

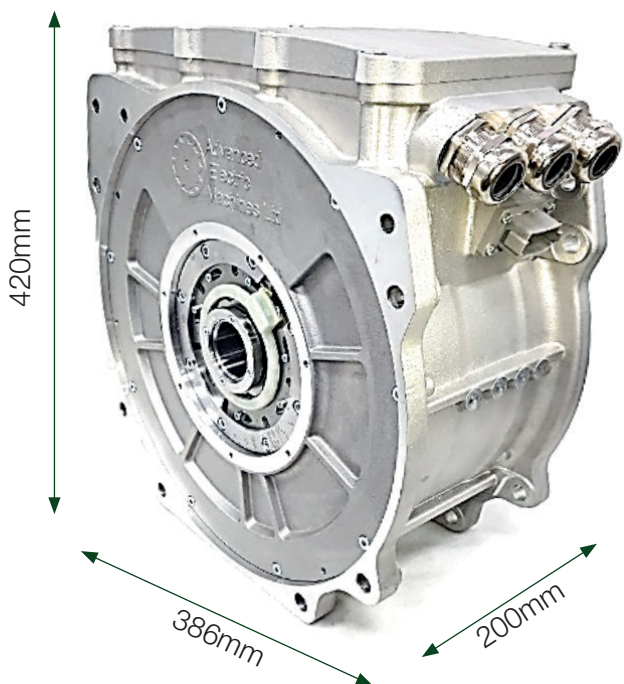
# HDSRM300T

## Highest Torque and Sustainability



<b>No rare earth magnets</b>	Lower cost, improved sustainability and reduced supply risk compared to permanent magnet (PM) motors.
<b>No copper windings</b>	Patented winding technology offering lower mass, with no loss of performance, and a uniquely recyclable solution.
<b>Off-the-shelf power electronics</b>	Unlike conventional SRMs, HDSRM runs with any suitable commercially available 3 phase inverter.
<b>Designed for volume manufacture</b>	Production line established in the North East of England, capable of building 12,000 units per year.
<b>Efficient where it counts</b>	Design optimised to be more efficient than a PM or induction motor at normal commercial vehicle operating points.
<b>Robust and reliable</b>	Built for improved robustness with inherently fewer potential failure modes.
<b>Modular architecture</b>	Up to three HDSRM motors can be combined with custom transmissions to meet differing application requirements.

Parameter	Performance
<b>Torque</b>	>600Nm for 425Arms
<b>Power</b> (Peak/Continuous)	to 160kW @ 700V / to 75kW (65degC inlet)
<b>Efficiency</b>	Peak > 95%
<b>Mass</b>	75kg (dry)



All specifications subject to change without notice.