

The new DiaForce 40 – compact, efficient and quiet

Perfect cooling for the highest requirements: DiaForce 40



Ready for the *DiaForce 40*?

Our diagonal compact fan in the new size of 40 x 40 x 56 is the perfect addition to the 80 and 120 models. With its outstanding efficiency and low noise generation, it sets new standards and is the ideal solution for demanding applications in industrial electronics, data centers and telecommunication.

DiaForce 40 ensures optimal cooling and operational reliability in the following applications:

- Routers, switches
- Network technology and telecommunication
- Uninterruptible power supply (UPS)
- Industrial automation and control systems
- Robotics

The benefits – in a nutshell:

DiaForce 40's innovative aerodynamic design ensures a higher degree of efficiency compared with counter-rotating fans of the same size.

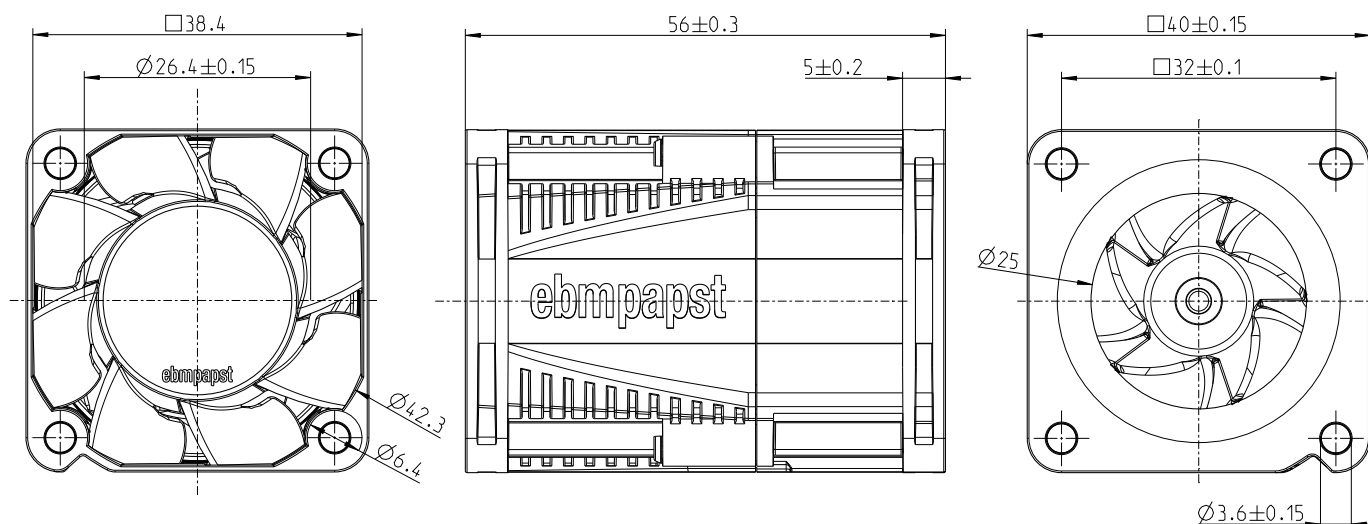
Its tonal noise, whose frequencies are considered to be particularly irritating to the human ear, is much lower in direct comparison.

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engineering a better life

DiaForce 40

Smaller, more powerful, DiaForce



Technology:

- + Innovative aerodynamic concept
- + Powerful yet efficient and quiet compared with conventional two-stage solutions
- + PWM input for continuous speed control
- + Speed signal
- + Go/No go alarm (optional)
- + IP20 degree of protection

Materials:

- + Flange: Plastic
- + Fan impeller: Plastic
- + Inlet nozzle: Plastic

Weight:

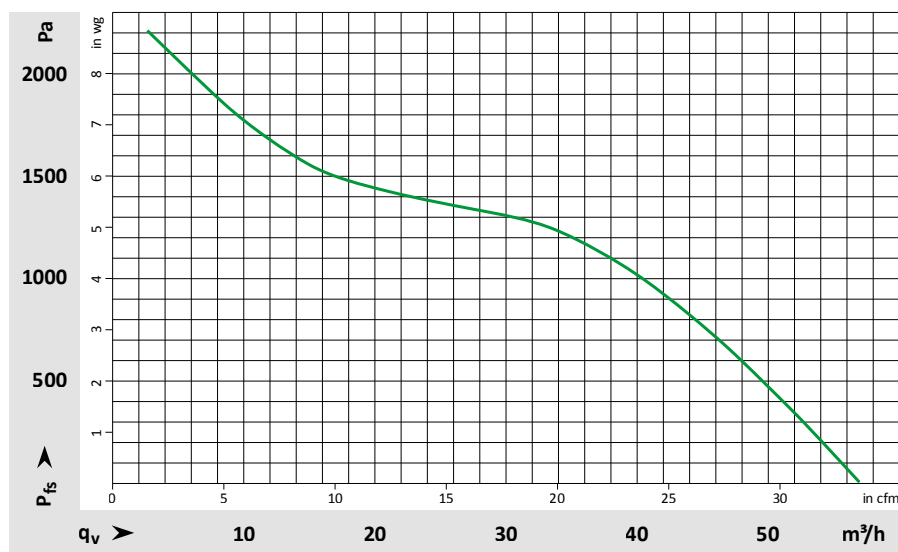
- + 74 g

Certification provided for:

- + DIN EN 62368
- + UL507
- + CSA22.2 No. 113
- + CE
- + UKCA
- + CCC

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The technical data provided may differ from the final series product.

Nominal data

Type	Part number	Nominal voltage VDC	Nominal voltage range VDC	Speed min ⁻¹	Nominal airflow m³/h	Nominal airflow cfm	Temperature range °C
VKCH040DHDGS	8300101208	12	8–13.8	40,000	56	33	–20 to 70
VKCH040DJDGS	8300101207	24	18–28	40,000	56	33	–20 to 70
VKCH040DKDGS	8300101206	48	36–56	40,000	56	33	–20 to 70

The technical data provided is based on sample measurements and may differ from the final series product.