

DS-250-115 DUAL STACK MOTOR

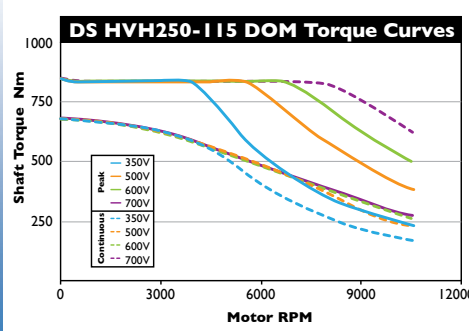
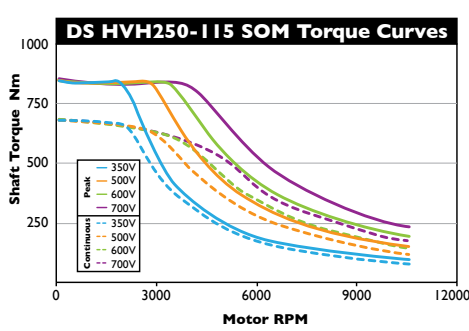
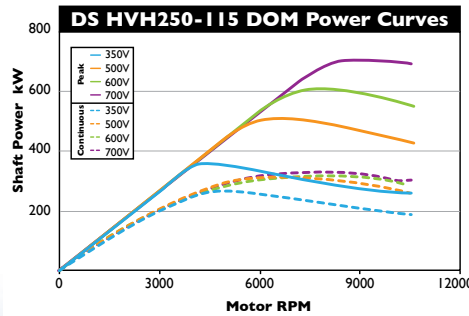
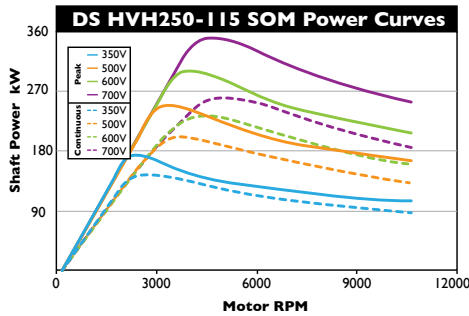


The DS-250-115 Dual Stack motor is a durable and powerful electric motor/generator with integral sump and mechanical oil pump for use in on- and off-road highway vehicles, power generation and other special high power demand applications.

DS-250-115 - Peak Torque of 960Nm at 350/700Arms (SOM/ DOM) per motor*

*(SOM = Series Wound Cores, DOM = Parallel Wound Cores)

Made with BorgWarner HVH250 Motor Cores



FEATURES

- Peak torque 960Nm at 350/700Arms (SOM/DOM)*
- Peak speed 11kRPM
- Peak power above 780kW (DOM)*
- Mass 106kg
- Includes Oil Pump, Sump
- Requires external heat exchanger
- Requires use of two 3-phase inverters and contains two resolvers
- Peak efficiencies > 95%
- World class power density
- Typical Oil Inlet Temperature up to 90°C
- Oil Flow Rate up to 45 LPM
- DC Bus Voltage to 850V
- Performance curves shown at 300Arms (per motor - SOM) and 600Arms (per motor - DOM)*
- Rated Peak Operating Time 60 sec
- Motor Rotational Inertia 0.140 kg-m²

Point Camera Here



To View Manuals