

·DC· SD4020PT

40x40x20mm / 1.6x0.8inch
9.7~4.8 CFM

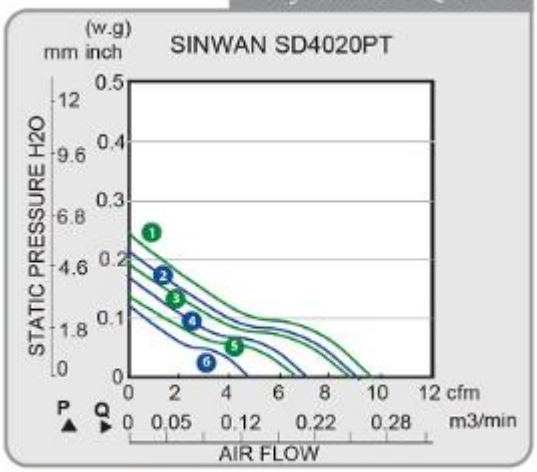
Plastic Impeller

	Rated Volt	Voltage Range	Input Power	Rated Current	Ref. Speed	Max.Airflow		Max.Static Pressure		Noise Level	PQ Curves	UL
Model No	VDC	VDC	Watt	Amp	RPM	CFM	m3/min	Inch/H2O	mm	db(A)		
SD4020PT-05H (HH)	5	4.5~5.5	1.15(~1.8)	0.23(~0.36)	7800	9.2	0.3	0.37	9.4	31	3	☑
SD4020PT-05H	5	4~7	1.15	0.23	6500	7.6	0.2	0.17	4.32	30	4	☑
SD4020PT-05M	5	4~7	0.9	0.18	5200	6.5	0.2	0.14	3.56	24	5	☑
SD4020PT-05L	5	4~7	0.75	0.15	4500	4.8	0.1	0.12	3.05	20	6	☑
SD4020PT-12H (HH)	12	8~13.8	1.2(~2.52)	0.10(~0.21)	9000	9.7	0.3	0.38	9.65	33	1	☑
SD4020PT-12H	12	8~13.8	1.2	0.10	6500	7.6	0.2	0.17	4.32	30	4	☑
SD4020PT-12M	12	8~13.8	0.96	0.08	5200	6.5	0.2	0.14	3.56	24	5	☑
SD4020PT-12L	12	8~14	0.72	0.06	4500	4.8	0.1	0.12	3.05	20	6	☑
SD4020PT-24H (HH)	24	12~27.6	1.68(~2.16)	0.07(~0.09)	8200	9.5	0.3	0.32	8.13	32	2	☑
SD4020PT-24H	24	12~27.6	1.68	0.07	6500	7.6	0.2	0.17	4.32	30	4	☑
SD4020PT-24M	24	12~28	1.2	0.05	5200	6.5	0.2	0.14	3.56	24	5	☑
SD4020PT-24L	24	12~28	0.72	0.03	4500	4.8	0.1	0.12	3.05	20	6	☑

- ** = "WB" for wire lead type Ball bearing
- Speed RPM tolerance +-20%
- Sinwan reserves the right to change data and improve electrical & mechanical design without notice, data tolerance +-10%

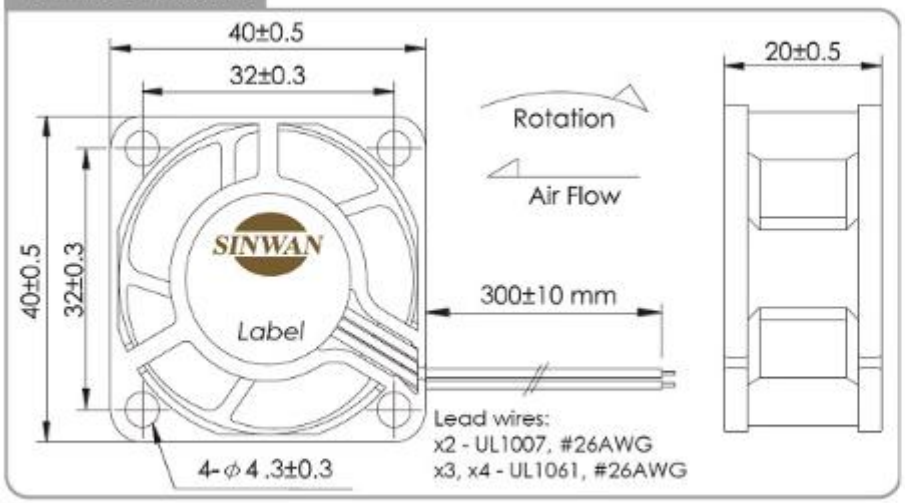
Motor	
Motor Type:	Brushless DC motor, option(auto cutoff/auto restart)
Burnout Protection:	Electronically protected, polarity protected
IP Protection:	IP55, IP67 (Optional)
Mechanical	
Frame:	Glass fiber reinforced thermoplastic, rated UL94V-0
Impeller:	Glass fiber reinforced plastic, rated UL94V-0
Bearing:	Two ball bearings
Rotation:	CCW seen on rotor
Connection:	Lead wires or Terminals
Weight:	30g (0.066Lbs)
Electornical	
Dielectric Strength:	500VAC/min. Max leakage 0.5mA
Speed Control:	Option : PWM, SC & SV...
Signal Output:	Option : FG, RD...
Environment	
Operating Temp:	-20C~+65C
Storage Temp:	-20C~+75C (at 65%RH)
Life Expectancy:	L10 - B:70K hours at 40C / Y:50K hours at 40C

Performance P-Q Curves



Nomenclature R/D Alarm F/G Tach

Outline Dimensions



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G40-2



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G40P



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