

·DC· SDK1238 (HR)



Dia.108x36mm/4.3inch
105~65CFM

Model No	Rated Volt	Voltage Range	Input Power	Rated Current	Ref. Speed	Max. Airflow		Max. Static Pressure		Noise Level	PQ
	VDC	VDC	Watt	Amp	RPM	CFM	m3/min	Inch/H2O	mm	db(A)	Curves
SDK1238PT-12H	12	8~13.8	6.0	0.50	3100	100	2.8	0.28	7.11	42	
SDK1238PT-12M	12	8~13.8	4.8	0.40	2500	78	2.2	0.21	5.33	33	
SDK1238PT-12L	12	10~14	2.4	0.20	2000	65	1.8	0.13	3.3	26	
SDK1238PT-24H	24	15~26	5.5	0.23	3200	105	3	0.28	7.11	42	
SDK1238PT-24M	24	18~27	4.6	0.19	2550	82	2.3	0.21	5.33	33	
SDK1238PT-24L	24	18~27.6	3.6	0.15	2000	65	1.8	0.13	3.3	26	
SDK1238PT-48HB	48	28~55	5.5	0.10	3200	105	3	0.28	7.11	42	
SDK1238PT-48MB	48	28~55.2	4.6	0.08	2550	82	2.3	0.21	5.33	33	
SDK1238PT-48LB	48	30~56	3.6	0.07	2000	65	1.8	0.13	3.3	26	

- ** = "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, auto cutoff, auto restart, locking and polarity protected motor

Burnout Protection:

IP Protection:

Mechanical

Frame: Aluminum die cast, black color

Impeller: Glass fiber reinforced PBT thermoplastic, UL94V-0 impeller

Bearing: Double sealed high precision ball bearing

Rotation: CCW seen on rotor

Connection: Wire leads connecting AWG22, 350~380mm, stripped ends 3~5mm

Weight: 170g (0.37Lbs)

Electronical

Dielectric Strength: 500 VAC/sec. Max leakage 500 micro amp

Speed Control:

Signal Output:

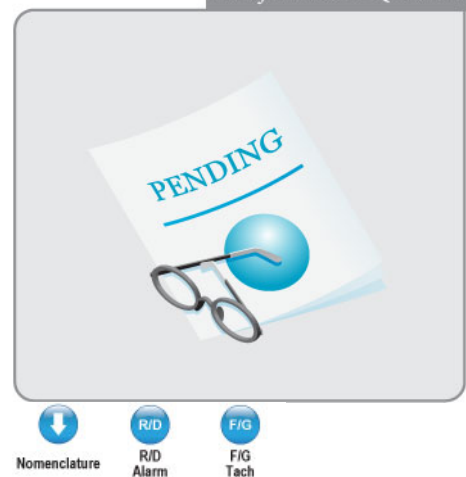
Environment

Operating Temp: Ball bearings -20C~+70C

Storage Temp:

Life Expectancy: Ball bearings 65,000 hours at 45C, 50,000 hours at 65C

► Performance P-Q Curves

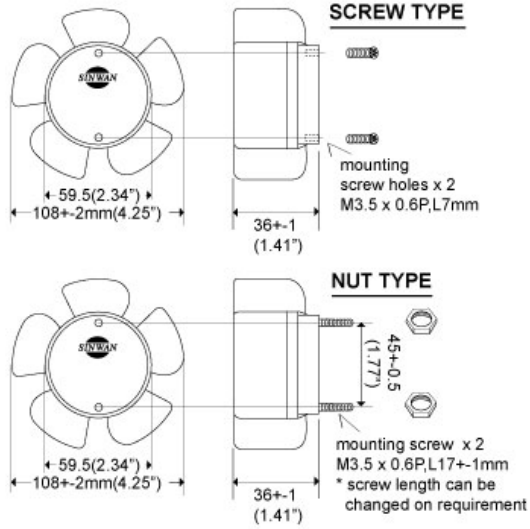


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Nomenclature

R/D
Alarm

F/G
Tach

► Outline Dimensions



Relevant products

CE **RoHS**