

HDRM™ 150 LV

Lightweight, powerful and efficient motor for light to medium vehicles.

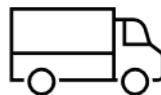
In Development

The HDRM™150 Series are rare earth magnet-free motors developed in response to customer demand for a lightweight, freewheeling motor to drive light to medium industrial and off-road vehicles. Our latest HDRM™150 low voltage motor is capable of operation from 24-120VDC.



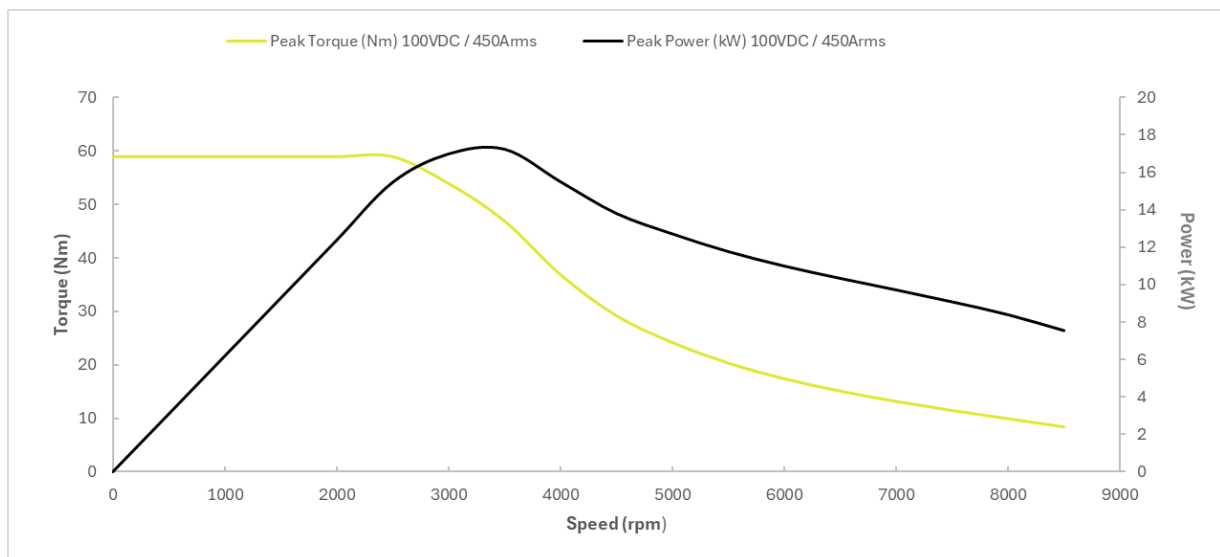
Features

- Sustainable, magnet-free motor with recyclable option.
- Inverter agnostic – can be driven by any standard 3-phase inverter
- Can operate equally well as traction motor or generator
- Ingress Protection level IP6K9K¹.
- No risk of demagnetization, allowing motors to run faster and hotter.
- No back-EMF or short circuit current to ensure safe failure modes.
- No cogging at high speeds for high drive cycle efficiencies.
- Air-cooled for simplicity.
- Available with or without fan and cowling.



¹Subject to system mounting interface and seal.

Performance (100 VDC)



Notes: Based on test data at 100V and 450Arms with forced air-cooling.