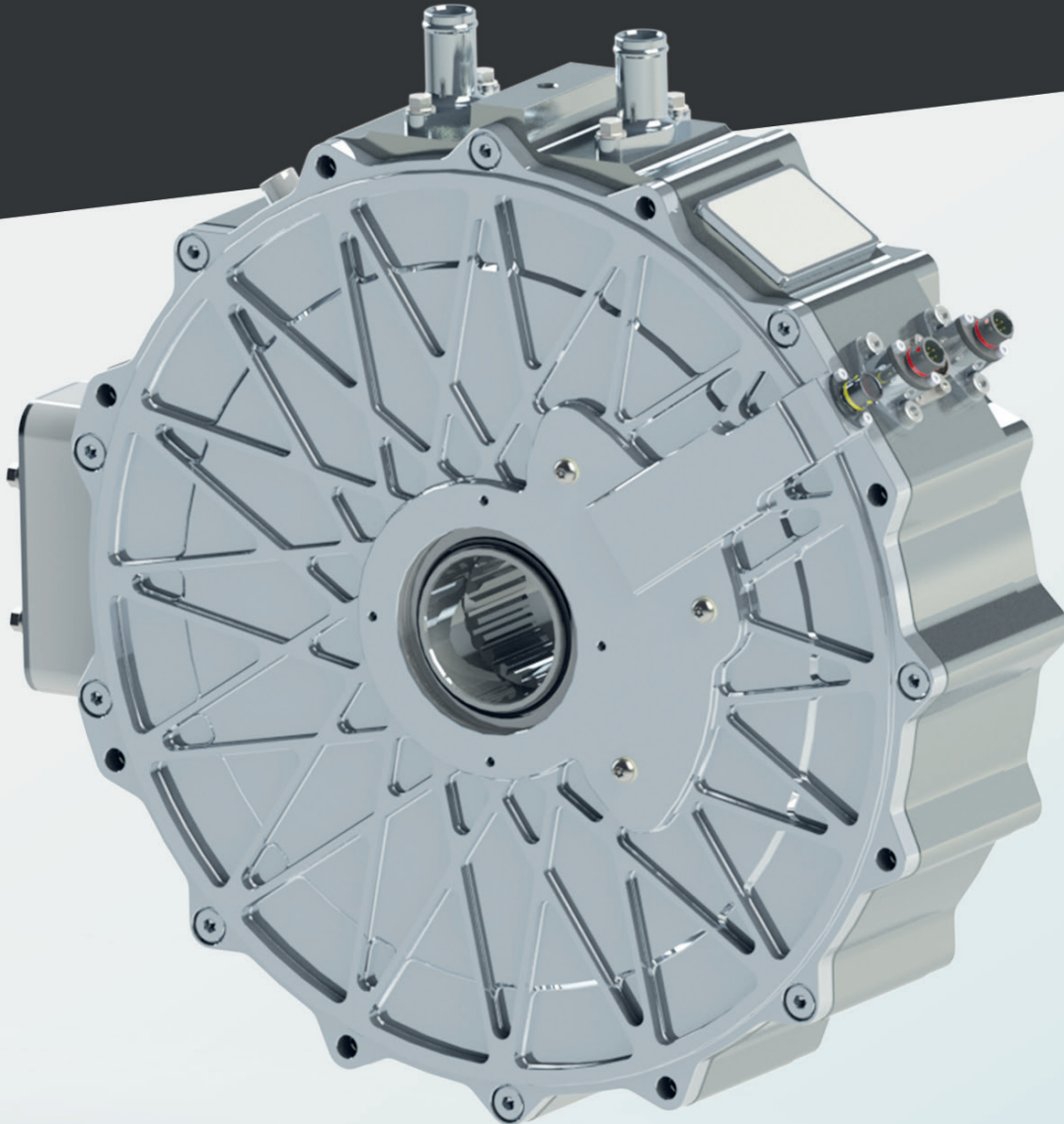




# 750R Electric Motors

## Product Sheet



### Overview

YASA's 750R delivers higher torque and power densities than any other motor in its class.

