

Technical data sheet

Revision g
Revision 05/2023

ECOFIT

by

rosenberg
THE AIR MOVEMENT GROUP
VENDÔME

Model
Z18-23 p

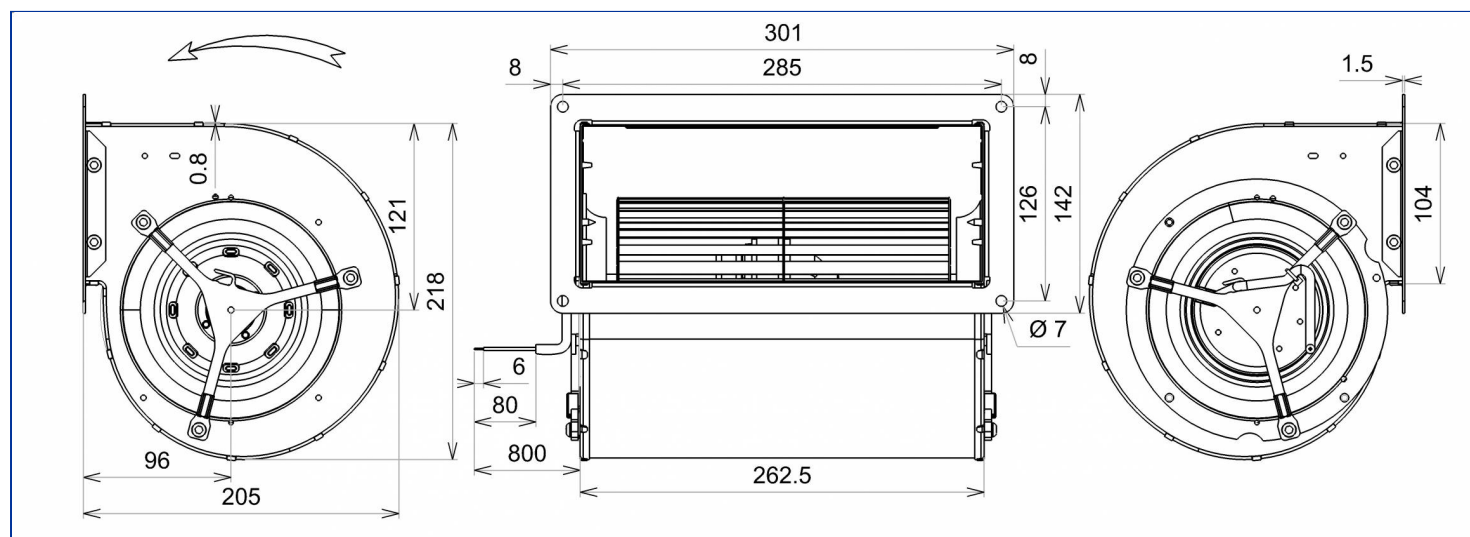


Designation **4GDS25 146x216L**

Range Double inlet centrifugal fans with single phase asynchronous motor

ELECTRICAL DATA

Speed		
Tension (V)	230	230
Frequency (Hz)	50	60
Current (A)	0.35	0.41
Maximum current (A)	0.39	0.45
Power (W)	80	93
Maximum power (W)	80	93
Rotation (RPM)	990	980
Cos Φ	0.994	0.986
Temperature min/max (°C)	-20/+70	-20/+70
Capacitor (µF)	2.00	2.00
U_condo (V)	400	400



MARKING & STANDARDS

Conformity

- CE
- UKCA



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

Issued: 2023-05-02 at 08:02 Documentations and pictures are non contractual, all the data of the technical file and the drawing are subject to change.

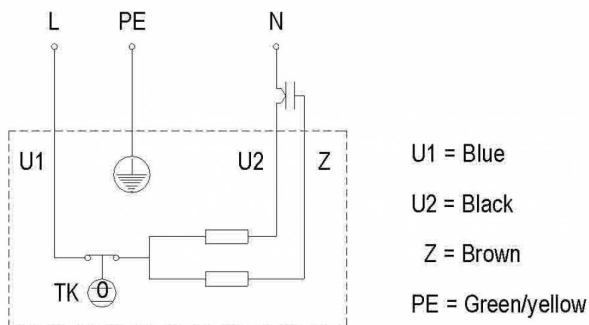
EN - Page 1 / 4

TECHNICAL DATA

Description

- Weight: 4.10 kg
- Without 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

