

Super Silent Blowers

E0525H/K



□ 48 × 25 (□ 1.9" × 1.0")
Max. airflow: 0.22 m³/min
Max. static pressure: 220 Pa
Mass: 50 g

Features

- The smaller 48 mm square blower gives as much airflow output as a larger 70 mm square blower while maintaining the same low noise level.
- Both clockwise and counterclockwise discharge (mirror-image) versions are available.

Fan model code

- E0525H12B7AP-00
- E0525H12B7AS-00
- E0525H12B7AZ-00
- E0525H24B7AZ-00
- E0525K12B7AP-00
- E0525K12B7AS-00
- E0525K12B7AZ-00
- E0525K24B7AZ-00

Standard specification

Max. Airflow m ³ /min	Max. Static Pressure CFM	Max. Static Pressure		Noise dB	Speed min ⁻¹	Voltage Spec. V		Current mA		Model Code	Operating Temp. Range °C
		Pa	inH ₂ O			Rating	Operating Range	Rating	Starting		
0.22	7.8	220	0.88	42.5	6700	12	4.5-13.8	230	530	E0525H12B7AZ-00	-20 ~ +70
										E0525K12B7AZ-00	
						24	9.6-27.6	110	280	E0525H24B7AZ-00	
										E0525K24B7AZ-00	

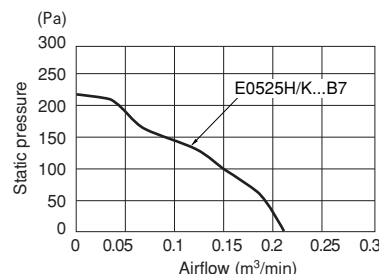
- Figures in the table are average measured values. Please request the product delivery specification when preparing a purchase specification.
- The characteristics are the values at rated voltage (12 V or 24 V), and normal temperature and humidity.

General specification

Materials Used	Venturi: ABS and PBT synthetic resins Impeller: ABS and PBT synthetic resins Bearing: Both side shielded ball bearing
Motor	Brushless DC motor, Protection type: Current shut off by detecting lock state, automatically reset
Common Elec. Spec.	See pages G-11, G-12, G-13.

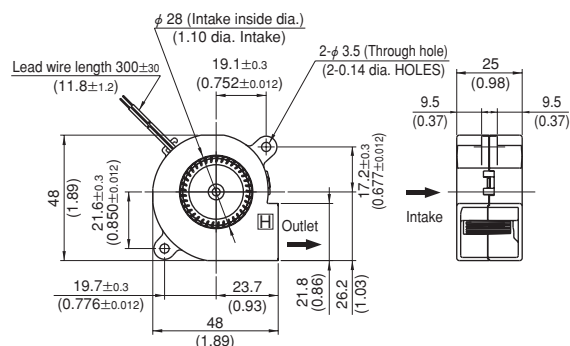
Standard airflow and static pressure characteristics (At rated voltage)

[By double chamber method]



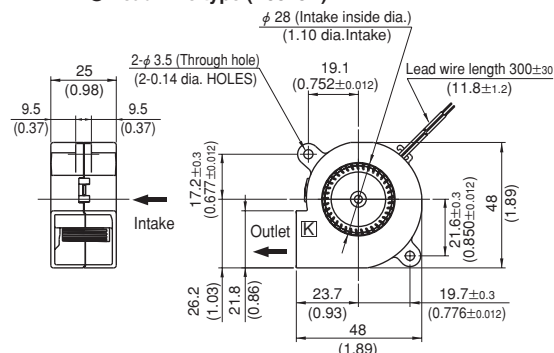
External dimensions in mm (inches)

● Lead wire type (E0525H)



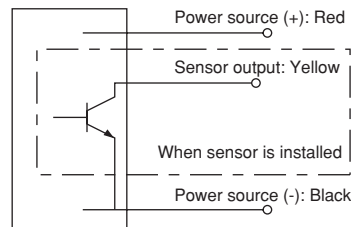
Lead wire spec. AWG26 UL3265
Color (+) Red
(-) Black

● Lead wire type (E0525K)



Lead wire spec. AWG26 UL3265
Color (+) Red
(-) Black

Wiring connection diagram



Super silent blower with sensor

Rated Vol.	Model Code
12 V	E0525H12B7AS-00
	E0525K12B7AS-00
	E0525H12B7AP-00
	E0525K12B7AP-00

- NIDEC SERVO can meet many of your requirements for customization, such as special connectors, other sensors not listed above and other modifications. Please contact NIDEC SERVO during your product planning and development stage.
- The listed products are registered in the following overseas standards files, UL:/cUL E48889, TUV: R50004410

