

Author: A. CORNET

Date of the revision 2025-03-19: Création prototype

For consultation
Revision of datasheet in writing

RANGE: Double inlet centrifugal fans with electronic commutation motor

Fan type	FC	Test	LS27Fa	Customer	PROCLUS
		Winding	01V	Number	Retrofit V10-07 Carrier
Drawing of the product				Designation	GDSV8 200x180L



ELECTRICAL DATA

Voltage (V)	230
Frequency (Hz)	50/60
Current (A)	0.84
Maximum current (A)	1.46
Power (W)	188
Maximum power (W)	300
Speed rotation (RPM)	1030
Cos Φ	0.973
Temperature min/max (°C)	-20/+60
Comments	débit libre 10V

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

1
18.8 Ohm

Dielectric strength 2176VDC **60 seconds**

Direction of rotation CCW

MARKING & STANDARDS

Conformity

- **CE**

ErP 2026 compliant

Author: A. CORNET

Date of the revision 2025-03-19: Création prototype

For consultation
Revision of datasheet in writing

TECHNICAL DATA

Description

- Weight: 8.00 kg
- Class F
- Ingress Protection : IP 54 | Protection against ingress of dust / Protection against ingress of water : splashing
- Motor's protection Electronically protected
- Bearing type: 2 ball bearings 6000ZZ
- Balance level: G2.5

Special features

- Configuration: V061
- any

Limiting conditions of operation

- any

Finishes

- any

ADDITIONAL DATA

Documentations

- Operating and recycling manual.
<https://en.ecofit.com/contact/contact/5-contact-us.html>

Measurement setup

- Scroll 15345-e VOL VLD206+cadre XC PN

Author: A. CORNET

Date of the revision 2025-03-19: Création prototype

For consultation
Revision of datasheet in writing

CONNECTORS

Wiring diagram

(non renseigné)

Cable details

- Cable Sili (PVC) MY2-Y2 3G 0.5mm²
Length of cable 780 mm ± 20 mm (hors voute)
Separate 80 mm ± 10 mm
Naked length 6 mm Terminations Brass clips
- Cable Sili (PVC) MY2-Y2 5x 0.22mm²
Length of cable 780 mm ± 20 mm (hors voute)
Separate 80 mm ± 10 mm
Naked length 6 mm

ERP DATA

Data according to ErP directive

Voltage	230	V
Frequency	50/60	Hz
Power ¹	0.296	kW
Airflow ¹	975	m3/h
Pressure ¹	513	Pa
Speed rotation ¹	1973	RPM
Installation category	A	
Efficiency category	static	
Variable speed driver	Yes	
Special ratio	1.00	

- Designed for standard applications according to the directive Regulation (EU) 2024/1834/EC

