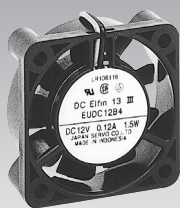


DC Axial Fan

EUDC



□40×13 (□1.6"×0.5")

Max. airflow: 0.23 m³/min
Max. static pressure: 79 Pa
Mass: 26 g

Fan model code

EUDC12B8

EUDC12B8S

EUDC12D8

EUDC12D8S

EUDC12Z8

EUDC12Z8P

EUDC24B8

EUDC24B8S

Standard specification

Max. Airflow		Max. Static Pressure		Noise	Speed	Input	Voltage Spec. V		Current mA		Model Code	Operating Temp. Range °C
m ³ /min	CFM	Pa	inH ₂ O	dB	min ⁻¹	W	Rating	Operating Range	Rating	Starting		
0.23	8.1	79	0.32	37	9000	1.5	12	7.2-13.8	130	270	EUDC12Z8	-20 ~ +70
0.18	6.4	59	0.24	30	7200	0.9	12	7.2-13.8	75	190	EUDC12B8	-20 ~ +80
						1.1	24	14.4-27.6	50	100	EUDC24B8	
0.12	4.2	30	0.12	26	5200	0.5	12	8.4-13.8	40	90	EUDC12D8	

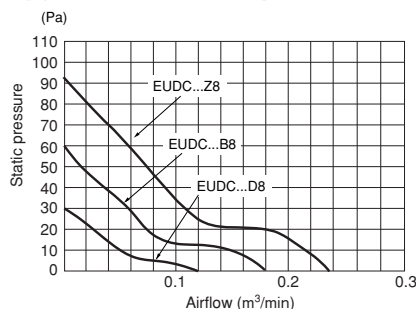
- Figures in the table are average measured values. Please request the product delivery specification when preparing a purchase specification.
- The characteristics are the values at rated voltage (12 V or 24 V), and normal temperature and humidity.
- The life expectancy of EUDC12Z8 at rated voltage and in continuous operation is 30,000 hours at 60 °C. (40,000 hours for other products at 60 °C)

General specification

Materials Used	Venturi: ABS and PBT synthetic resins Propeller: 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 Carton	400 to a carton of (450 x 380 x 300) mm, mass 12 kg

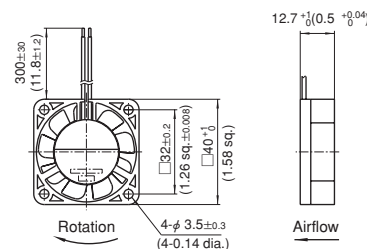
Standard airflow and static pressure characteristics (At rated voltage)

[By double chamber method]



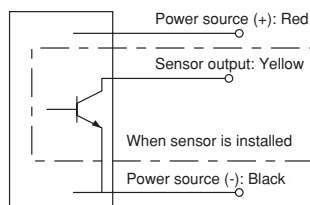
External dimensions in mm (inches)

● Lead wire type

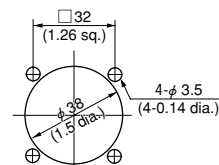


Lead wire spec. AWG24 UL1007 or UL3266
Color (+) Red
(-) Black

Wiring connection diagram



Mounting hole dimensions in mm (inches)
[Recommendation]



DC axial fan with sensor

Rated Voltage	Model Code		
12 V	EUDC12D8S	EUDC12B8S	EUDC12Z8P
24 V		EUDC24B8S	

- NIDEC SERVO can meet many of your requirements for customization, such as special connectors, other sensors not listed above, variable speed specifications, 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).

Fans & Blowers

Axial

DC fans

Centrifugal

Silent

AC fans

Centrifugal

Option

