

Motor

GPM-12

GPM-12 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-12 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
- Excellent low-end torque
- Regenerative braking
- Water ethylene glycol cooled

Specification	Value
IP	IP67 and IPx9k
Cooling	Water/Ethylene Glycol - 50:50
Inlet Coolant Temp. (max)	65°C
Dimensions	595 x 570 x 676 mm
Mass	380 kg (Wet)
Voltage	500 to 800 V
Nominal Voltage	650 V
Peak Power	300 kW
Peak Torque	4200 Nm
Cont. Power	205 kW
Cont. Torque	1850 Nm
Max Speed	3500 rpm
Motor Phase Cables	3-Ph

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