

Technical data sheet

Revision k
Revision 01/2021



Model
N05-56 p

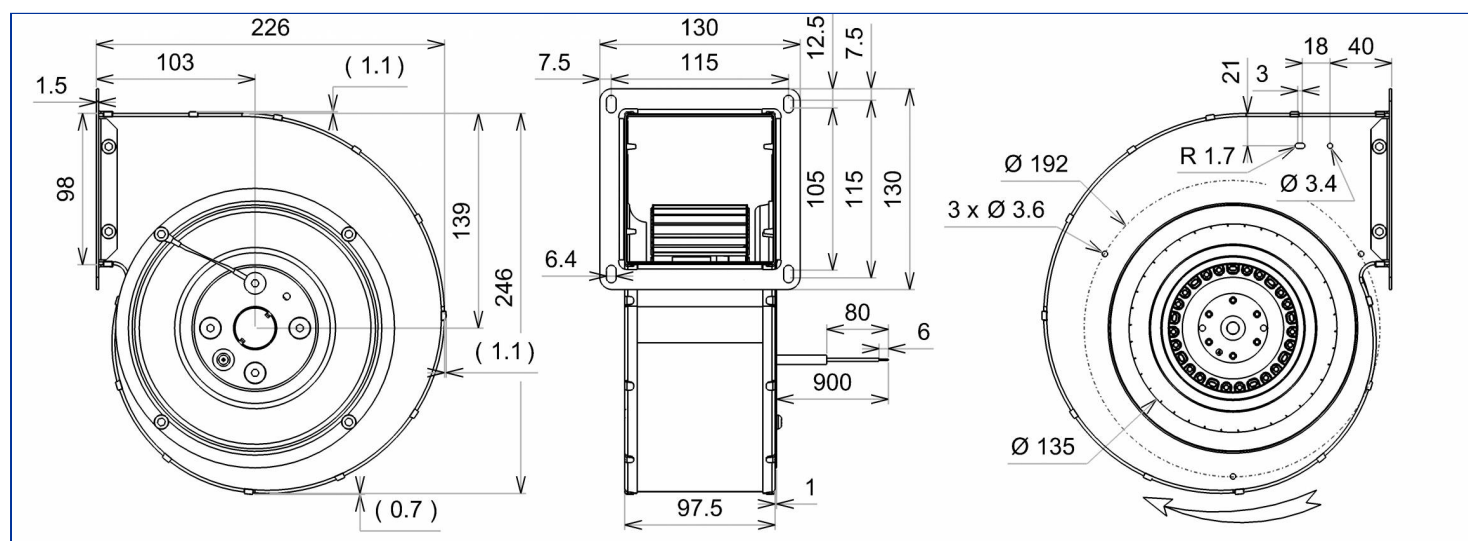


Designation **2GRE35 160x62R**

Range Single inlet centrifugal fans with single phase asynchronous motor

ELECTRICAL DATA

Speed		
Tension (V)	230	230
Frequency (Hz)	50	60
Current (A)	0.66	0.71
Maximum current (A)	0.73	0.78
Power (W)	151	162
Maximum power (W)	151	163
Rotation (RPM)	1430	1335
Cos Φ	0.995	0.992
Temperature min/max (°C)	-20/+70	-20/+50
Capacitor (µF)	3.50	3.50
U_condo (V)	400	400



MARKING & STANDARDS

Conformity

- CE



Thermally Protected
105.56
51-26-1000

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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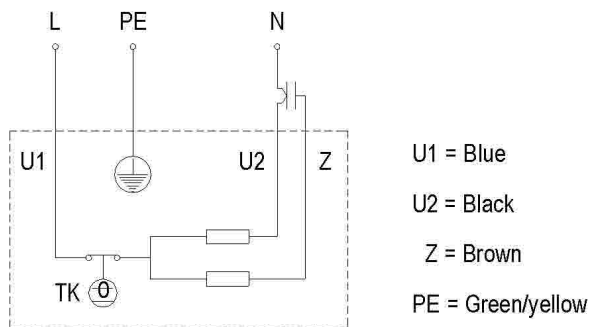
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TECHNICAL DATA

