



SRI 200 series

Synchronous Reluctance / IPM Motor

“Hybrid Motor”

Benefits

- Applicable for Traction, Pump and other Applications
- Efficiency as an IPM motor and versatility of an SR motor
- Up to 30% more Torque & up to 30% more Nom. Power Output in the footprint of same size ASY 200 motors
- > 60% more Power & Torque Output in the field-weakening area
- Close to ACIM or SR Motor Overload / Thermal Capacity with low loss design
- Superior Speed & Torque Range / Max. Speed to Nom. Speed ratio of up to 6.
- Insignificant cogging torque
- Optimized Cost / Benefit ratio with small amount of magnet material used
- Seamless integration with TM4 inverters product line.

Key product data

- Voltage range¹: 48V - 144V
- Peak torque range: up to 250 Nm
- Cont. power: Up to 20 kW
- Peak power capability: up to 70 kW
- Max. operating speed: 10,000 RPM
- Integrated Sin/Cos encoder
- Multiple mechanical interfaces available

1) Voltage Range: Nom. Vehicle DC supply voltage range.



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Application Policy

Capacity ratings, features, and specifications vary depending upon the model and type of service. Application approvals must be obtained from Dana TM4; contact your representative for application approval. We reserve the right to change or modify our product specifications, configurations, or dimensions at any time without notice.