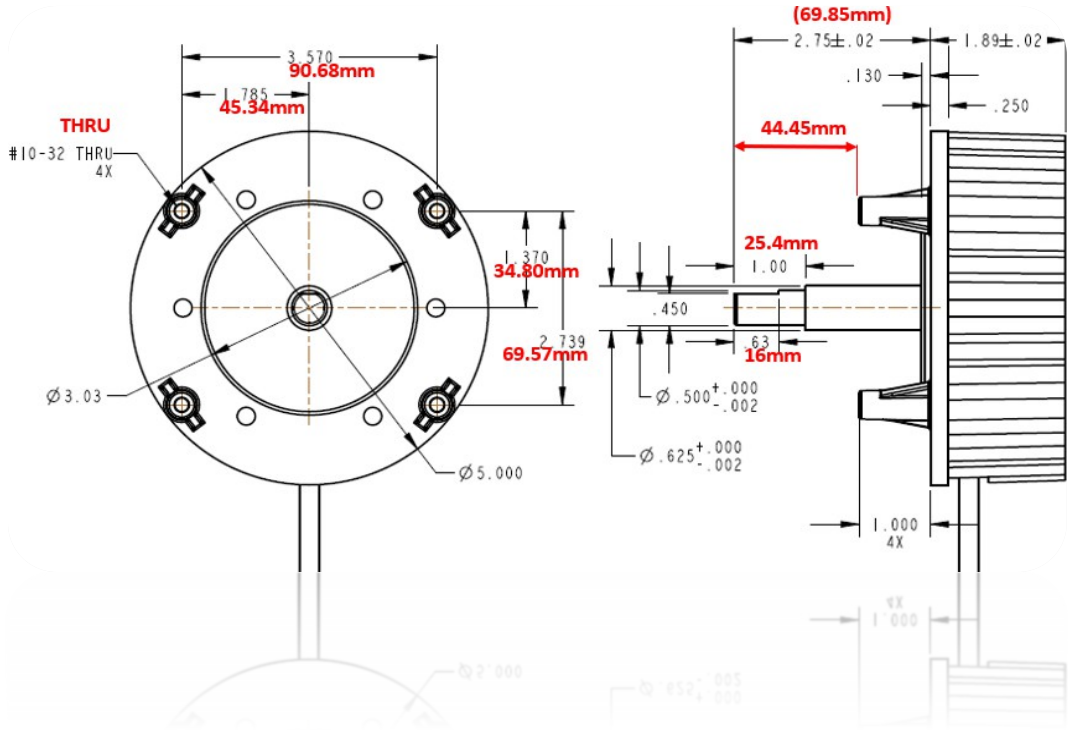


BLDC Motor



Standards Metric	Requirement
Agency Approvals	UL 1004-3 Thermally Protected Motor
	Controller evaluated to UL60730-1A
Class-F insulation system	Adopted: Ghillie Electrical E322743

Environmental Requirements Material	Requirement
Operation Ambient Temperature	Forced Convection Worst case ambient 50°C
Storage Temperature Range	-20°C ~ 85°C
Life span	Target 15,000 hours

Motor Part No.	Rated Power	Speed Range
S	230W Shaft Output	700rpm to 7000rpm
L	350W Shaft Output	700rpm to 7000rpm

Performance Metric	Requirement	Performance Metric	Requirement
Acceleration	3 sec from 700 to 5600 rpm	Acceleration	3 sec from 700 to 5600 rpm
Deceleration	3 sec from 5600 to 700 rpm	Deceleration	3 sec from 5600 to 700 rpm