

DC Centrifugal
Blowers

E0515H



51 × 53 × 15

(2.0" × 2.1" × 0.6")

Max. airflow: 0.125 m³/min

Max. static pressure: 210 Pa

Mass: 30 g

Fan model code

E0515H12B3AZ-00

E0515H12B5AS-00

E0515H12B5AZ-00

E0515H12B7APA01

E0515H12B7ASA01

E0515H12B7AZA01

E0515H12B8APA01

E0515H12B8ASA01

E0515H12B8AZA01

E0515H24B5AP-01

E0515H24B5AS-01

E0515H24B5AZ-00

E0515H24B7APA01

E0515H24B7AZA01

E0515H24B8ASA01

E0515H24B8AZA01

Standard specification

Max. Airflow m ³ /min	Max. Static Pressure CFM	Max. Static Pressure Pa	Noise inH ₂ O	Noise dB	Speed min ⁻¹	Input		Voltage Spec. V		Current mA		Model Code	Operating Temp. Range °C
						W	Rating	Operating Range	Rating	Starting			
0.125	4.4	210	0.84	42	6100	2.3	12	6-13.8	190	320	E0515H12B8AZA01	-20 ~ +60	
						2.4	24	12-27.6	100	160			
0.11	3.9	165	0.66	40	5500	1.7	12	6-13.8	140	225	E0515H12B7AZA01	-20 ~ +80	
						1.9	24	12-27.6	80	130			
0.1	3.5	135	0.54	37	5000	1.4	12	9.6-13.8	120	190	E0515H12B5AZ-00	-20 ~ +60	
						1.4	24	16.8-27.6	60	110			
0.09	3.2	110	0.44	34	4500	1.1	12	9.6-13.8	90	150	E0515H12B3AZ-00		

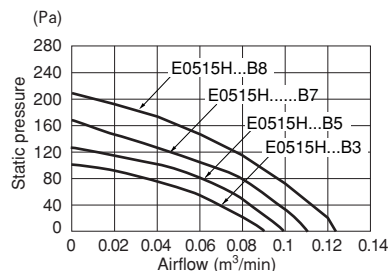
- Figures in the table are average measured values. Please request the product delivery specification when preparing a purchase specification.
- The characteristics are the values at rated voltage (12 V or 24 V), and normal temperature and humidity.
- The life expectancy of E0515H-8 speed products at rated voltage and in continuous operation is 20,000 hours at 60 °C. (30,000 hours for other products)

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.

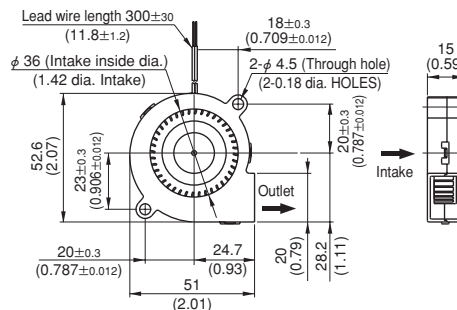
Standard airflow and static pressure characteristics (At rated voltage)

[By double chamber method]



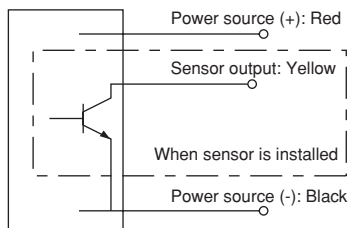
External dimensions in mm (inches)

● Lead wire type



Lead wire spec. UL1061 AWG26 or UL3265 AWG26
Color (+) Red
(-) Black

Wiring connection diagram



DC centrifugal blower with sensor

Rated Vol.	Model Code		
12 V	E0515H12B5AS-00	E0515H12B7ASA01	E0515H12B8ASA01
		E0515H12B7APA01	E0515H12B8APA01
24 V	E0515H24B5AS-00		E0515H24B8ASA01
	E0515H24B5AP-00	E0515H24B7APA01	

- 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: E48889, CSA: LR49399, TUV: R9451586
- 3D data is also available at our web2-CAD site (www.cadenas.co.jp).

