

Motor

GPM-10

GPM-10 is an easy to install and low maintenance motor solution for heavy-duty vehicles. The motor connects directly to the axle, reducing the number of moving parts and increasing the efficiency and reliability of the system.

Its proven design minimizes the cost and time constraints associated with regular maintenance. The GPM-10 provides full power over a wide range of speeds, eliminating the need for manual gear shifting and allowing for a smoother and more efficient drive.

With multiple traction motors to choose from, BAE Systems can provide propulsion solutions to meet a range of requirements.



Features

- Meets industry standard performance requirements
- Low maintenance and easy to install
- Reliable with low through-life costs
- Provides excellent low-end torque
- Regenerative braking
- Liquid cooled for superior thermal management
- Water ethylene glycol cooled

Specification	Value
IP	IP67
Cooling	Water/Ethylene Glycol - 50:50
Inlet Coolant Temp. (max)	65°C
Dimensions (L x W x H)	535 x 500 x 505 mm
Weight (wet)	272 kg (600 lbs)
Voltage	500 to 750 V
Nominal Voltage	750 V
Peak Power	250 kW
Peak Torque	3000 Nm
Cont. Power	170 kW
Cont. Torque	1250 Nm
Max Speed	4000 rpm
Motor Phase Cables	3-Ph

North America
 BAE Systems
 1098 Clark Street
 Endicott, NY 13760
 USA

www.gettozero.com

Rest of World
 BAE Systems
 Marconi Way
 Rochester, Kent ME1 2XX
 UK

This document gives only a general description of products and services and except where expressly provided otherwise shall not form part of any contract. From time to time, changes may be made in the products or conditions of supply.

Published work © 2021 BAE SYSTEMS. All rights reserved.

BAE SYSTEMS is a registered trade mark of BAE Systems plc.

CS-21-D83