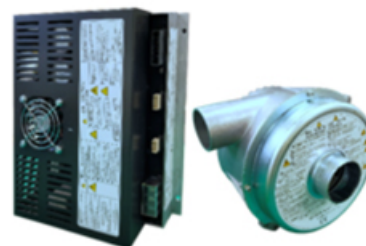


**60DCF-485**

2023/06/02

**Standard Specifications**

Operating Temp. : 0deg.C - +50deg.C (no condensation)

Storage Temp. : -20deg.C - +65deg.C

Insulation Class : Class B

Insulation Resistance : 10 M Ohm min. at 500 VDC

Dielectric Strength

: Blower : 1500 VAC for 1 min.

: Driver : 1500 VAC for 1 min.

Operation Guarantee

: Overcurrent protection

: Locked rotor protection

: Abnormal temperature rise protection

Safety Standard :

Blower : IEC/EN/UL62368-1, UL507, CSA-C22.2 No. 113-18

Driver : IEC/EN/UL62368-1, UL61800-5-1, CSA-C22.2 No. 274-17

※For TUV certification, please check the TÜV Rheinland certificate database or contact us.

**Performances**

Set model	60DCF-485
Blower model	122-60-731
Driver model	MDS-01AL001-04, MDS-01AL001-05 (No rotation pulse output)
Input [W]	1200
Rated voltage [AC V]	200
Voltage range lower limit	180

# 60DCF-485

2023/06/02

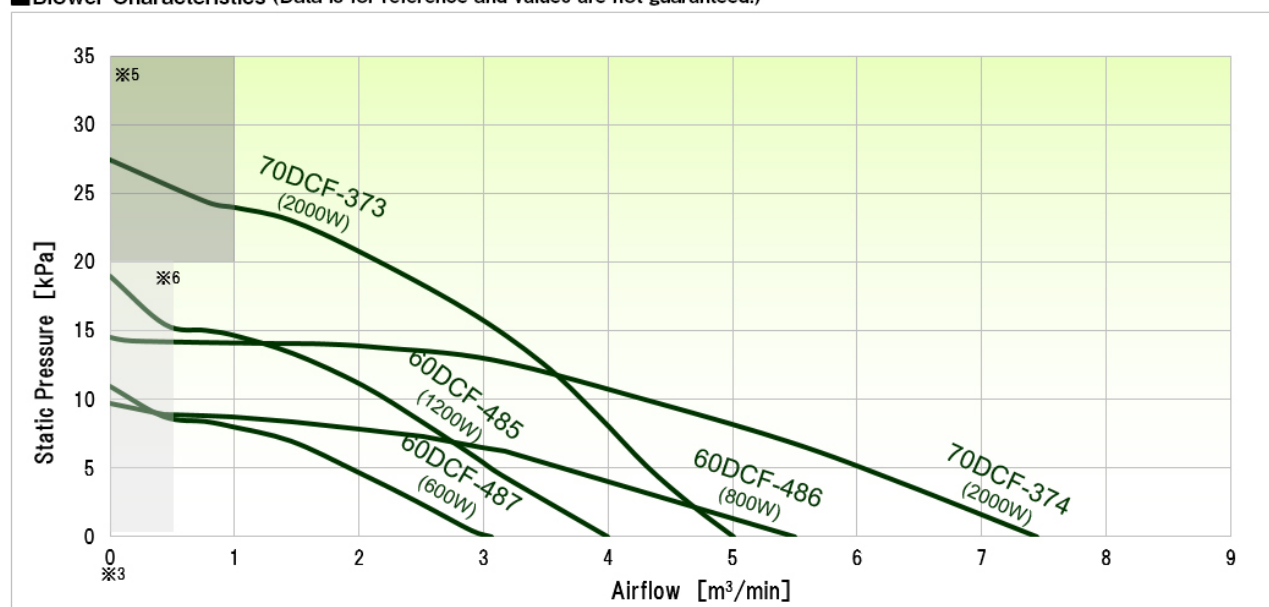
Rated voltage [AC V]	200
Voltage range upper limit [AC V]	264
Current(Reference values) [AC A]	6
Rotation speed(Reference values) [min-1]	18500
Maximum airflow [m3/min]	4.0
Maximum static pressure [kPa]	19.0
Maximum weight(Blower) [kg]	3.0
Maximum weight(Driver) [kg]	3.5

\*Blower & Driver : Only set-sales

\*Prohibition of fully-closed use.

## Blower Characteristic

■ Blower Characteristics (Data is for reference and values are not guaranteed.)



※3 Prohibition of fully-closed use. ※5 Prohibited area: 20kPa or more, 1m³/min or less. (70DCF-373) ※6 Prohibited area: 0.5m³/min or less. (70DCF-374)

\*Data is for reference and values are not guaranteed.

## 60DCF-485

2023/06/02

Data for reference and values are not guaranteed.

### Features

This model was developed to meet the requirements of many of our customers.

It is a compact DC brushless blower that maintains highly efficient airflow static pressure characteristics.

We have developed a compact, high-power (high-rotation speed), high-efficiency model which can not be realized by AC blowers (see technical information for details).

The special driver includes features to reduce high-harmonic current that meets IEC61000\_3\_2 specifications.

It also complies with RoHS directives for environmental consideration.

Driver also has an error output only model (MDS-01AL001-05) without rotation pulse output.

### Applications

Collation Machine, Printing Machine, Conveyer / Packaging Machine, Suction Machine, Dust Catcher, Semiconductor Equipment, Plant Air, Food Packing Machine

### Associated Data

[Speed Control P-Q](#)

[Output Signal Connection \(Reference\)](#)

[Example for blower setup](#)

[Discharge Air](#)

[Noise Reference Level](#)

### Related Products

[Extension cables for 60DCF Series \(optional accessory\)](#)

[Prefilter for 60DCF Series \(optional accessory\)](#)

## Latest News

2022.10.20

cTUVus certification (UL standard compliant) of High-pressure blower  
60DCF&70DCF

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[All News](#)