Optimised for electrified marine propulsion and industrial hybrid applications, the YASA 750R delivers 790Nm of torque and a peak power of 205kW @2500rpm in 800VDC systems.

# 750R Electric Motors



## Key Specifications

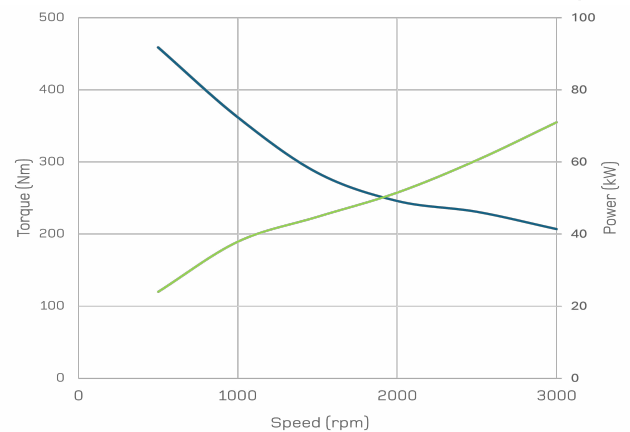
Peak Torque @ 450 ARMS	790 Nm
Peak Power @ 800 Vdc	205 kW
Peak Power @ 400 Vdc	100 kW
Continuous Torque (40°C coolant)	400 Nm

Continuous Power @3000 rpm (40°C coolant)	Up to 70 kW
Speed	0 – 3250 rpm
Peak Efficiency	>95%
Mass	37 kg

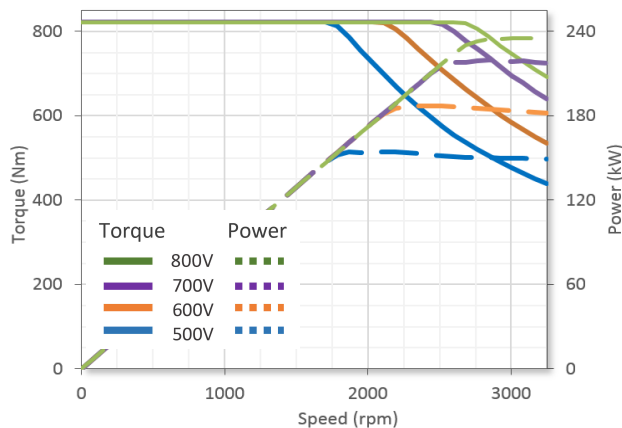
## Technology

- Best-in-class torque and power density.  
Peak power density >5 kW/kg
- Dimensions just 368mm (D) x 98mm (L)
- Through-shaft mounting, may be stacked for increased torque and power
- Integrated position and temperature sensors

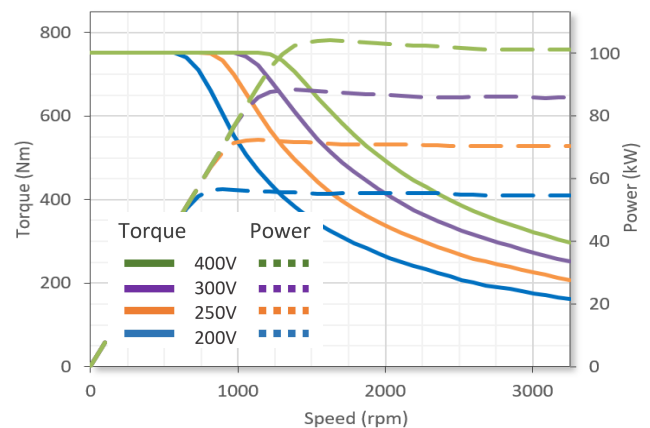
Cont. Performance @ 40°C Coolant Inlet Temp.



With 800 Vdc & 450 ARMS Controller



With 400 Vdc & 400 ARMS Controller



For full product details, please contact [sales@yasa.com](mailto:sales@yasa.com) detailing your motor and controller requirements.

[www.yasa.com](http://www.yasa.com)

NOTE: Specifications are based on dynamometer test data with coolant at 60°C (inlet), 20 L/min and in a 30°C ambient unless stated otherwise.

Actual performance will vary with drive cycle, cooling and installation details.

