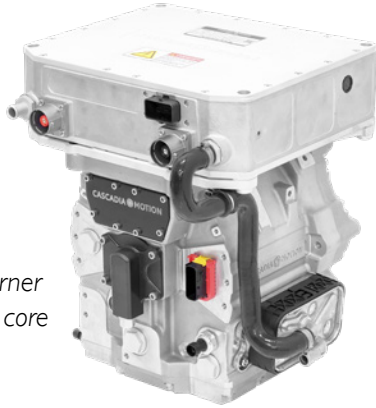


iM-375 (INTEGRATED MODULE)



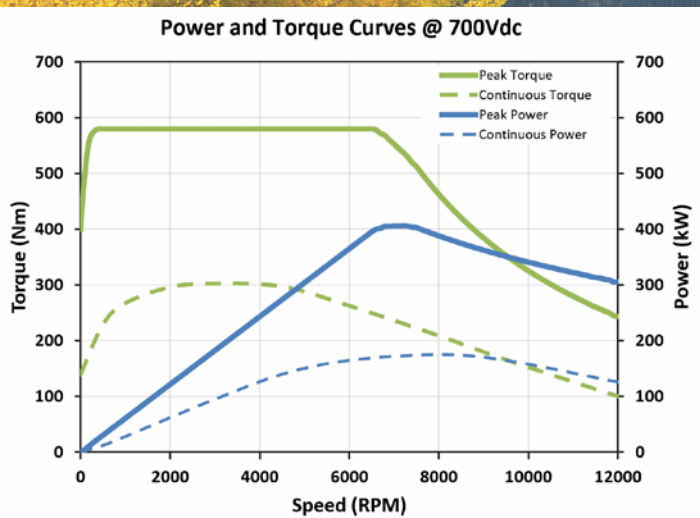
Made with BorgWarner HVH250-115 motor core

Being the higher-powered version of the iM-225, the iM-375 is built using the CM350 inverter and HVH250 motor core. This integrated module packs a 580Nm punch within a compact package and has a peak power of 400kW (537hp) at 700Vdc. It's loaded with integrated features like an oil pump, oil cooler, oil sump and water pump.

FEATURES

- 850Vdc maximum voltage (with CM350DZ inverter)
- Integrated oil pump
- Integrated water pump
- Integrated oil cooler
- Shallow sump depth, 170mm from shaft centerline to bottom
- Only 300mm in axial length and 424mm in total height
- Auxiliary ports provided for optional external oil connections enabling increased low-speed continuous torque
- Provided transmission connection bolt patterns:
 - 6-bolt 'Cascadia pattern'
 - 16-bolt 'Remy pattern' (e.g. SR309 gearbox)
 - 4-bolt Porsche G50 pattern

Peak Torque	580 Nm
Peak Power	400 kW
Continuous Torque	300 Nm
Continuous Power	175 kW
Maximum Speed	12000 rpm
Weight	73 kg
Motor Cooling Medium	Dexron VI
Inverter Cooling Medium	50% E.G. / 50% Water
Maximum Water Temperature	80°C (Peak performance below 45°C, Mild Derate 60-80°C, No Torque at 100°C)
Combined Efficiency	95% peak (@200Nm, 5500rpm)



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