



# iM-225 (INTEGRATED MODULE)

-DX and -DZ  
Versions Available



Made with BorgWarner HVH250-115 motor core

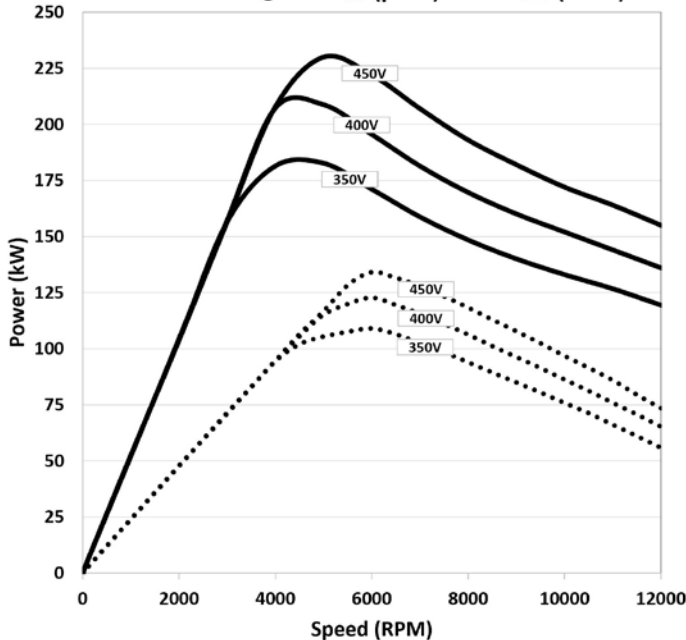
Built using the CM200 inverter and HVH250 motor core, this integrated module packs a 500Nm punch within a compact package. It's loaded with integrated features like an oil pump, oil cooler, oil sump and water pump.

## FEATURES

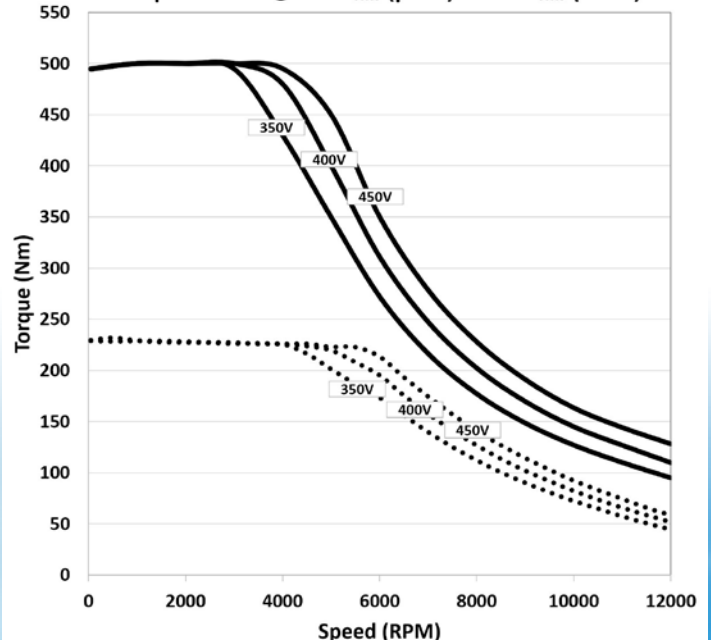
- 480Vdc maximum voltage (with CM200DX inverter)
- 840V maximum voltage (with CM200DZ inverter)
- Integrated oil pump
- Integrated water pump
- Integrated oil cooler
- Shallow sump depth, 170mm from shaft centerline to bottom
- Only 300mm in axial length and 405mm in total height
- Auxiliary ports provided for optional external oil connections
- Provided transmission connection bolt patterns:
  - 6-bolt 'Cascadia pattern'
  - 16-bolt 'Remy pattern' (e.g. 31-03 connection)
  - 4-bolt Porsche G50 pattern

Peak Torque	500Nm
Peak Power	225kW
Continuous Torque	230Nm
Continuous Power	110-135 kW
Maximum Speed	12000rpm
Weight	64 kg
Motor Cooling Medium	Dexron VI
Inverter Cooling Medium	50% E.G. / 50% Water
Maximum Water Temperature	80°C (Peak performance below 60°C, Mild Derate 60-80°C, No Torque at 100°C)
Combined Efficiency	95% peak (@200Nm, 5500rpm)

Power Curves @ 730A<sub>rms</sub> (peak) & 300A<sub>rms</sub> (cont.)



Torque Curves @ 730A<sub>rms</sub> (peak) & 300A<sub>rms</sub> (cont.)



Point Camera Here



To View Manuals

## CASCADIA MOTION

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