

DS-410-075 DUAL STACK MOTOR



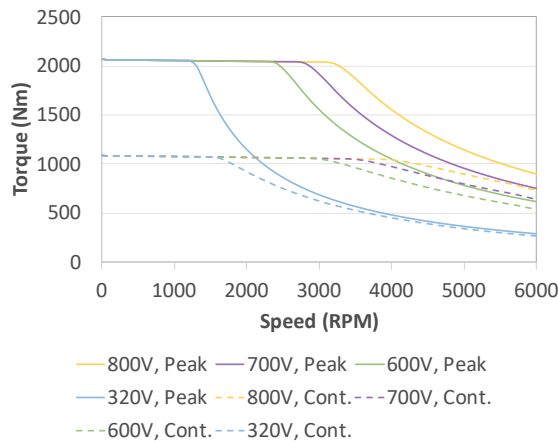
Made with BorgWarner HVH410 Motor Cores
Note: Curves shown at 600 Arms

The DS-410-75 Dual Stack motor is a powerful, durable and rugged electric motor/generator with integral sump, pump and heat exchangers. Applications include on- and off-road highway vehicles, power generation and other special high power demand applications.

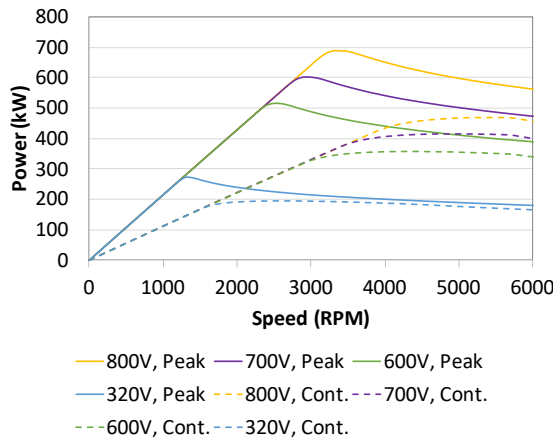
DS-410-75: Peak Torque of > 2000Nm at 300 /600 Arms (SOM/DOM) and peak power of 500kW (DOM) or more!*

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

DS-410-075-DOM Torque Curves



DS-410-075-DOM Power Curves



FEATURES

- Peak torque 2000Nm at 600Arms per motor (DOM)*
- Peak speed 6kRPM
- Peak power above 500kW (DOM)* at VDC > 600
- Mass 220kg
- Includes Oil Pump, Sump
- Includes integral water/oil heat exchanger
- Requires use of two 3-phase inverters and contains two resolvers
- Peak efficiencies > 95%
- World class power density
- Typical Coolant Inlet Temperature up to 90°C
- Typical Coolant Flow Rate 32 LPM
- DC Bus Voltage to 850V
- Performance curves shown at 600Arms*
- Rated Peak Operating Time = 60 sec
- Motor Rotational Inertia 1.24 kg-m²

CASCADIA MOTION

cascadiamotion.com +1-503-344-5085

Point Camera Here



To View Manuals