

**40x40x10 mm/1.6x0.4 inch, 5~2.5 CFM**

**TD4010 General specification**



- Motor: Brushless DC, impedance protected, auto cutoff auto restart optional only
- Motor Protection:
- Frame: Glass fiber reinforced PBT thermoplastic, UL94V-0
- Impeller: Glass fiber reinforced PBT thermoplastic, UL94V-0 impeller
- Bearing: Double sealed high precision ball bearing
- Rotation: CCW looking at rotor, air inlet side of housing, air outlet from struts
- Operating Temp: Ball bearings -20C~+65C
- Storage Temp:
- Life Expectancy: Ball bearings 60,000 hours at 45C, 50,000 hours at 60C
- Dielectric Strength: 500 VAC/sec. Max leakage 500 micro amp
- Connection: Wire or Terminal
- Weight: 20 g (0.044 Lbs)

Model	Rated Voltage	Voltage Range	Input Power	Rated Current	Ref. Speed	Max Airflow	Max Pressure			Noise
	VDC	VDC	W	A	RPM	CFM	M3/Min	Inch/H2O	mm	dB
TD4010-H-5	5	4~7	0.5	0.1	7000	5.0	0.14	0.16	4.06	27
TD4010-M-5	5	4~7	0.36	0.07	4500	3.8	0.11	0.12	3.05	23
TD4010-L-5	5	4~7	0.3	0.06	4000	2.5	0.06	0.079	2.01	20
TD4010-H-12	12	8~13.8	0.72	0.07	7000	5.0	0.14	0.16	4.06	27
TD4010-M-12	12	8~13.8	0.6	0.05	5000	3.8	0.11	0.12	3.05	24
TD4010-L-12	12	9~14	0.5	0.04	4000	2.5	0.06	0.079	2.01	20
TD4010-H-24	24	12~27.6	1.44	0.06	7400	5.0	0.14	0.16	4.06	28
TD4010-M-24	24	12~28	1.2	0.05	5500	3.8	0.11	0.12	3.05	25
TD4010-L-24	24	12~28	0.72	0.03	4000	2.5	0.06	0.079	2.01	20

**Related Product Information**

Please see our related items below for suggested products to use with this item:

- Metal Fan Guard: TWG-40
- Plastic Fan Guard: TPG-40
- Plastic Fan Filter: TFK-40-30, TFK-40-45

**Related Technical Information**

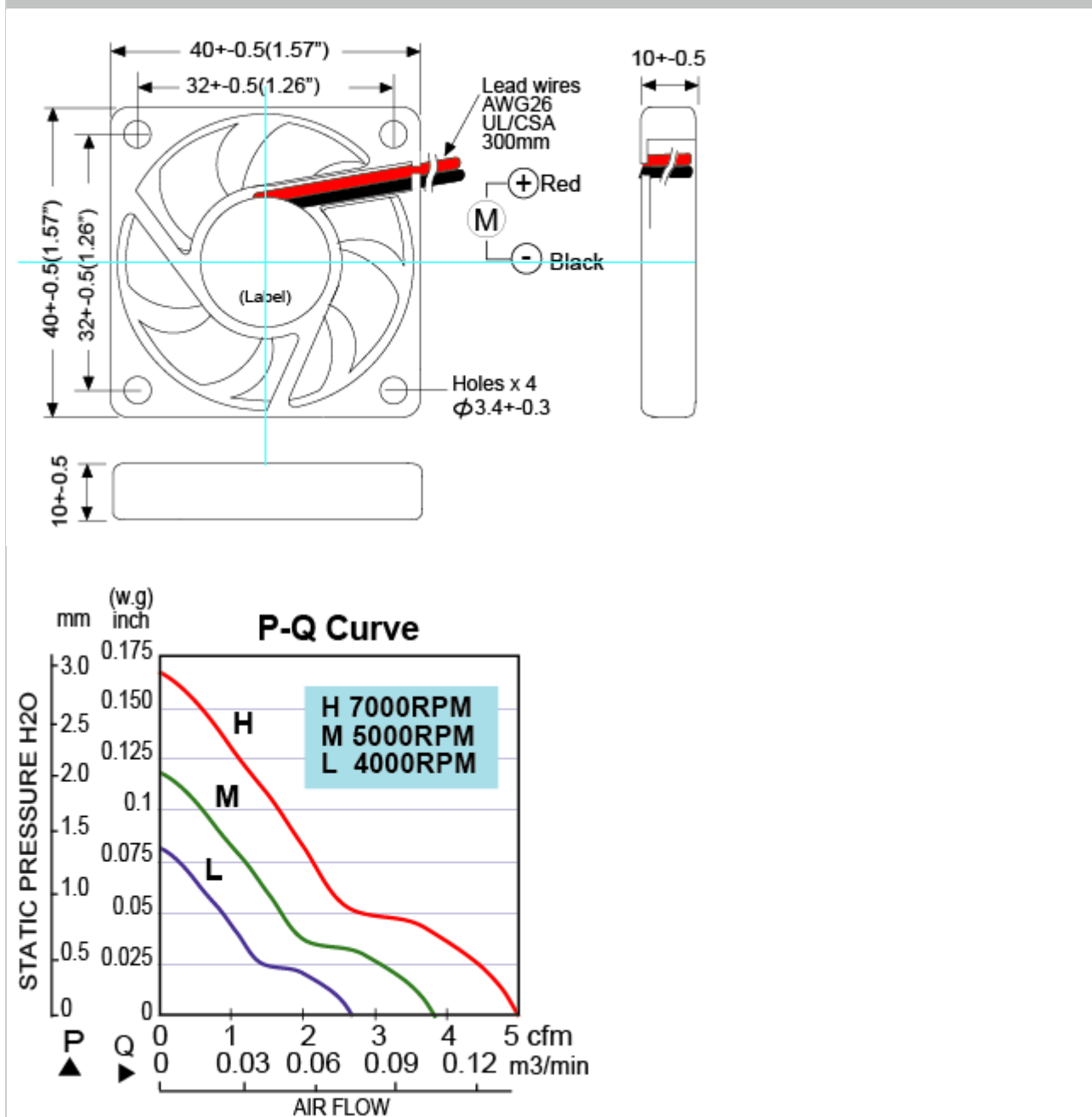
-Optional Function Leads:

- \*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:

- H, NTC thermistor thermal control 1800~3400RPM/4.7~10K ohm vs 45~20C(S/C,orange lead)
- P, Pulse Width Modulation, microprocessor programmable CPU speed control, 10~100%, full stop & 10 speed stages; 800~3800RPM (P, purple lead)
- V, Control voltage speed setting, Analog 0~10V vs speed RPM speed control via separate DC low voltage interface (V, gray lead)

**Fan Performance Curves and Dimension**



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