

# Outer Rotor BLDC



## 4220 Specifications:

### General Specifications

Motor	Shaded pole, impedance protected.
Frame (Houseing)	Aluminum die-cast. AP: Painted black. AN: Natural.
Impeller	PBT+ 30% fiber glass. Black color.
Lead wire	1007# 22AWG. UL/CSA.
Insulation Resistance	Min.10 M Ohm at 500 VDC between terminal and the frame.
Dielectric Strength	1 min at 1,500 VAC, 50/60 HZ.
Net Weight	196 grams ( 0.57 pounds)
Bearing Type	B: 2 ball bearing. S: 1 sleeve bearing.
Operating Temp	Ball bearing.: Within - 20 ~ 80 degree C. Sleeve bearing.: Within - 10 ~ 56 degree C.
Life Expectancy	Ball bearing.: 50,000 hours at 60 degree C. Sleeve bearing.: 20,000 hours at 45 degree C.
Above Measurements Tem. at: Within 20 ~ 30 degree C.	
Above Measurements Humidity at: 65% + - 15%.	
Safety Approvals : CE.	



Model	DO4220-HBPL	DO4220-HSPL	DO4220-MBPL	DO4220-MSPL	DO4220-LBPL	DO4220-LSPL
Rated Voltage (VDC)	12	12	12	12	12	12
Rated Current (AMP)	0.18	0.18	0.16	0.16	0.14	0.15
Rated Speed (RPM)	3000	3000	2500	2500	2000	2000

### OUTLINE DRAWING

(DIMENSIONS: mm)

