

Technical data sheet

Revision h
Revision 01/2021



Model
N05-48 p

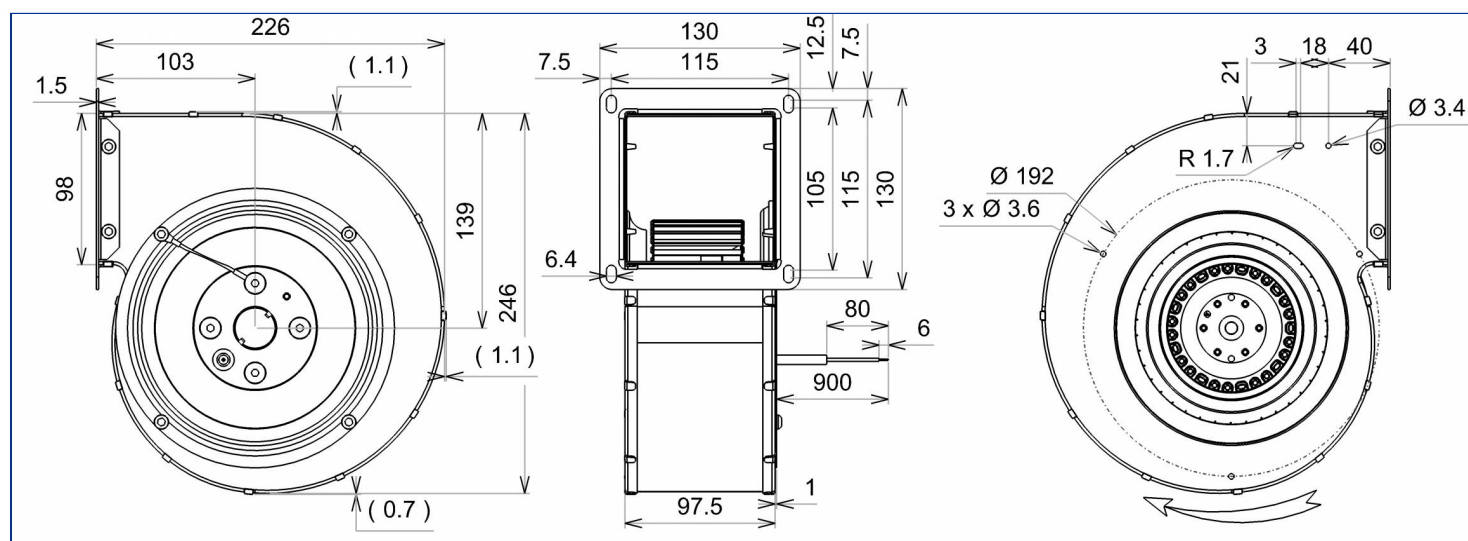


Designation **2GRE15 140x59R**

Range Single inlet centrifugal fans with single phase asynchronous motor

ELECTRICAL DATA

Speed		
Tension (V)	230	230
Frequency (Hz)	50	60
Current (A)	0.41	0.44
Maximum current (A)	0.45	0.48
Power (W)	93	101
Maximum power (W)	93	101
Rotation (RPM)	1470	1375
Cos Φ	0.986	0.998
Temperature min/max (°C)	-20/+70	-20/+65
Capacitor (µF)	2.00	2.00
U_condo (V)	400	400



MARKING & STANDARDS

Conformity

- CE



Thermally Protected
N05-48
51-20- 0000

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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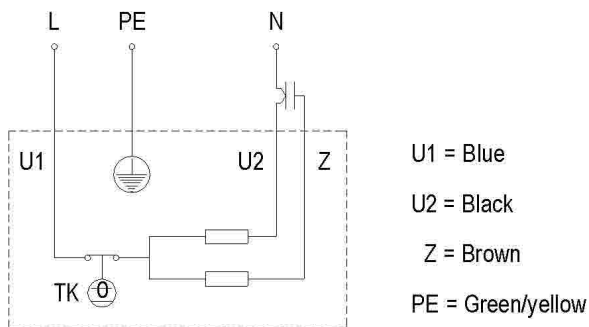
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TECHNICAL DATA

