



Axial Flux Permanent Magnet Motor

Introducing Ashwoods Axial Flux Permanent Magnet Motor a low cost, compact, efficient and powerful modular drive system. The motor is highly adaptable and can be configured for a range of mounting options and cost effective applications.

The British manufactured motor has been developed with TSB funding in collaboration with a leading University.

Design

- Design for Manufacturing (DFM)
- Enables integration into a variety of applications
- Scalable design
- Designed to be fully EMC compliant

Manufacture

- Modular design allows it to be assembled within one hour
- Ashwoods have adapted advanced processes and materials enabling lower production costs to offer competitively priced motors

Commercial

- High power density
- Robust – long service interval
- One of the lowest cost (£) to kilowatt motor available



Performance

- Achieves high efficiency and power
- Innovative cooling system allowing for greater heat dissipation
- Various cooling solutions for a range of power ratios and budget

Applications

- Small EV, mild hybrid, motorbike, power generation, marine, industrial
- Various mounting options - radial mounting, end face mountings and bell housing



Cooling options	gel	air	resin	liquid
Mounting options	radial	end facing	bell housing	
Weight	22 Kilos			
Dimensions	234 mm x 103mm			

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Radial Flux Permanent Magnet Outrunner Motor

Introducing Ashwoods innovative Radial Flux Permanent Magnet Outrunner Motor. A compact, lightweight and powerful drive system.

The British manufactured motor has been developed with TSB funding in collaboration with a leading University.

Design

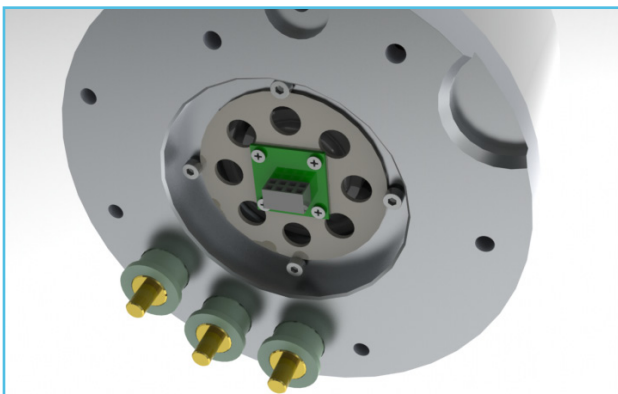
- Design for Manufacturing (DFM)
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Manufacture

- Modular design allows it to be assembled within one hour
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Commercial

- High power density
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Performance

- Achieves high efficiency and power
- Innovative cooling system allowing for greater heat dissipation
- Various cooling solutions for a range of power ratios and budget

Applications

- Small EV, mild hybrid, motorbike, power generation, marine, industrial
- Various mounting options - radial mounting, end face mountings and bell housing

Cooling option	air	liquid
Weight	14 Kilos	
Dimensions	180 mm x 116mm	

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