

# CASCADIA MOTION

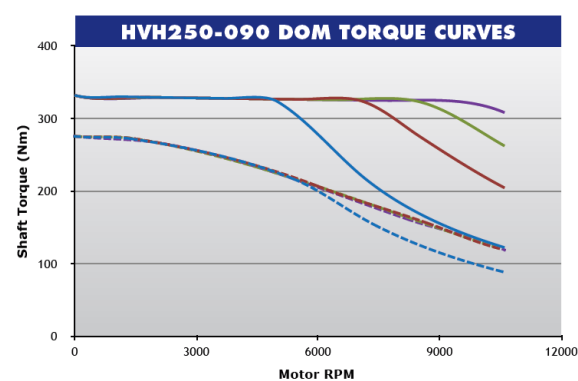
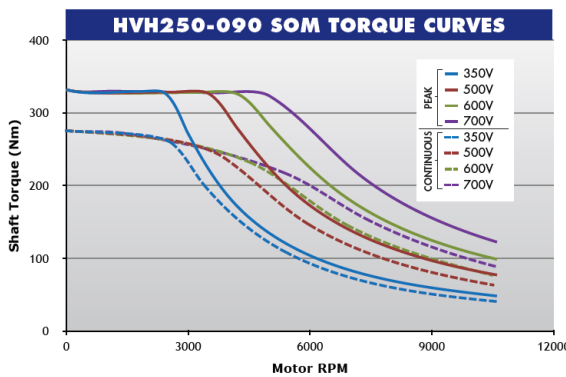
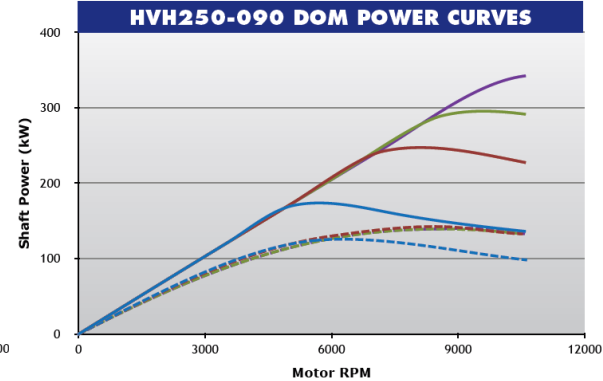
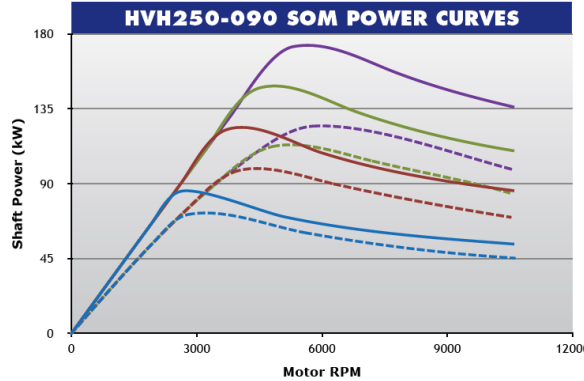
## SS-250-090 - Single Stack Motor

The SS-250-090 is a powerful, durable and rugged electric motor/generator for use in on - and off-highway vehicles, power generation and other special high power demand applications.

- Peak torque 375Nm at 350/700Arms
- Peak speed 11Krpm
- Peak power above 330kW (DOM)
- Mass 47kg
- Includes Oil Pump, Sump
- Integral heat exchanger
- Peak efficiencies > 95%
- World class power density
- Typical Coolant Inlet Temperature up to 90°C
- Typical Coolant Flow Rate 8 to 12 LPM
- DC Bus Voltage to 850V
- Performance curves shown at 300 Arms for SOM motor and 600 Arms for DOM motor
- Rated Peak Operating Time 60 sec
- Internally oil lubricated and cooled by Dexron VI
- Motor Rotational Inertia 0.055 kg-m<sup>2</sup>



Made with BorgWarner HVH250 Motor Core



Cascadia Motion LLC

power electronics, motors and propulsion controls

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