



Dia.85x31mm/3.5inch , 35~21CFM

TAK8545

General specification



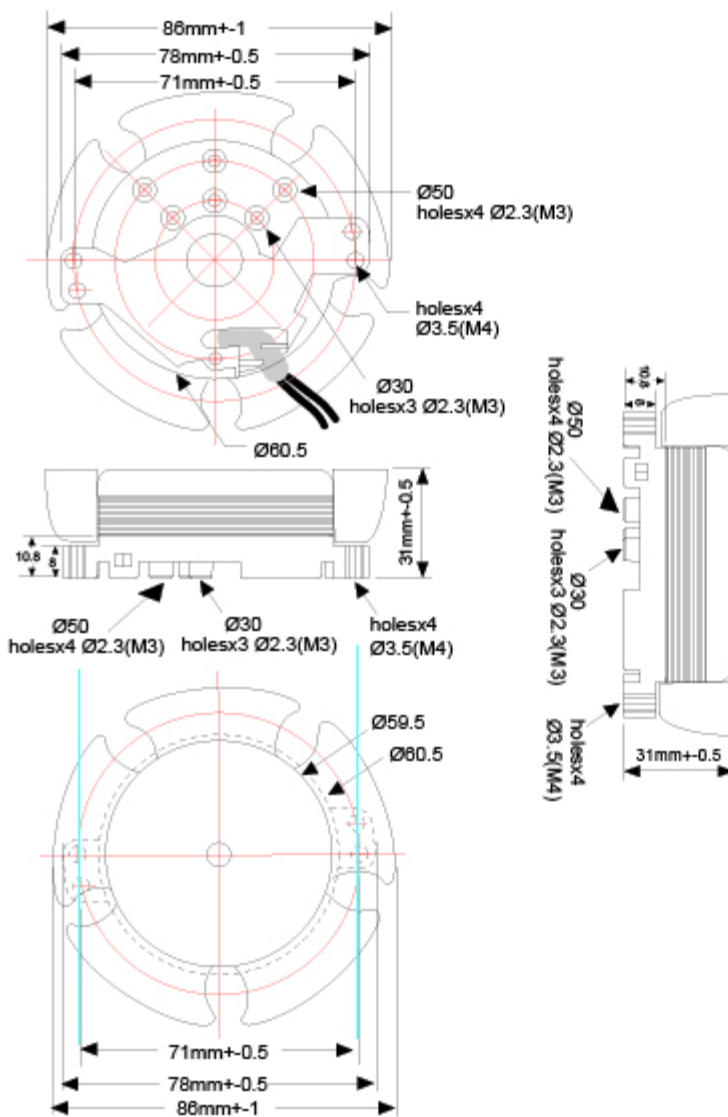
- Motor: Shaded pole, inner rotor, single phase impedance protected motor
- Motor Case: Aluminum diecasting , 7 mounting holes dia.2.3mm or tapped M3
- Impeller: Glass fiber reinforced PBT thermoplastic impeller, UL94V-0
- Rotation: CCW looking at rotor, air inlet side of housing
- Bearing System: Two precision double sealed ball bearings
- Operating Temp: Ball bearing ambient -20C~70C
- L10 Life: MTBF Formula L10 indoor life test 150K hours at 35C, 45K hours at 60C
- Dielectric Strength: Over 1 min.at 1,500 VAC, 50/60 Hz
- Connection: Wire leads connecting AWG22, 300~400mm, stripped ends 3~5mm
- Net Weight: 230Gm (0.53 Lb)



Model	Rated Voltage	Voltage Range	Freq.	Input Power	Rated Current	Referenced Speed	Max Airflow	Max Pressure	Noise
	VAC	VAC	Hz	W	A	RPM	CFM	Inch/H2O	dB
TAK8545-H-110	115	80~120	50/60	15/13	0.18/0.15	2500/3000	30/35	0.16/0.20	30
TAK8545-M-110	115	80~120	50/60	12/10	0.079/0.072	2100/2300	25/27	0.13/0.14	22
TAK8545-L-110	115	80~120	50/60	8/6	0.06/0.05	1800/1900	21/22	0.09/0.10	19
TAK8545-H-220	230	150~240	50/60	15/13	0.077/0.067	2500/3000	30/35	0.16/0.20	30
TAK8545-M-220	230	150~240	50/60	12/10	0.039/0.035	2100/2300	25/27	0.13/0.14	22
TAK8545-L-220	230	150~240	50/60	8/6	0.034/0.031	1800/1900	21/22	0.09/0.10	19

Fan Performance Curve and Dimension

Dia.85x31mm/3.5inch



* 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%