GentleTyphoon

Centle phon D1225C (for low speed applications) Series [] 120 × 25 mm

Standard specification

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□120×25 (□4.7"×1.0")

Max. airflow: 1.65 m³/min Max. static pressure: 20 Pa Mass: 200g

Fan model code

D1225C12B4AZ-00	
D1225C12B5AZ-00	
D1225C12B6AZ-00	
D1225C24B4AZ-00	
D1225C24B5AZ-00	
D1225C24B6AZ-00	

Features

- Wide low-noise range (noise reduced in high density devices)
- 2-way vibration reduction (lowers resonant noise of entire device)
- Energy Efficient (wide reduction compared to previous model)
- Design to improve sound (for low speed applications)
- · Sensors Available (lock, pulse)
- · Variable speed available (PWM, voltage resistance)

Standard specification											
Max. Airflow Max. Static Pressure		Noise	Speed	Voltage Spec. V		Current mA		Madal Cada	Operating Temp.		
m³/min	CFM	Ра	inH ₂ O	dB	r/min	Rating	Operating Range	Rating	Starting	Model Code	Range °C
1.95	1.95 69 28 0.113 30	30* 2150	2150	12	5.0-13.2	123	530	D1225C12B6AZ-00			
		2100	24	12.0-26.4	100	230	D1225C24B6AZ-00	-10 ~ +60			
1.65 58 20 0.081 26	26*	26* 1850	12	5.0-13.2	83	360	D1225C12B5AZ-00				
			24	12.0-26.4	45	190	D1225C24B5AZ-00				
1.30 46	13 0.	13 0.051 19*	.051 19* 1450 -	1450 12	12	7.0-13.2	49	210	D1225C12B4AZ-00		
				24	12.0-26.4	29	100	D1225C24B4AZ-00			

*Noise values shown (at 1m) were converted as follows subtract 12dB from actual noise messurements taken at 25 cm (as shown in the noise graph below).

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.

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the only venturi shape available for these products is ribbed flange.

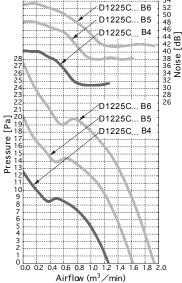
- Depending on quantities, Nidec Servo can meet many of your requirements for customization, such as special connectors, sensors, variable speed specifications and other modifications. Please contact Nidec Servo for more information.
- This fan is specially designed for long life. At rated voltage and in continuous operation the expected life is 4 speed model ;60.000 hours at 60°C, 5,6 speed model ;50.000 hours at 60°C, 6 speed model ;50.000 hours at 60°C.

General specification

Materials Used	Venturi: PBT-ABS synthetic resins Propeller: PBT-ABS 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	60 to a carton of (450 x 380 x 300) mm, mass 13 kg				

• Each of the eight flanged ribs has "nut insert" receptacles for the M4 nuts (not included) which allow for easy attachment.

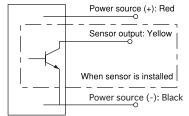
characteristics (At rated voltage)



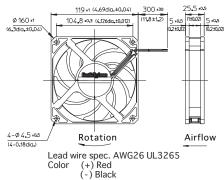
Standard airflow and static pressure

Nose values shown (at 1m) were converted as follows subtract 12dB from actual noise measurements taken at 25cm (as shown in the noise graphs below).

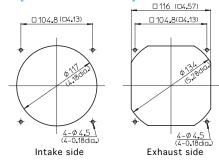
Wiring connection diagram



External dimensions in mm (inches) Lead wire type 119.1 (469dig.±0.04) 300.30 25.5 405



Mounting hole dimensions in mm (inches) [Recommendation]



Options (sold separately) • Guard: F120UL guard • Filter: F120 filter

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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/cUL: E48889, TUV: R50004410