



Dia.108x30.5mm/4.3inch , 86 ~ 45CFM

TDK10830

General specification



- Motor: Brushless DC, auto cutoff, auto restart, locking and polarity protected motor
- Motor Case: Glass fiber reinforced PBT thermoplastic, UL94V-0
- Impeller: Glass fiber reinforced PBT thermoplastic, UL94V-0 impeller
- Rotation: CCW looking at rotor, air inlet side of housing
- Bearing System: Double sealed high precision ball bearing
- Operating Temp: Ball bearings -20C ~ +55C
- L10 Life: Ball bearings 60,000 hours at 35C, 50,000 hours at 55C
- Dielectric Strength: 500 VAC/sec. Max leakage 500 micro amp
- Connection: Wire leads connecting AWG22, 350~380mm, stripped ends 3~5mm
- Net Weight: -
- *Nomenclature



Related Technical Information

-Optional Function Leads:

*Alarm, motor stop, cutoff sensor signals (L, run-Low, stop-High for alarm function, color yellow lead)

*Tach speed sensor output, open collector, 2 square waves per revolution, or TTL 4.4~5 VDC optional (T, white lead)

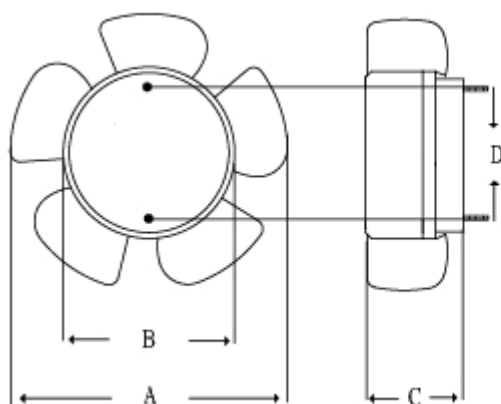
*Speed control:

1.H, NTC thermistor thermal control 1800~3400RPM/4.7~10K ohm vs 45~20C(H,orange lead)

2.P, Pulse Width Modulation, microprocessor programmable CPU speed control,10~100%, full stop & 10 speed stages; 800~3800RPM (P, purple lead)

3.V, Control voltage speed setting, Analog 0~10V vs speed RPM speed control via separate DC low voltage interface (V, gray lead)

Fan Performance Curve and Dimension



Mounting Screw x2
M3.5 x 0.6P
L: 11.5 +- 1mm

*Screw Length can be changed to meet customer requirement.

Dimensions: AxBxCxD: Dia.
108x30.5mm/4.3inch

* TEI reserves the right to change data and specs without notice* Tests are at nominal voltage against zero static pressure* Specification subject to change without notice, data tolerance +-10%

TEI, Inc., 3540 W. Sahara Ave., Las Vegas, NV, 89102

Tel: 702-220-7400; Fax: 775-628-8932; Email: sales@teifans.com