

# OD8025 Series

# DC



# 80x80x25mm (3.15"x 3.15"x 1.0")



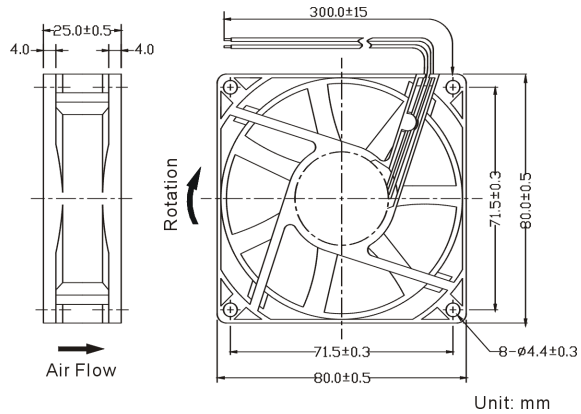
### OPERATING TEMPERATURE

Ball Bearing  
-20C ~ +70C  
Sleeve Bearing  
-10C ~ +50C

**FRAME & IMPELLER**  
PBT, UL94V-0 Thermoplastic

**POWER CONNECTION**  
Two lead wires 300mm (12")

**AVAILABLE OPTIONS**  
Tachometer  
Locked rotor Alarm



**FINGER GUARD:** G80-18  
**PLASTIC GUARD:** G80P  
**WIRE MESH GUARD:** WMG80M  
**FILTER KIT:** GRM80-30,  
GRM80-45

MODEL NUMBER	SPEED (RPM)	AIRFLOW (CFM)	NOISE (dB)	VOLTS DC	VOLTAGE RANGE	AMPS	MAX. STATIC PRESSURE (iH <sub>2</sub> O)
OD8025-05H*	2800	35	32	05	4~7	0.28	0.22
OD8025-05M*	2200	30	27	05	4~7	0.20	0.16
OD8025-05L*	1800	22	21	05	4~7	0.15	0.10
OD8025-12H*	3300	40	33	12	7~17	0.18	0.23
OD8025-12M*	2800	32	28	12	7~17	0.15	0.16
OD8025-12L*	2000	22	21	12	7~17	0.12	0.10
OD8025-24H*	3300	40	33	24	12~28	0.12	0.23
OD8025-24M*	2800	32	28	24	12~28	0.10	0.16
OD8025-24L*	2000	22	21	24	12~28	0.08	0.10
OD8025-48HB	4200	42	33	48	32~56	0.05	0.25

\* Indicate "B" to specify Ball bearing or "S" to specify Sleeve bearing

### MOTOR

Brushless DC, Impedance and polarity protected, auto restart

### INSULATION RESISTANCE

Min. 10M at 500VDC

### DIELECTRIC STRENGTH

1 minute at 500VAC / 1 second, max leakage 500 microamp

### LIFE EXPECTANCY (L10)

Ball Bearing 60,000 hrs  
Sleeve Bearing 30,000 hrs

