

# CASCADIA MOTION

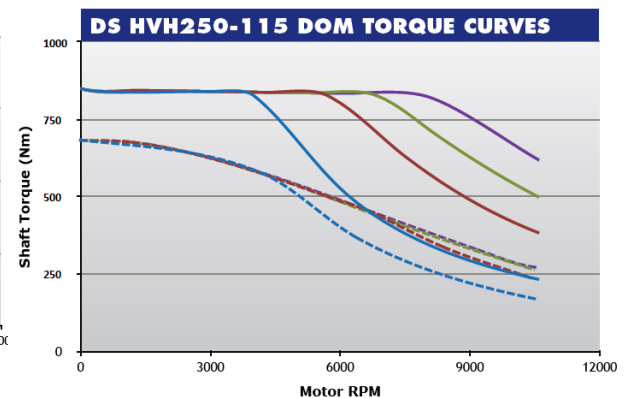
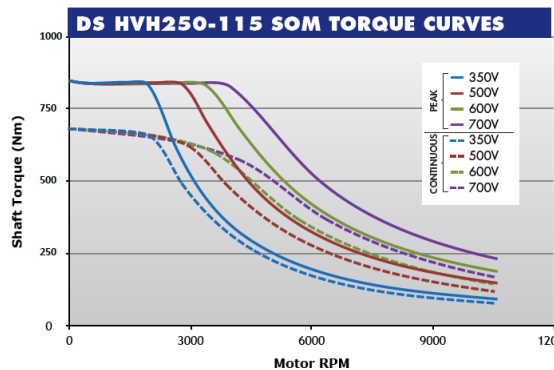
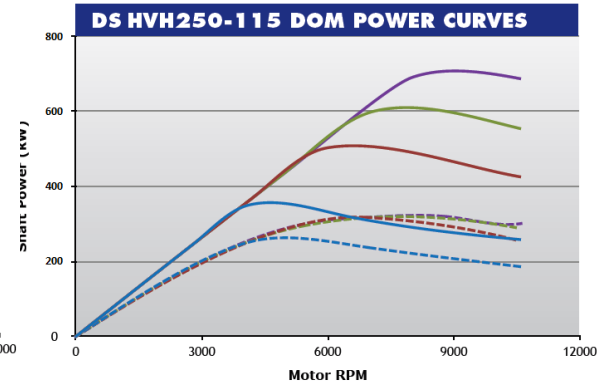
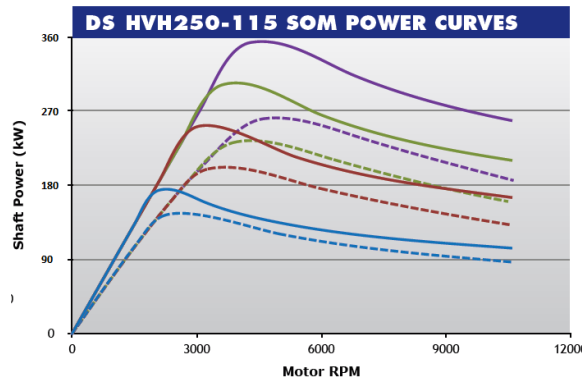
## DS-250-115 - Dual Stack Motor

The DS-250-115 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 960Nm at 350/700Arms per motor
- Peak speed 11Krpm
- Peak power above 680kW (DOM)
- Mass 106kg
- Includes Oil Pump, Sump
- Requires dual inverters
- Requires external heat exchanger
- Peak efficiencies > 95%
- World class power density
- Typical Oil Inlet Temperature up to 90°C
- Oil Flow Rate 5 to 45 LPM
- DC Bus Voltage to 850V
- Performance curves shown at 300 Arms (per motor) for SOM motor and 600 Arms (per motor) for DOM motor
- Rated Peak Operating Time 60 sec
- Internally oil lubricated and cooled by Dexron VI
- Motor Rotational Inertia 0.140 kg-m<sup>2</sup>



Made with BorgWarner HVH250 Motor Core



Cascadia Motion LLC

power electronics, motors and propulsion controls

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