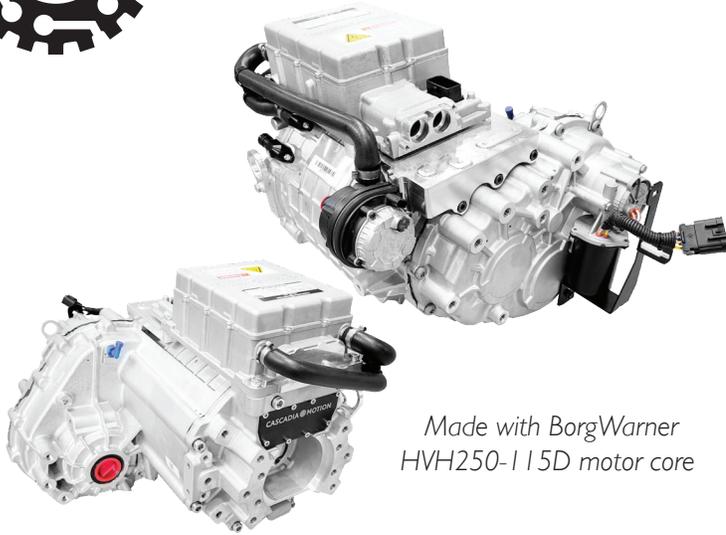




iDM-190 (INTEGRATED MODULE)



Made with BorgWarner HVH250-115D motor core

Built using the CM200 inverter and the BorgWarner eDM motor/transmission, this three-in-one integrated module is capable of 4140 Nm of axle torque. The assembly is bolt-in ready for transverse mounted drivelines and is equipped with parking lock and water pump as standard.

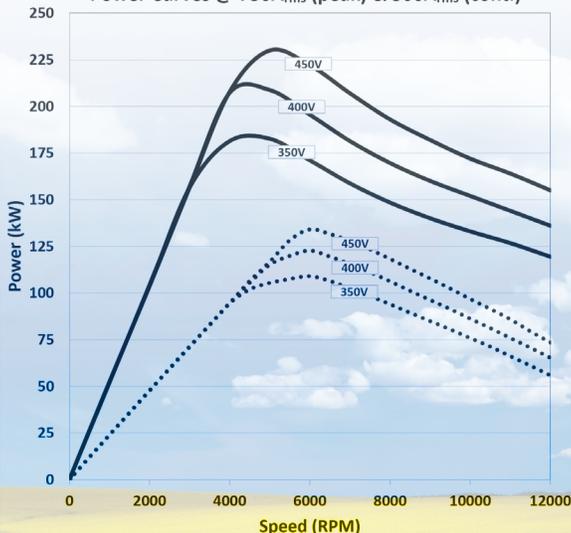
FEATURES

- OEM-level integration (inverter + motor + gearbox)
- 480 Vdc maximum voltage (with CM200DX inverter)
- Wavetrac® limited slip differential
- Integrated parking lock
- 8.28:1 gearbox ratio
- Assembly has multiple mounting bosses to enable flexibility in chassis mount locations
- Water-cooled motor minimizes weight & size
- Pluggable HVIL DC connection
- Flanged stub shafts available
- Boundary Box
 - Height: 435mm
 - Width: 540mm
 - Length: 515mm

Peak Torque	500Nm (4140 Nm at axles)
Peak Power	225kW
Continuous Torque	180Nm (1490Nm at axles)
Continuous Power	80kW
Maximum Speed	12000rpm
Weight	92 kg
Motor Cooling Medium	50% E.G. / 50% Water
Inverter Cooling Medium	50% E.G. / 50% Water
Maximum Water Temperature	80°C (derate from 80 to 100°C)
Combined Efficiency	95% peak (@200Nm, 5500rpm)

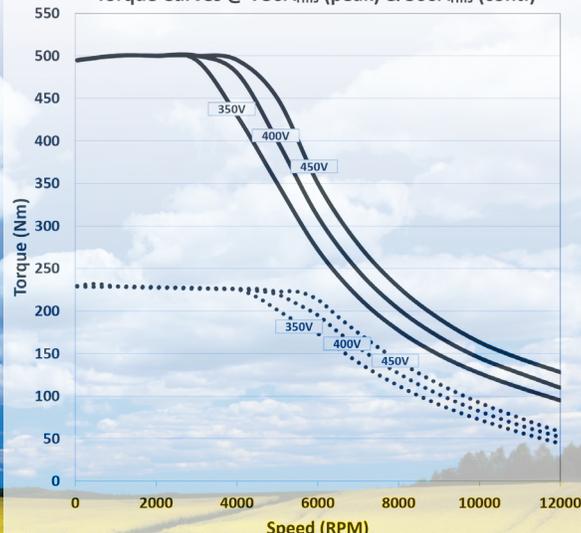
iDM-190 Power Curves

Power Curves @ 730A_{rms} (peak) & 300A_{rms} (cont.)



iDM-190 Torque Curves

Torque Curves @ 730A_{rms} (peak) & 300A_{rms} (cont.)



Point Camera Here



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