capacitor (μ F)	3.00	3.00
U_condo (V)	400	400
Comments	Free Air Flow	Free Air Flow

Winding temperature cold (Temperature at 20°C, tolerances 7%)

PP	PA
74.0 Ohm	94.0 Ohm

Temperature variation ()

F (Hz)	Average elevation (°K)	Speed
50 Hz	50 °K	SGV
60 Hz	47 °K	SGV

Dielectric strength 1500 VAC 60 seconds

Direction of rotation CW

MARKING & STANDARDS

Conformity

- CE



The product is manufactured in accordance with EN 60335-1, and RoHS directive 2015/863/CE
IP class according to EN 60034-5 to be checked with operation and installation

Réf. EV EC 025 - Revision b

Issued: 2021-01-04 at 16:20 Documentations and pictures are non contractual, all the data of the technical file and the drawing are subject to change.

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TECHNICAL DATA

Description

- Weight: 1.80 kg
- With Condensat Drain Holes
- Class F
- Protection level: 44 | Protection against ingress of solid with diameter ≥ 1 mm / Protection against ingress of water : splashing
- Motor's protection T150° C Automatic reset
- Bearing type: 2 ball bearings 608ZZ
- Balance level: G2.5

Special features

- any

Limiting conditions of operation

- any

ADDITIONAL DATA

Documentations

- Operating and recycling manual
<http://www.ecofit.com/anglais/normes>

Measurement setup

- Ouie 16291-0 Ouie P/Turb. Ø220 E-Wheel

*The product is manufactured in accordance with EN 60335-1, and RoHS directive 2015/863/CE
IP class according to EN 60034-5 to be checked with operation and installation*

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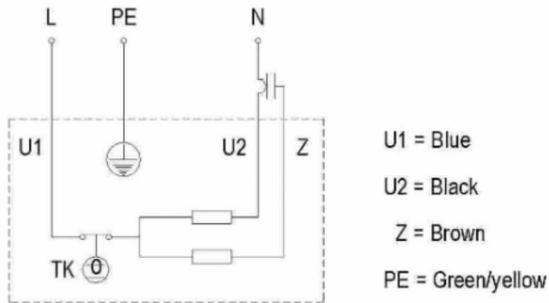
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CONNECTORS

