Logo

Description automatically generated

Tesla Small Front Drive Unit

Icon

Description automatically generated with low confidence

The tesla front drive unit is an extremely compact motor that is able to perform well. These motors come from crashed tesla vehicles and are then refurbished, reprogramed, and fully tested.



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| Features |
| 400Vdc maximum voltage |
| Integrated differential |
| 9.34: 1 gearbox ratio |

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| Integrated water pump |

**Main Specifications**

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| --- | --- |
| Peak Torque | 330Nm |
| Peak Power | 220kW |
| Continuous Power | 90kW |
| Maximum Speed | 18000rpm |
| Weight | 90kg |
| Motor Cooling Medium | Dexron VI |
| Inverter Cooling Medium | 50% E.G. / 50% Water |
| Combined Efficiency | 92% |

**OILING INFORMATION**

**All Tesla Front drive units are shipped filled with oil. Procedures below for reference.**

**Approved Oils**

* Dexron VI ATF(preferred)
* Transynd ATF (Synthetic Formulation of Dexron VI Made by Mobil 1)
* Shell Spirax S6 ATF A295 (made by Shell for ATF Application)
* Lubrizol OS183539V
* BASF (manual transmission fluid)