



Off-highway electric powertrain experience

John Deere electric drivetrain components have more than one million hours of proven performance in the field. This new family of series-electric generator pump drives and traction drives offer a flexible, balanced, and scalable approach for electric drivetrain solutions.

- Seamless integration with John Deere engines, inverters, and drivetrain equipment
- Rugged components designed for high durability and reliability
- Modular configurations to fit a variety of applications

Single Speed Inline Gearbox

Max output torque Gear ratio dependent	4000 Nm (2950 lb-ft)
Max output speed Gear ratio dependent	2400 rpm
Output flange	7C yoke
Tow disconnect	Included
Approximate weight	110 kg (243 lb)
Overall dimensions	533 x 302 x 302 mm (21 x 12 x 12 in)



Interior Permanent Magnet (IPM) Motor

Power Rating @ 700 VDC	100 kW (135 hp)
Lubrication flow required	15 lpm (4 gpm)
Power electronics	John Deere PD400 Inverter (WEG cooled)

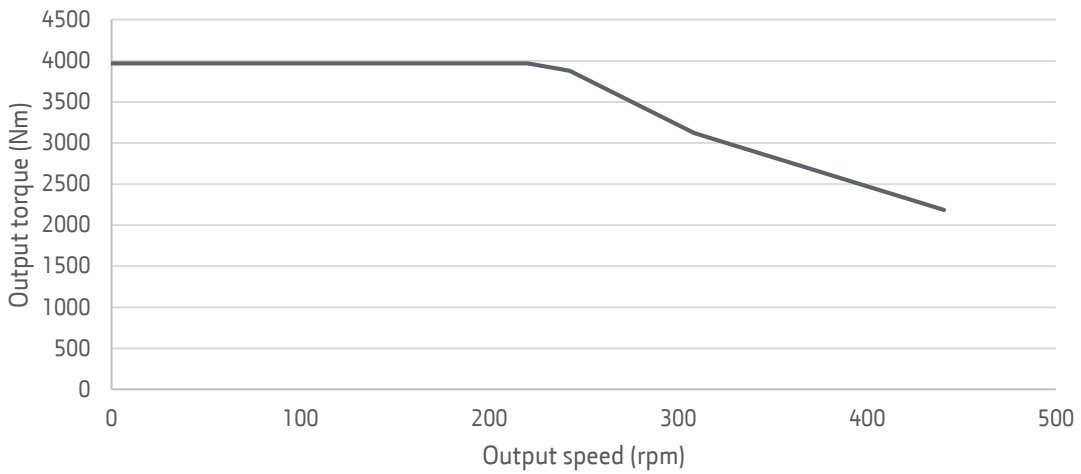


Electric Motor Drive

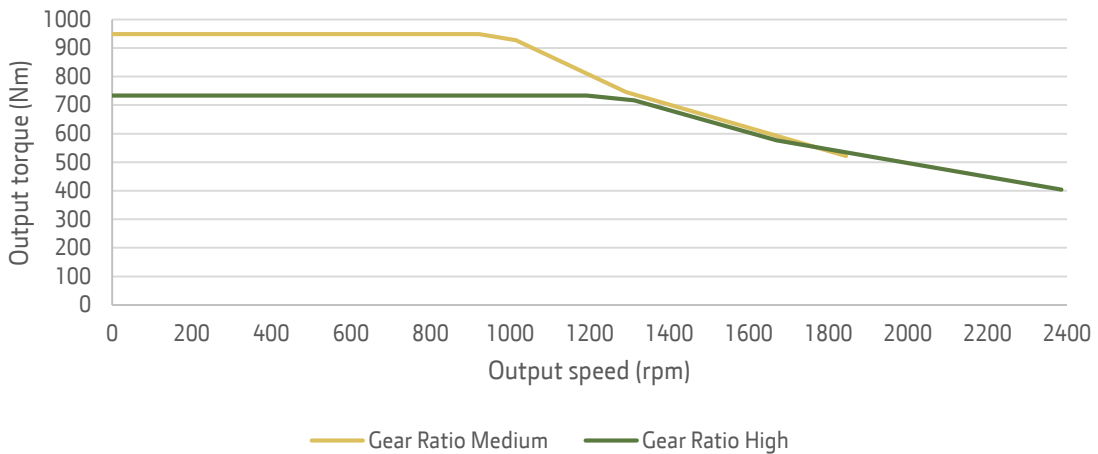


Output performance

Deep Reduction



Standard Reduction



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*All values at rated speed and power with standard options unless otherwise noted.
Specifications and design subject to change without notice.*