Author: G. REZOHIER Date of the revision 2026-10-27: Technical files creation

RANGE: **Double inlet centrifugal fans with electronic commutation motor**

Fan type	FC	Test	CB23Kd	Customer	
		Winding	36G	Reference	
Drawing of the product	BIS_B23-L3-1_I=0.pdf			Designation	**GDSG9 133x126L**

ELECTRICAL DATA

Voltage (V)	230
Frequency (Hz)	50/60
Current (A)	0.48
Maximum current (A)	0.48
Power (W)	58
Maximum power (W)	59
Speed rotation (RPM)	1925
Cos Φ	0.525
Temperature min/max (°C)	-20/+50
Comments	Free airflow

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

1
24.0 Ohm

Dielectric strength 2044 VDC **60 seconds** **Direction of rotation** CCW

MARKING & STANDARDS

Conformity

- **CE** RT91927CE EN 60335-1, IEC 60335-1, EN 60331-2-80, IEC 60335-2-80



ROSENBERG VENDOME SAS
13 rue Marc Seguin | ZI SUD | F-41100 | VENDOME Tel. +33 (0)2 54 23 14 54 Fax +33 (0)2 54 72 22 72

RC BLOIS B 308 172 147 000 32
www.ecofit.com | info@ecofit.com

Author: G. REZOHIER Date of the revision 2026-10-27: Technical files creation

TECHNICAL DATA

Description

- Weight: 3.00 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 608ZZ
- Balance level: G2.5

Special features

- Configuration: D167
- Input resistance 0-10V : 100KΩ
- Equipotential line between scroll & motor : Grounding the volute.

Limiting conditions of operation

- ESD : Take care on Low voltage cable

ADDITIONAL DATA

Documentations

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

Measurement setup

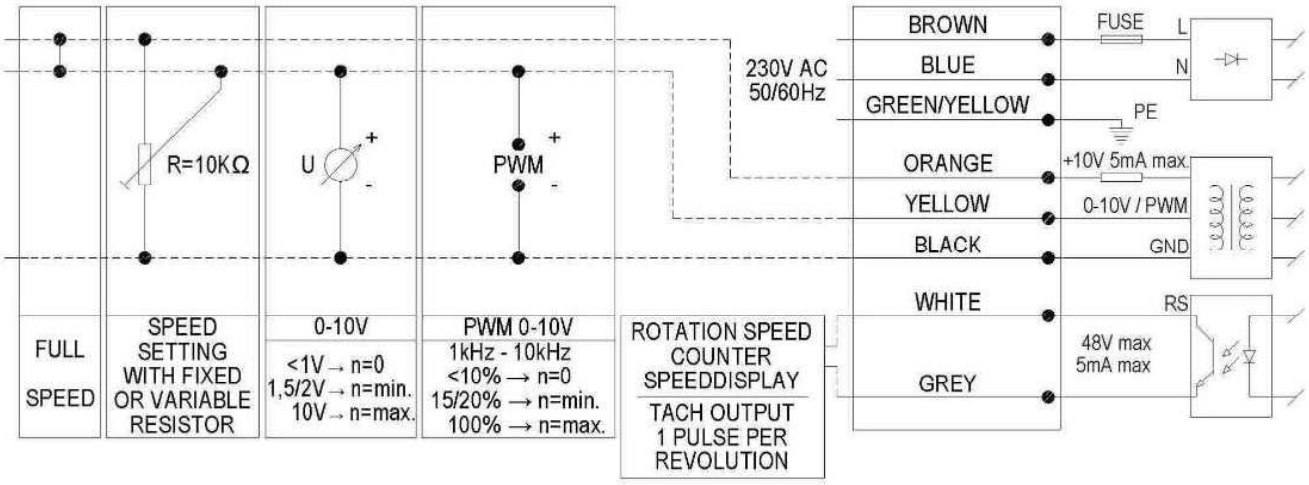
- Scroll 15547 Vol VRD155

ROSENBERG VENDOME SAS
13 rue Marc Seguin | ZI SUD | F-41100 | VENDOME Tel. +33 (0)2 54 23 14 54 Fax +33 (0)2 54 72 22 72
RC BLOIS B 308 172 147 000 32
www.ecofit.com | info@ecofit.com