Description

- Weight: 3.60 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

- 19049 | Capacitor
- 21325 | Finger guard

Documentations

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

Measurement setup

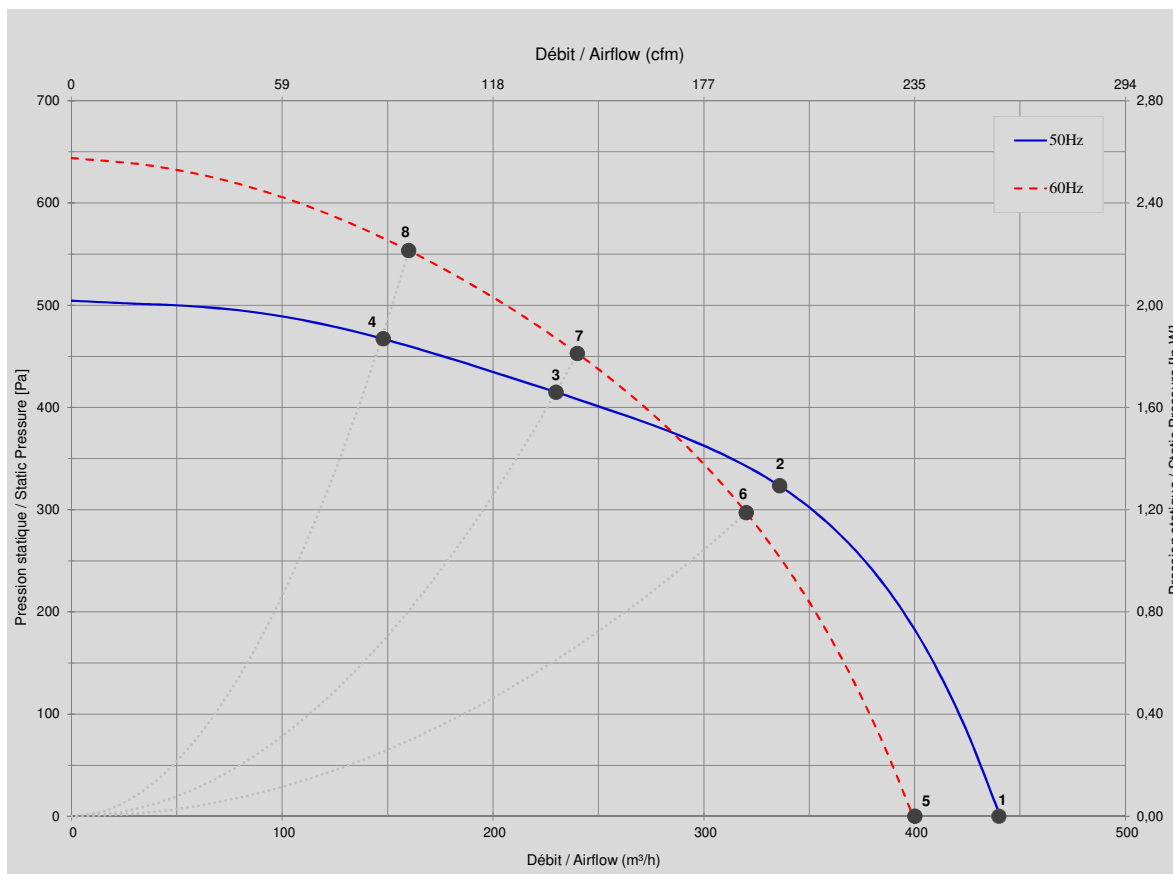
- Scroll 15327-a VOL VV98D Ouie Ø135

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	3,5	151	1380	440	0	259	0,000	61,0
2	230	50	3,5	121	2210	336	323	198	1,295	64,0
3	230	50	3,5	99	2511	230	415	135	1,662	65,0
4	230	50	3,5	86	2625	148	467	87	1,871	65,4
5	230	60	3,5	159	1265	400	0	236	0,000	59,0
6	230	60	3,5	150	2133	320	297	188	1,190	63,0
7	230	60	3,5	136	2618	240	453	141	1,814	66,0
8	230	60	3,5	125	2856	160	553	94	2,217	68,0

* 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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