



Dia.200x70mm/7.9x2.8 inch , 590~280CFM

TD20070 General specification



- Motor: Programmable microprocessor brushless DC, locked rotor/polarity protected
- Motor Protection:
- Frame: Aluminum die cast, black .Optional: Natural color treatment
- Impeller: Glass fiber reinforced thermoplastic impeller, rated UL94V-0
- Bearing: Double sealed, permanently lubricated high precision ball bearings
- Rotation: CCW looking at rotor, air inlet side of housing, air outlet from struts
- Operating Temp: Ball bearings -20C~ +75C
- Storage Temp:
- Life Expectancy: Ball bearings 50,000 hours at 45C, 40,000 hours at 65C
- Dielectric Strength: 500 VAC/sec. Max leakage 500 micro amp
- Connection: Power connection Wire leads (W) or Terminal flat pin connecting (T)
- Weight: 1,800 g (3.97 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
TD20070-HHH-12	12	9~13.6	64.8	5.4	3300	520	14.72	1.32	33.53	65
TD20070-HH-12	12	9~13.6	50.4	4.2	3100	480	13.59	1.28	32.51	60
TD20070-H-12	12	9~13.6	23	1.9	2800	450	12.74	1.2	30.48	57
TD20070-M-12	12	9~13.6	13.2	1.1	2500	400	11.33	1.1	27.94	53
TD20070-L-12	12	9~14	5.5	0.45	1800	280	7.93	0.7	17.78	39
TD20070-HHH-24	24	16~27.6	63.6	2.65	3900	590	16.71	1.62	41.15	69
TD20070-HH-24	24	16~27.6	50.4	2.1	3600	550	15.57	1.5	38.10	63
TD20070-H-24	24	16~27.6	24	0.97	3300	520	14.72	1.4	35.56	58
TD20070-M-24	24	16~27.6	13	0.52	2500	400	11.33	1.1	27.94	53
TD20070-L-24	24	16~28	5	0.2	1800	280	7.93	0.7	17.78	39
TD20070-HHH-48	48	30~53	62.4	1.3	3900	590	16.71	1.62	41.15	69
TD20070-HH-48	48	30~53	49.4	1.03	3600	550	15.57	1.5	38.10	63
TD20070-H-48	48	30~56	23.5	0.48	3300	520	14.72	1.4	35.56	58
TD20070-M-48	48	30~56	14.5	0.30	2500	400	11.33	1.1	27.94	53
TD20070-L-48	48	32~63	5.8	0.12	1800	280	7.93	0.7	17.78	39

Related Product Information

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

- Metal Fan Guard: TWG-200

Related Technical Information

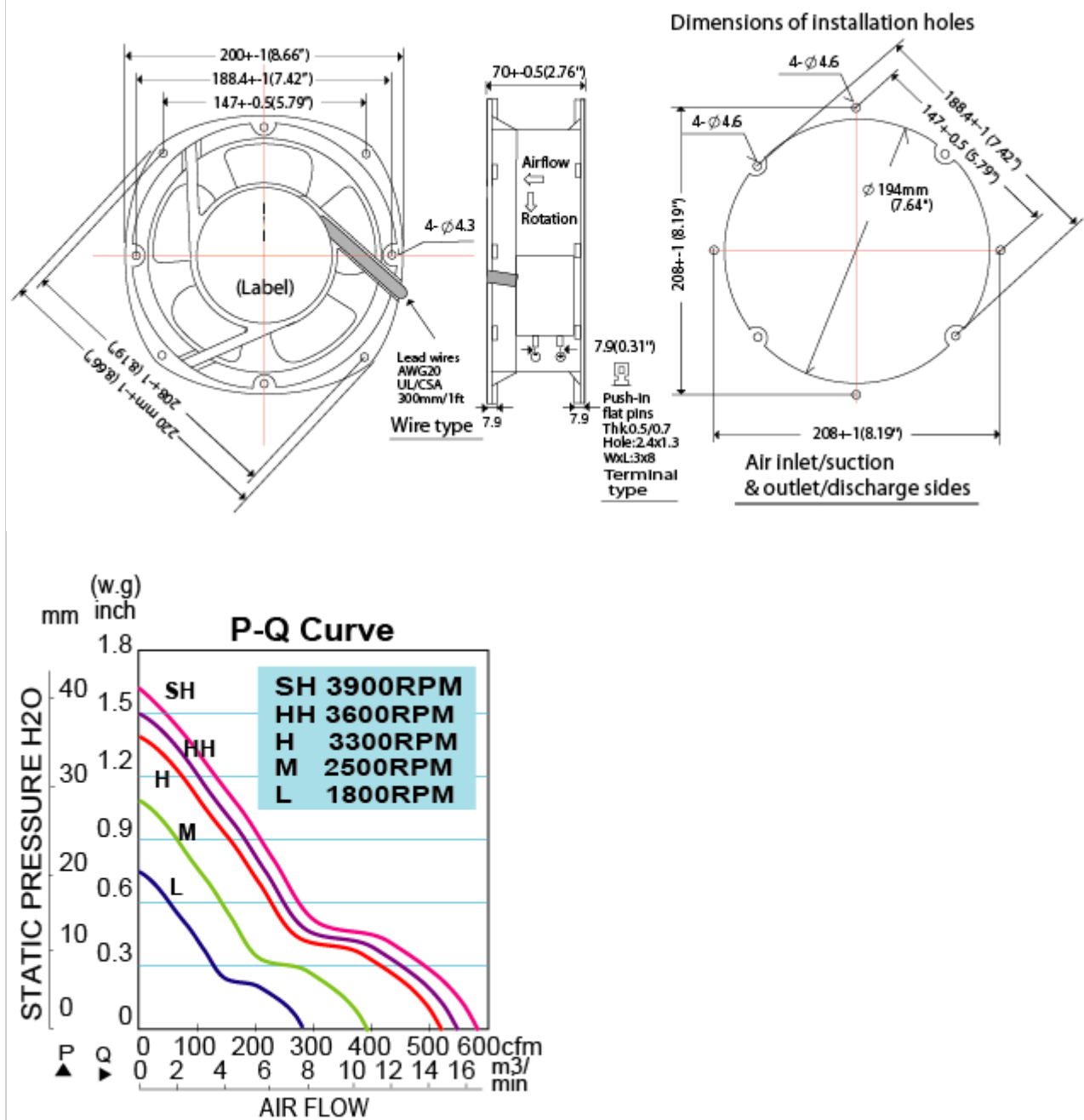
-Optional Function Leads:

- *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 (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%