Wiring diagram

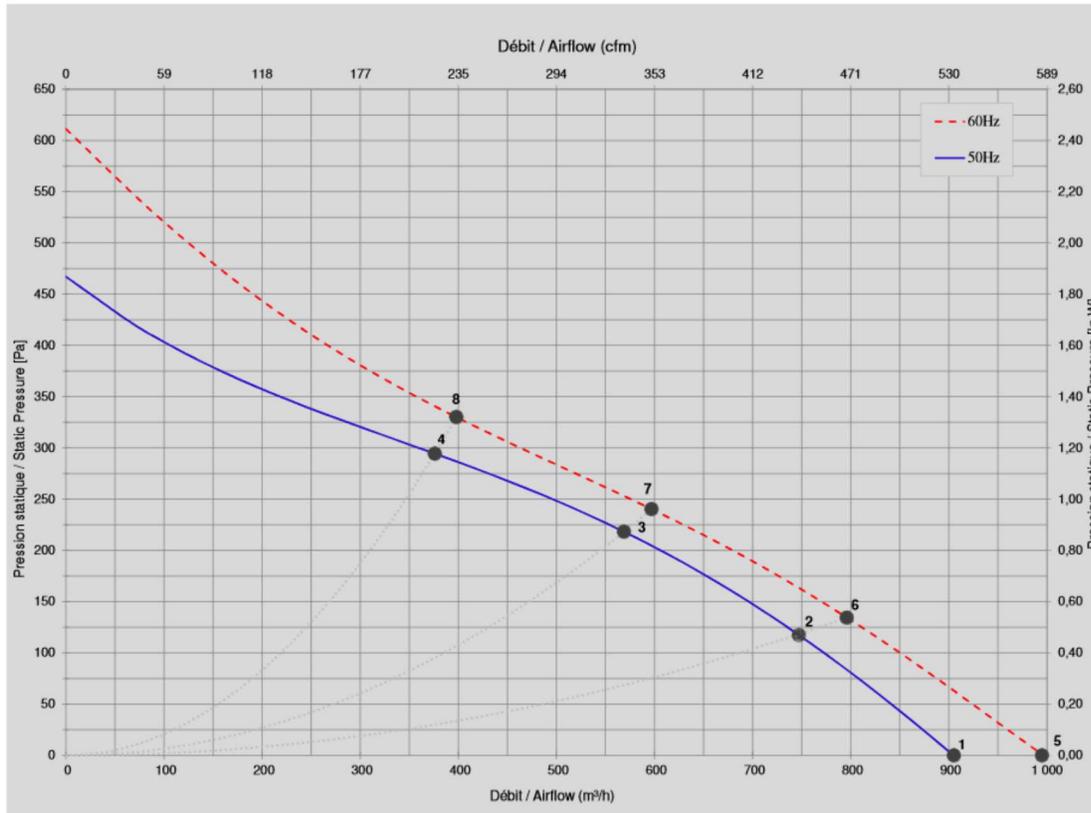


ERP DATA

ErP Directive ErP (EU 2009/125/EC) not applicable:

- Power at optimum energy efficiency point <125W

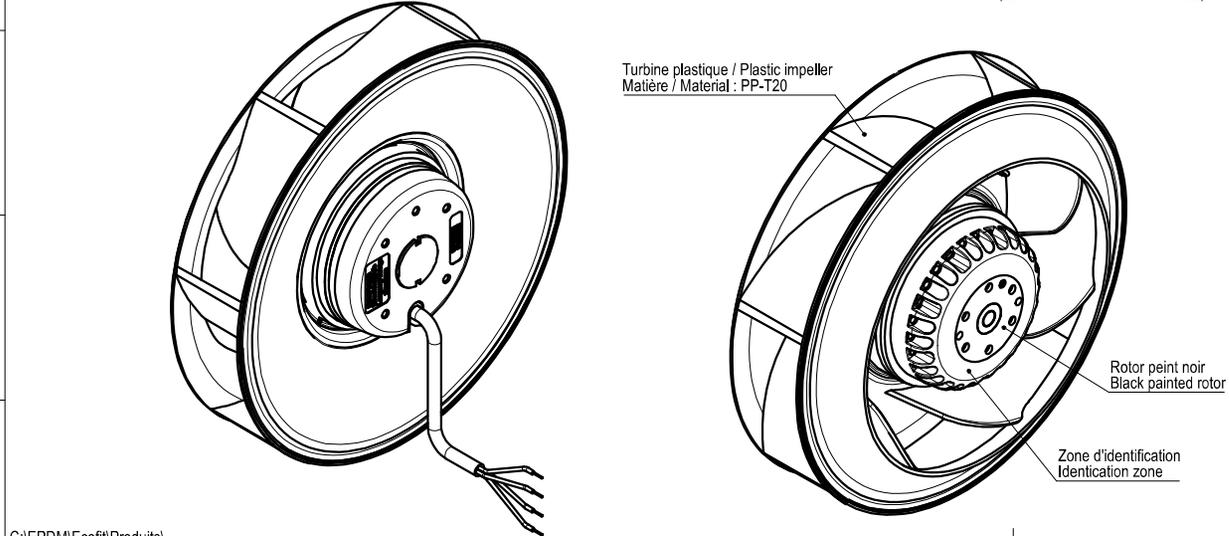
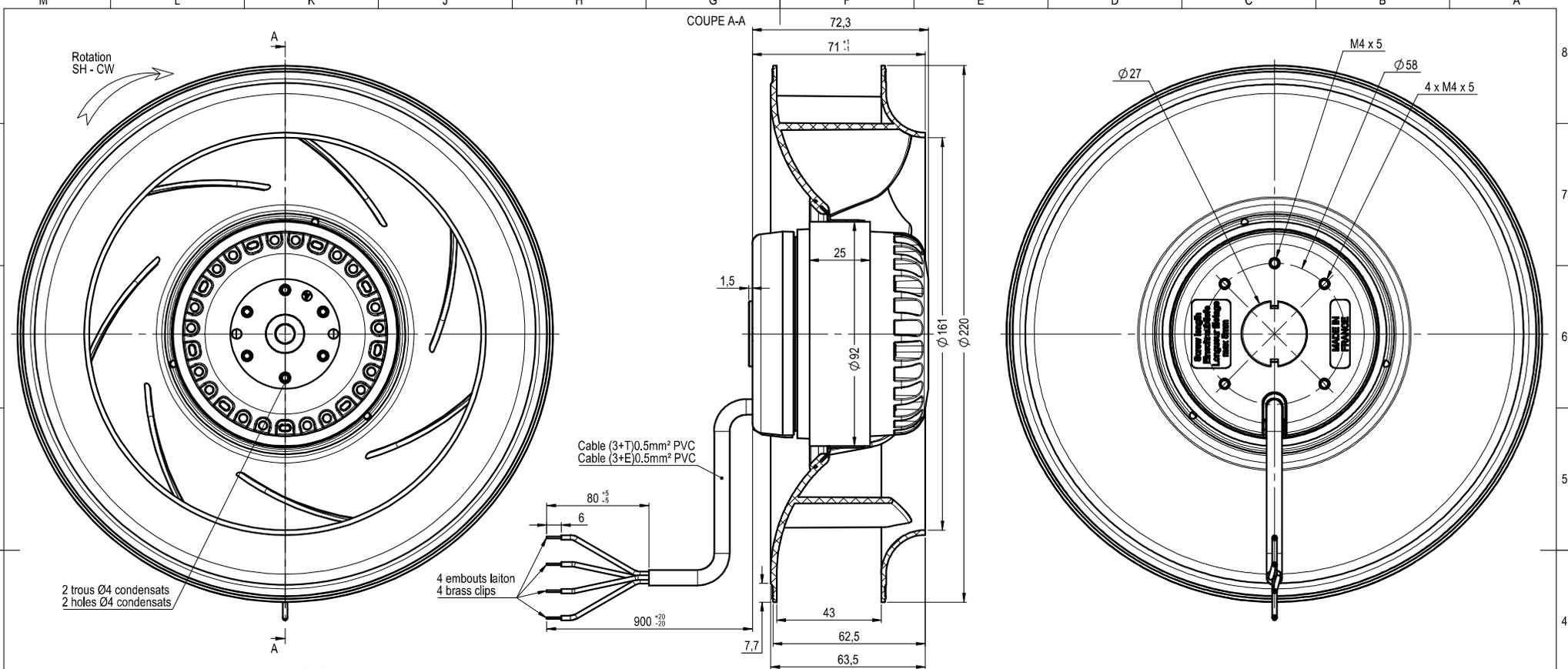
TECHNICAL DATA



