

## 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, UL508C , CSA-C22.2 No. 14-18

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

## Overview

The 70DCF picks up where the popular 60DCF leaves off to deliver enhanced performance while saving energy.

Employing a brushless DC motor, the 70DCF is designed to be used in combination with a special Minebea driver. It's a compact, high-power blower that provides maximum energy efficiency and controllability.

Originally designed for feeding paper (exhaustion) into a printing machine and sucking in it (suction), the 70DCF can be used in a wide range of industrial machines just like its predecessor models.

# 70DCF-373

2023/06/02

## Performances

Set model	70DCF-373
Blower model	122-70-709
Driver model	MDS-01AL003-02
Input [W]	2000
Rated voltage [AC V]	200
Voltage range lower limit [AC V]	180
Voltage range upper limit [AC V]	264
Current(Reference values) [AC A]	10
Rotation speed(Reference values) [min-1]	18000
Maximum airflow [m3/min]	5.0
Maximum static pressure [kPa]	28.0
Maximum weight(Blower) [kg]	9.0
Maximum weight(Driver) [kg]	4.0

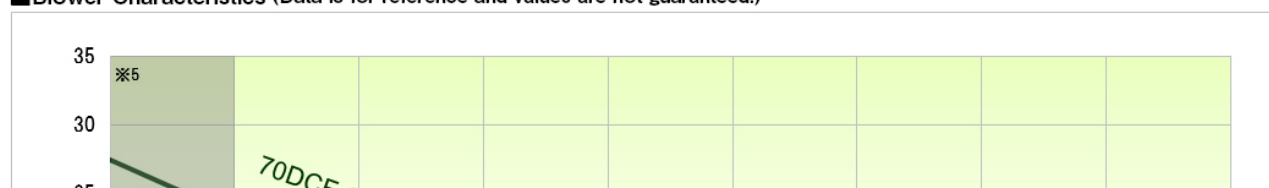
\*Choose the cable length. Cable code: 241-70-705-01/02/03 (1m/3m/5m)

\*Blower & Driver : Only set-sales

\*Prohibited area: 20kPa or more, 1m3 / min or less

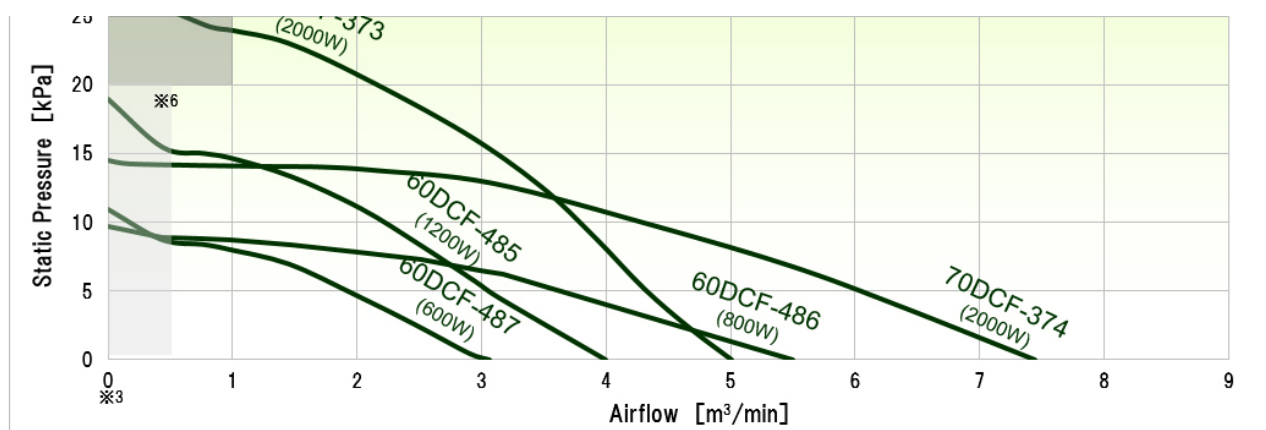
## Blower Characteristic

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



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

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

## Applications

Printing Machine, Washer, Precipitator, Packaging Machine, Food Machine, Semiconductor Equipment, Automatic instrument, Laboratory Equipment, Plant Air

## Associated Data

[Speed Control P-Q](#)

[Connection Example Input Circuit](#)

[Noise Reference Level](#)

[LED Display Details](#)

[Discharge Air](#)

## Related Products

[Prefilter for 70DCF 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](#)