

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 |
| Cooling | Water/Ethylene Glycol - 50:50 |
| Inlet Coolant Temp. (max) | 65°C |
| Dimensions | 595 x 570 x 676 mm |
| Mass | 375 kg (Wet) |
| Voltage | 500 to 750 V |
| Nominal Voltage | 650 V |
| Peak Power | 300 kW |
| Peak Torque | 3700 Nm |
| Cont. Power | 205 kW |
| Cont. Torque | 2000 Nm |
| Max Speed | 3800 rpm |
| Motor Phase Cables | 3-Ph |

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