	Actual	2026
Overall efficiency	53.9	36.0
Efficiency grade	70	52

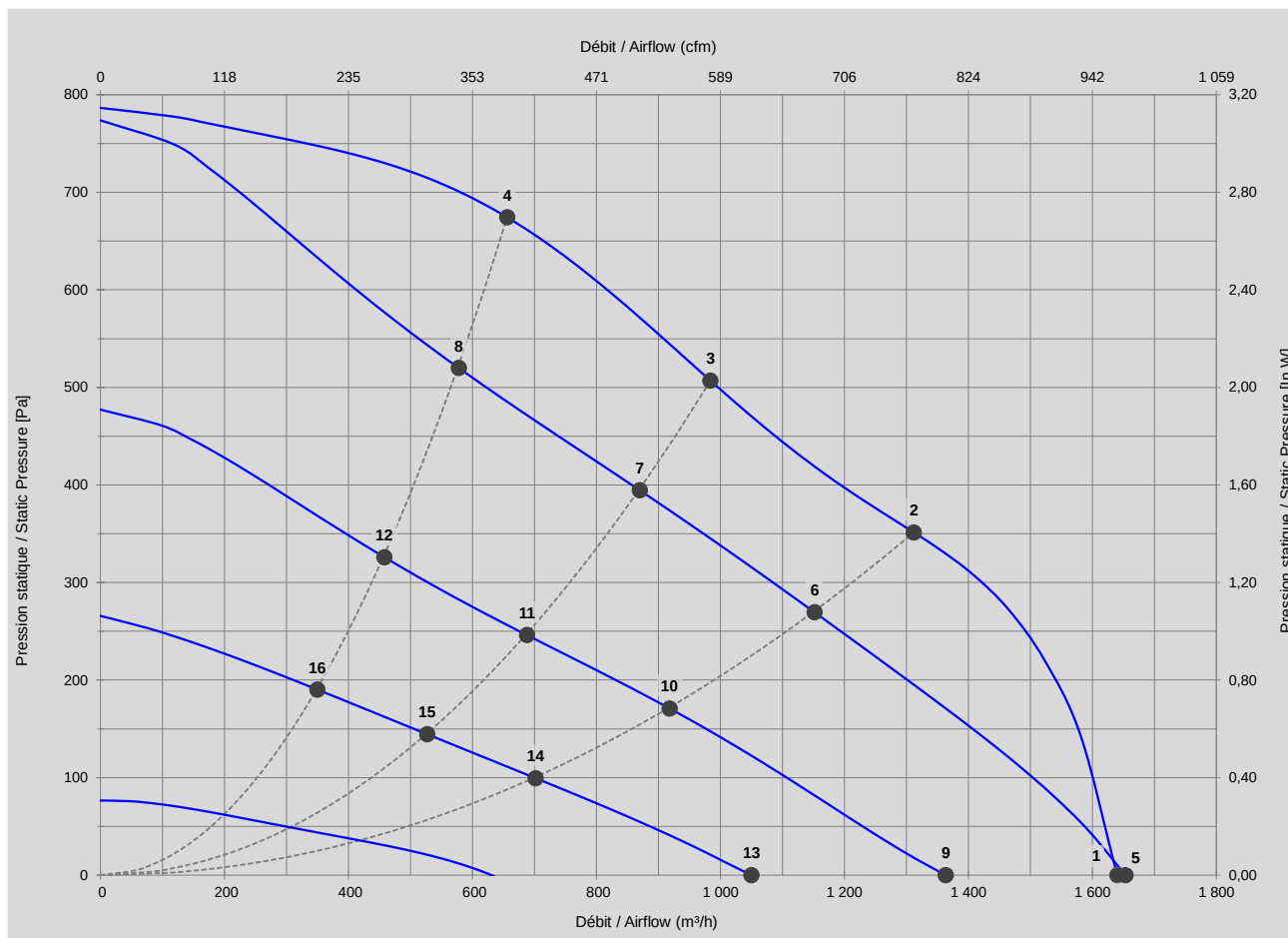
¹ at optimum energy efficiency point

Author: A. CORNET

Date of the revision 2025-03-19: Création prototype

For consultation
Revision of datasheet in writing

TECHNICAL DATA



Mesures / Measured Values*

	Un (V)	Vctl (V)	F (Hz)	P (W)	n (RPM)	Q (m³/h)	P (Pa)	Q (cfm)	P (in.W)	Lp _{in} (dBA)
1	230	10	50/60	188	1030	1 640	0	965	0,000	
2	230	10	50/60	300	1687	1 312	351	772	1,408	
3	230	10	50/60	296	1963	984	507	579	2,031	
4	230	10	50/60	298	2265	656	674	386	2,702	
5	230	8	50/60	182	1017	1 653	0	973	0,000	
6	230	8	50/60	201	1476	1 152	269	678	1,079	
7	230	8	50/60	202	1732	870	395	512	1,580	
8	230	8	50/60	203	1983	578	520	340	2,083	
9	230	6	50/60	105	842	1 364	0	803	0,000	
10	230	6	50/60	104	1177	918	171	540	0,685	
11	230	6	50/60	105	1380	688	246	405	0,986	
12	230	6	50/60	105	1572	458	326	270	1,306	
13	230	4	50/60	50	667	1 050	0	618	0,000	
14	230	4	50/60	51	912	702	99	413	0,398	
15	230	4	50/60	52	1060	527	144	310	0,579	
16	230	4	50/60	52	1202	350	190	206	0,762	

* 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