

92x92x25 mm/3.6x1 inch, 66~25 CFM

TD9225

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
- Operating Temp: Ball bearings -20C~+65C
- Storage Temp:
- Life Expectancy: Ball bearings 70,000 hours at 40C, 60,000 hours at 65C
- Dielectric Strength: 500 VAC/sec. Max leakage 500 micro amp
- Connection: Wire or Terminal
- Weight: 95 g (0.21 Lbs)

Model	Rated Voltage VDC	Voltage Range VDC	Input Power W	Rated Current A	Ref. Speed RPM	Max Airflow CFM	M3/Min	Max Pressure Inch/H2O	mm	Noise dB
TD9225-HH-5	5	4~6	1.5	0.32	3300	60	1.70	0.25	6.35	38
TD9225-H-5	5	4~7	1.5	0.32	2400	35	0.99	0.22	5.59	33
TD9225-M-5	5	4~7	1.3	0.25	2100	32	0.91	0.15	3.81	27
TD9225-L-5	5	4~7	0.9	0.18	1600	25	0.71	0.12	3.05	23
TD9225-HH-12	12	7~13.6	3.0	0.29	3300	60	1.70	0.25	6.35	38
TD9225-H-12	12	7~13.6	3.0	0.29	2900	50	1.42	0.24	6.10	35
TD9225-M-12	12	7~13.6	2.1	0.20	2500	35	0.99	0.18	4.57	30
TD9225-L-12	12	7~13.6	1.4	0.12	1800	25	0.71	0.12	3.05	23
TD9225-HH-24	24	12~27	3.5	0.18	3600	66	1.87	0.27	6.86	43
TD9225-H-24	24	12~27	3.5	0.18	2900	50	1.42	0.24	6.10	33
TD9225-M-24	24	12~27	2.8	0.12	2500	35	0.99	0.18	4.57	30
TD9225-L-24	24	12~27	2.4	0.10	1800	25	0.71	0.12	3.05	23
TD9225-HH-48	48	28~55	4.3	0.09	3600	66	1.87	0.27	6.86	43
TD9225-H-48	48	28~55	4.3	0.09	2900	50	1.42	0.25	6.35	32
TD9225-M-48	48	32~56	2.4	0.05	2500	35	0.99	0.18	4.57	30
TD9225-L-48	48	32~56	1.9	0.04	2100	32	0.91	0.15	3.81	27

Related Product Information

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

- Metal Fan Guard: TWG-92
- Plastic Fan Guard: TPG-92
- Plastic Fan Filter: TFK-92-30, TFK-92-45
- Metal Fan Screen: TMG-92

Related Technical Information

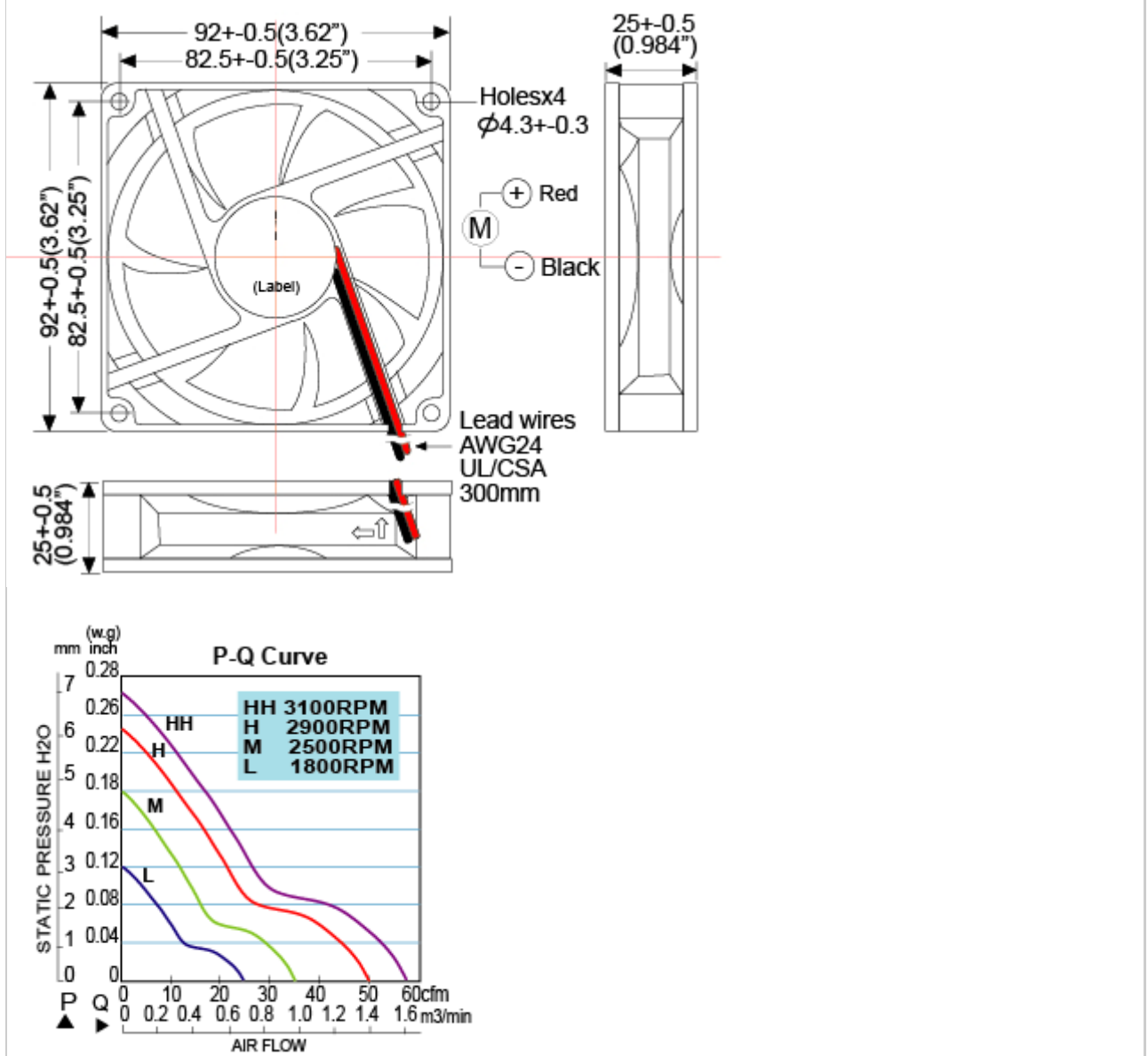
-Optional Function Leads:

- *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(H, 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 (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%