Description

- Weight: 2.50 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

Wiring diagram



Finishes

- Rotor : black paint
- Galvanized steel impeller
- Galvanized steel scroll housing



ADDITIONAL DATA

Accessories

- 19008 | Capacitor
- 21325 | Finger guard

Documentations

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

Measurement setup

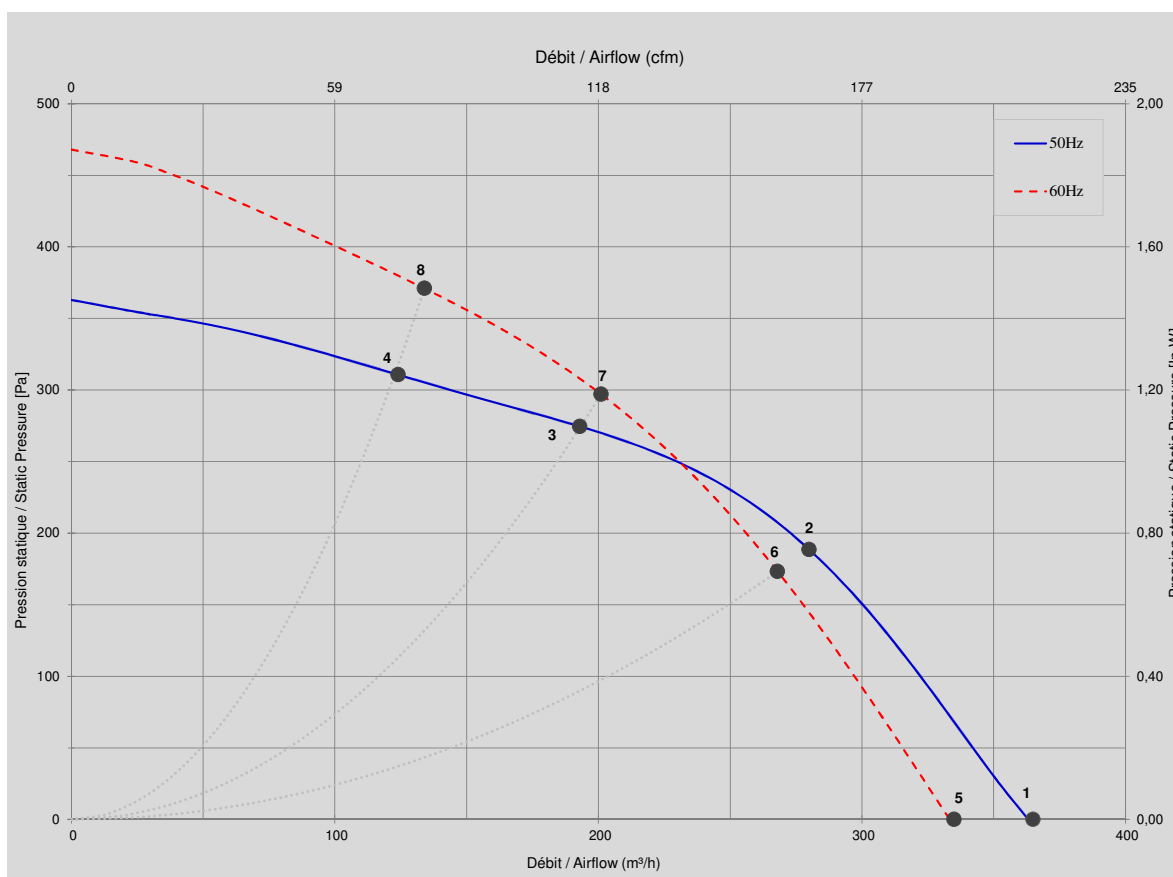
- Scroll 15325-a VOL VV98D Ouie 125

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	2	93	1470	365	0	215	0,000	59,0
2	230	50	2	84	1961	280	189	165	0,755	58,0
3	230	50	2	73	2305	193	275	114	1,100	59,0
4	230	50	2	67	2470	124	311	73	1,244	61,0
5	230	60	2	101	1375	335	0	197	0,000	56,0
6	230	60	2	99	1891	268	173	158	0,694	57,0
7	230	60	2	91	2383	201	297	118	1,190	61,0
8	230	60	2	84	2688	134	371	79	1,486	62,0

* 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

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