Mesures / Measured Values *

	Un (V)	F (Hz)	C (µF)	P (W)	n (RPM)	Q (m³/h)	P (Pa)	Q (cfm)	P (in.W)	Lp _{in} (dBA)
1	230	50	3	85	2550	905	0	533	0,000	64,0
2	230	50	3	94	2453	747	118	440	0,471	62,0
3	230	50	3	99	2404	569	218	335	0,874	58,0
4	230	50	3	96	2434	376	295	221	1,180	59,0
5	230	60	3	115	2805	995	0	586	0,000	66,0
6	230	60	3	125	2621	796	135	469	0,539	63,0
7	230	60	3	130	2524	597	240	351	0,963	60,0
8	230	60	3	127	2584	398	330	234	1,322	61,0

* Air performance measured according to: ISO 5801, installation category C.
Intake-side sound level: according to ISO 3744, LpA measured at 1 m distance from fan axis. The values given are only applicable under the specified measuring conditions and may differ depending on the installation conditions. In the event of deviation



0-00	09/12/2020	Création du dossier technique		dr
INDICE	DATE	LIBELLÉ		AUTEUR
		Dessiné par : DR	Matière : Voir nomenclature	Fiche technique / Data sheet EV.EC.025
Ech. 0,9:1	09/12/2020	Traitement : - Les cotes avec leur tolérances s'entendent pièces après traitement		Finition : - Etat de surface : -
Format A2	Folio 1/1	Vérifié par : -	Protection : -	Tolérances générales : ± 1mm
BACKWARD CURVED CENTRIFUGAL FAN MOTO VENTILATEUR 2RRE25-220x43R				 ECOFIT & ETRI PRODUCTS
SolidWorks 2019				Indice : 0-00
CE DOCUMENT EST LA PROPRIÉTÉ D'ECOFIT. IL NE PEUT ÊTRE REPRODUIT OU COMMUNIQUÉ SANS SON AUTORISATION ÉCRITE.				