Author: G. REZOHIER Date of the revision 2026-10-27: Technical files creation

CONNECTORS

Wiring diagram



ERP DATA

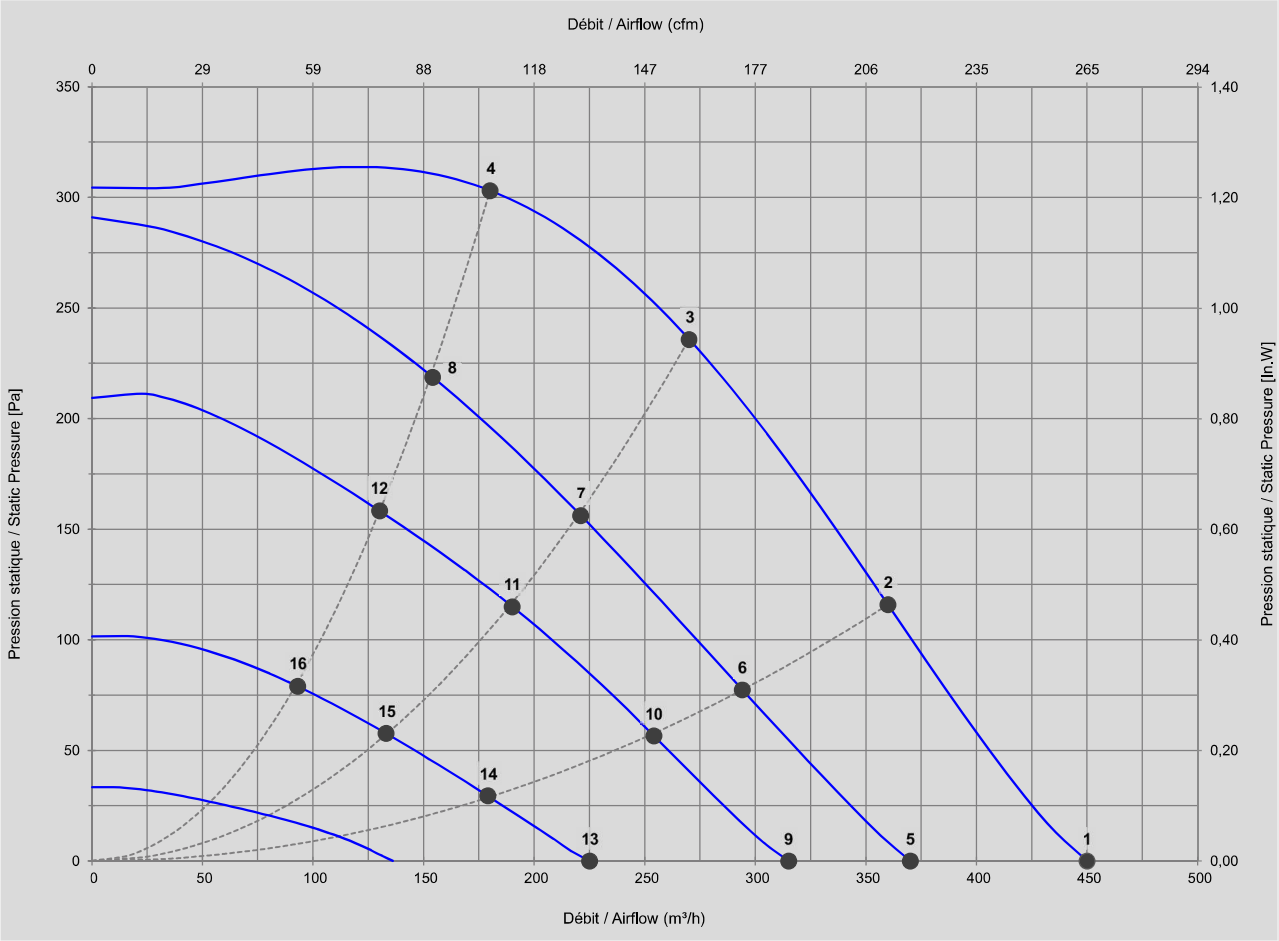
ErP Directive ErP (EU 2009/125/EC2015) not applicable:

- Power at optimum energy efficiency point <125W

ROSENBERG VENDOME SAS
13 rue Marc Seguin | ZI SUD | F-41100 | VENDOME Tel. +33 (0)2 54 23 14 54 Fax +33 (0)2 54 72 22 72
RC BLOIS B 308 172 147 000 32
www.ecofit.com | info@ecofit.com

