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-DC- SD127AN



127x127x38.5mm / 5x1.5inch
145~86 CFM

Plastic Impeller

Model No	Rated Volt VDC	Voltage Range VDC	Input Power Watt	Rated Current Amp	Ref. Speed RPM	Max.Airflow CFM	m3/min	Max.Static Pressure Inch/H2O	mm	Noise Level db(A)	PQ Curves
SD127AN-05SH**	5	4~6	9.5	1.9	2900	128	3.6	0.39	9.91	43	SH
SD127AN-05HH**	5	4~6	8	1.6	2600	113	3.2	0.35	8.89	40	HH
SD127AN-05H**	5	4~6	3.5	0.65	2300	100	2.8	0.31	7.87	36	H
SD127AN-05M**	5	4~6	3	0.55	2000	90	2.5	0.27	6.86	32	M
SD127AN-05L**	5	4~6	2	0.4	1700	75	2.1	0.21	5.33	28	L
SD127AN-12SH**	12	9~13.8	10.6	0.88	3100	138	3.9	0.4	10.16	45	SH
SD127AN-12HH**	12	9~13.8	8.4	0.7	2800	122	3.5	0.37	9.4	42	HH
SD127AN-12H**	12	9~13.8	6	0.5	2500	110	3.1	0.33	8.38	38	H
SD127AN-12M**	12	9~13.8	4.8	0.40	2200	96	2.7	0.29	7.37	34	M
SD127AN-12L**	12	9~14	2.4	0.20	1900	86	2.4	0.23	5.84	30	L
SD127AN-24SH**	24	12~27.6	10.3	0.43	3200	145	4.1	0.43	10.92	46	SH
SD127AN-24HH**	24	12~27.6	8.4	0.35	2900	128	3.6	0.39	9.91	43	HH
SD127AN-24H**	24	12~27.6	5.5	0.23	2600	115	3.3	0.35	8.89	40	H
SD127AN-24M**	24	12~27.6	4.6	0.19	2200	96	2.7	0.29	7.37	34	M
SD127AN-24L**	24	12~28	3.6	0.15	1900	86	2.4	0.23	5.84	30	L
SD127AN-48SH**	48	26~56	10.6	0.22	3200	145	4.1	0.43	10.92	46	SH
SD127AN-48HH**	48	26~56	7.7	0.16	2900	128	3.6	0.39	9.91	43	HH
SD127AN-48H**	48	26~56	5	0.1	2600	115	3.3	0.35	8.89	40	H
SD127AN-48M**	48	26~58	3.8	0.08	2200	96	2.7	0.29	7.37	34	M
SD127AN-48L**	48	28~60	3.4	0.07	1900	86	2.4	0.23	5.84	30	L

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

Motor

Motor Type: Brushless DC Motor, auto cutoff, auto restart

Burnout Protection: Electronically protected, polarity protected

IP Protection: IP55, IP56 (Optional)

Mechanical

Frame: Aluminum die cast, natural color(AN) or black color(AP)

Impeller: 5 blades, glass fiber reinforced plastic, rated UL94V-0

Bearing: Two ball bearings

Rotation: CCW seen on rotor

Connection: Wire lead or terminal flat pin connecting

Weight: 420 g (0.93 Lbs)

Electronical

Dielectric Strength: 500 VAC/min. Max leakage 500mA

Speed Control: Optional:PWM, S/C NTC thermister on request

Signal Output: Optional:R/D alarm output, tachometer output

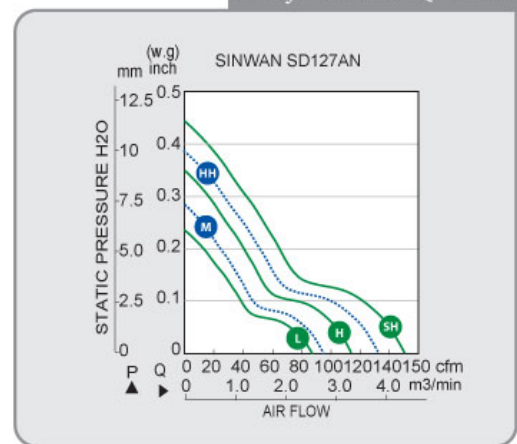
Environment

Operating Temp: -20C~+65C

Storage Temp: -20C~+75C (at 65%RH)

Life Expectancy: L10 100K hours at 35C, 40K hours at 60C

Performance P-Q Curves



- Nomenclature
- R/D Alarm
- FIG Tach
- S/C Function
- PWM Function

Relevant products



▶ Outline Dimensions