- Galvanized steel impeller
- Galvanized scroll and frame

Technical data sheet

Revision g
Revision 05/2023



by



Model
Z18-23 p

ADDITIONAL DATA

Accessories

- 19008 | Capacitor
- 21338 | Finger guard

Documentations

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

Measurement setup

- Scroll 15281-a VOL VHD263 H18 Galva

ERP DATA

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

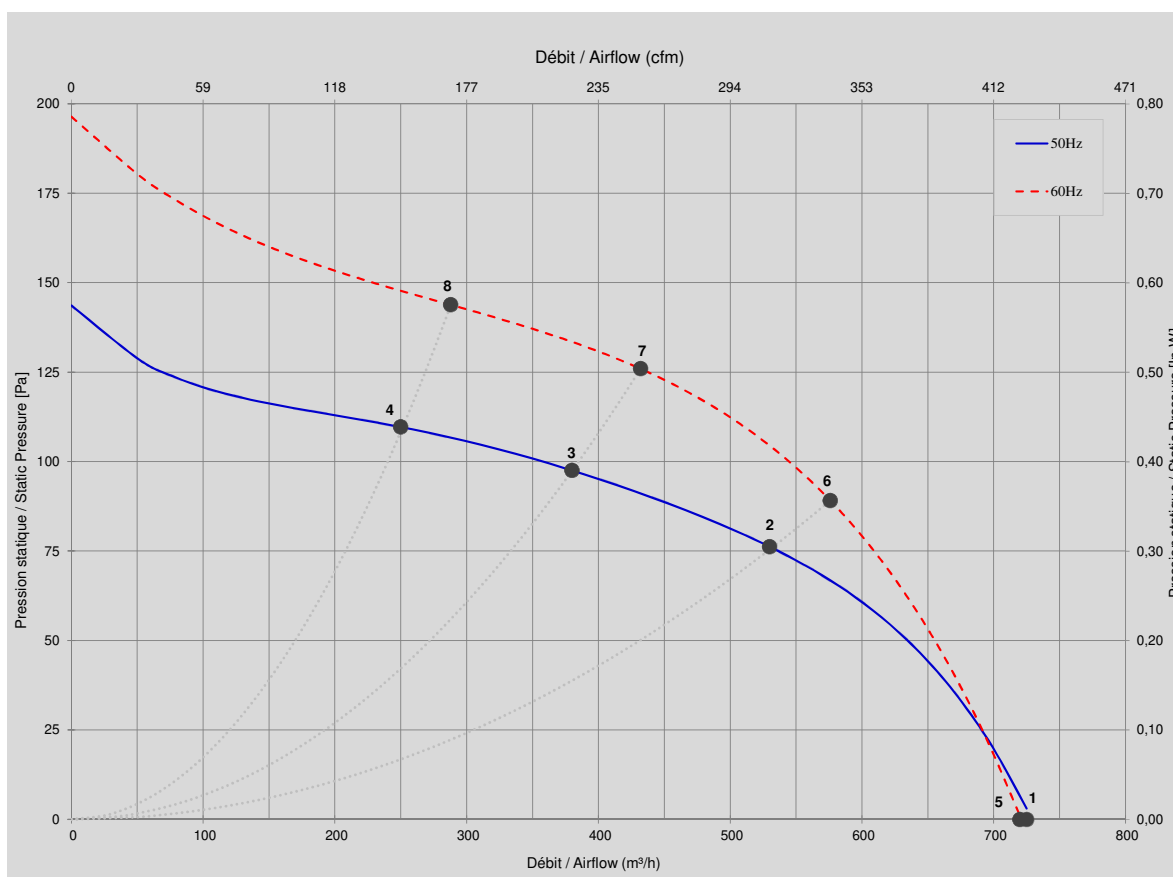
- Power at optimum energy efficiency point <125W

*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*

Issued: 2023-05-02 at 08:02 Documentations and pictures are non contractual, all the data of the technical file and the drawing are subject to change.

EN - Page 3 / 4

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	80	990	725	0	427	0,000	55,0
2	230	50	2	67	1222	530	76	312	0,305	52,0
3	230	50	2	62	1316	380	98	224	0,391	50,0
4	230	50	2	58	1370	250	110	147	0,439	49,0
5	230	60	2	93	980	720	0	424	0,000	55,0
6	230	60	2	84	1329	576	89	339	0,357	53,0
7	230	60	2	77	1477	432	126	254	0,505	53,0
8	230	60	2	71	1585	288	144	170	0,576	53,0

* 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

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

Issued: 2023-05-02 at 08:02 Documentations and pictures are non contractual, all the data of the technical file and the drawing are subject to change.

EN - Page 4 / 4