Author: G. REZOHIER Date of the revision 2026-10-27: Technical files creation

TECHNICAL DATA

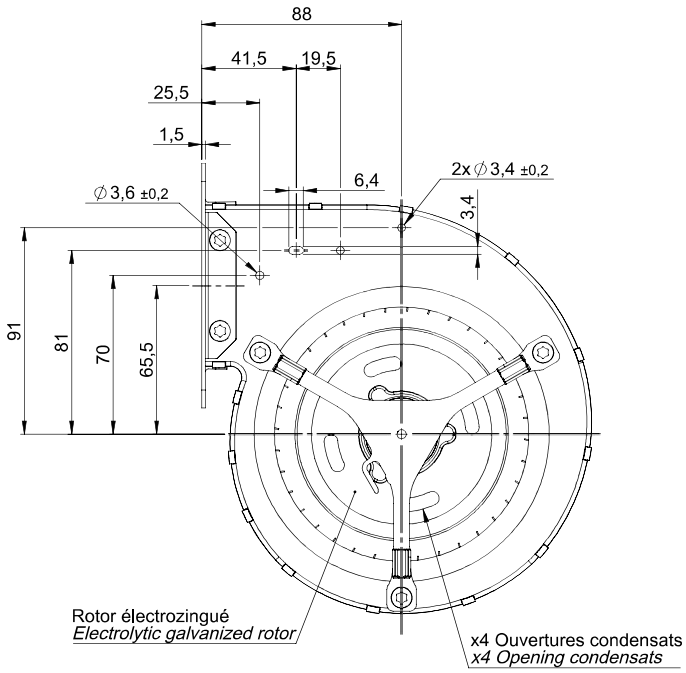


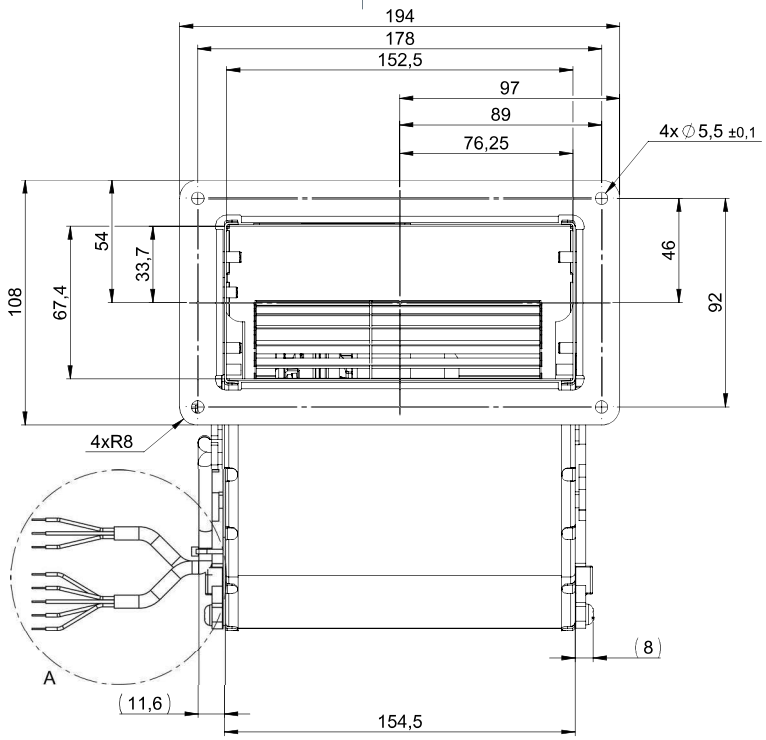
Mesures / Measured Values*

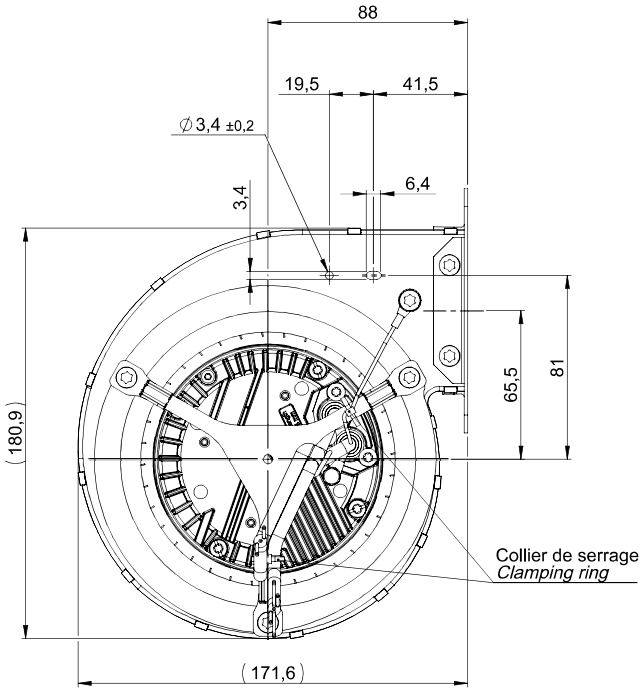
	Un (V)	Vctl (V)	F (Hz)	P (W)	n (RPM)	Q (m³/h)	P (Pa)	Q (cfm)	P (In.W)	Lp_{in} (dBA)
1	230	10	50/60	59	1925	450	0	265	0,000	63
2	230	10	50/60	58	2110	360	116	212	0,464	63
3	230	10	50/60	60	2432	270	236	159	0,945	63
4	230	10	50/60	54	2709	180	303	106	1,214	66
5	230	8	50/60	33	1590	370	0	218	0,000	58
6	230	8	50/60	34	1755	294	77	173	0,310	58
7	230	8	50/60	34	2001	221	156	130	0,626	60
8	230	8	50/60	34	2274	154	219	91	0,876	61
9	230	6	50/60	22	1375	315	0	185	0,000	54
10	230	6	50/60	22	1504	254	57	150	0,227	54
11	230	6	50/60	22	1722	190	115	112	0,461	55
12	230	6	50/60	22	1950	130	158	77	0,634	59
13	230	4	50/60	10	1000	225	0	132	0,000	46
14	230	4	50/60	10	1089	179	29	105	0,118	46
15	230	4	50/60	10	1229	133	58	78	0,231	46
16	230	4	50/60	10	1385	93	79	55	0,316	48

