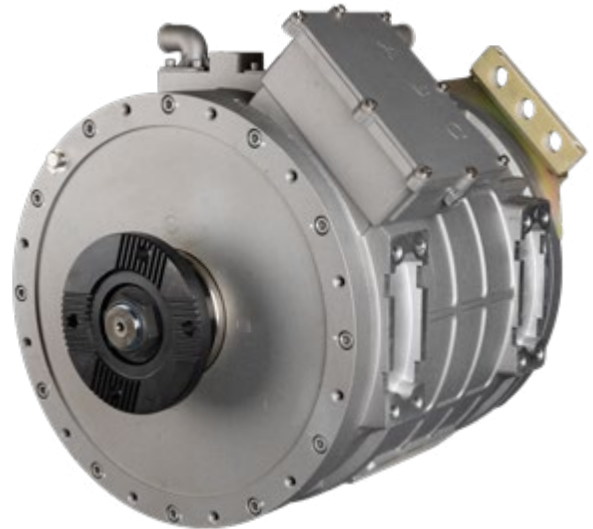


# Propulsion Motor

## GPM-10

The liquid-cooled, high power-to-weight ratio propulsion motor is an easy-to-install and low maintenance solution for maritime applications. The permanent magnet design driven by our next-generation hardware ensures market leading electrical efficiency.

The GPM-10 provides full power over a wide speed range that helps reduce the dependency on reduction gear, simplifying the installation, improving driveline efficiency and reducing operating costs. With multiple motors to choose from, BAE Systems can provide propulsion solutions to meet a range of requirements.



### Features

- Permanent magnet high efficiency design
- Full power over a wide speed range
- Regenerative power for sailing vessels
- Superior low-end torque and high power-to-weight ratio
- Completely high-voltage protected for safety

### Benefits

- Easy installation
- Reduced maintenance
- Reliable, low lifecycle cost
- Electric propulsion with low noise and vibration
- WEG cooled and no separate oil cooler required

Specification	Value
Rated Power	150 kW (202 hp)
Rated Speed	1200 rpm
Max Speed	4000 rpm
Torque	1200 Nm
Ingress Protection	IP67 and IPx9k
Cooling	Water/Ethylene Glycol - 50:50
Inlet Coolant Temp. (max)	35°C
External Ambient	-40° to 65°C (-40° to 149°F)
Dimensions (L x W x H)	535 x 500 x 505 mm
Weight (wet)	272 kg (600 lbs)

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