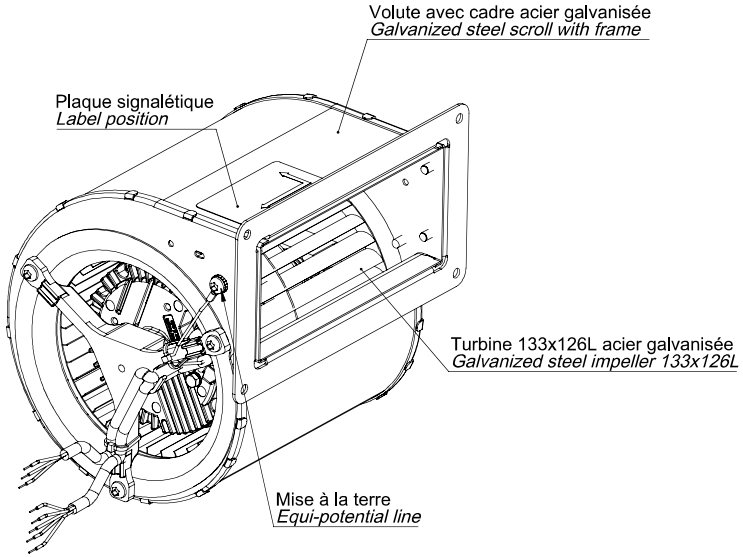
*ρ = 1,2 kg/m3
Air performance measured according to: ISO 5801, installation category A.
Intake-side sound level: according to ISO 3744, LpA measured at 1 m distance from fan axis. The values given are only applicable under the specified measuring conditions and may differ depending on the installation conditions.

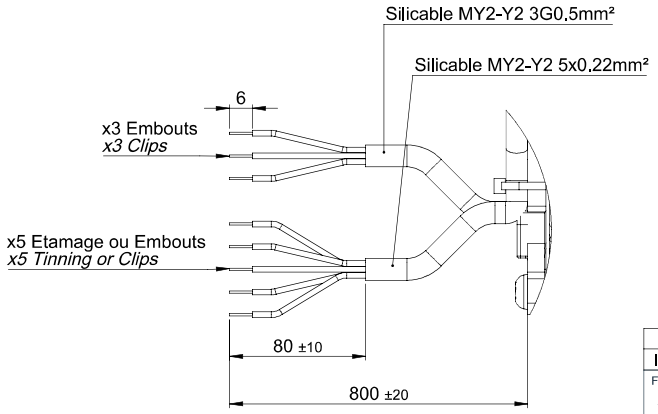
ROSENBERG VENDOME SAS
13 rue Marc Seguin | ZI SUD | F-41100 | VENDOME Tel. +33 (0)2 54 23 14 54 Fax +33 (0)2 54 72 22 72
RC BLOIS B 308 172 147 000 32
www.ecofit.com | info@ecofit.com











DÉTAIL A
ECHELLE 1 : 1

0	25/06/2026	Création	TBT
INDICE	DATE	LIBÉLLÉ	AUTEUR

Format A2	Folio 1/1	Drawing by: TBT	Checked by: SLT	ISO	Datasheet EV.EC.025
Scl. 3:5		03/07/2026	General tolerances: ±2mm		This drawing can be modified only with CAD system

DOUBLE INLET CENTRIFUGAL FAN
MOTO VENTILATEUR
GDSG9 133x126L

SolidWorks 2021

This Document is the property of ECOFIT and all reproduction, even partial in any form whatsoever is strictly forbidden without written authorization

rosenberg
THE A R MOVEMENT GROUP
VENDÔME

N° B23-L3-1

Revision: 0

C:\epdm\ecofit\produits\05-produits finis\