

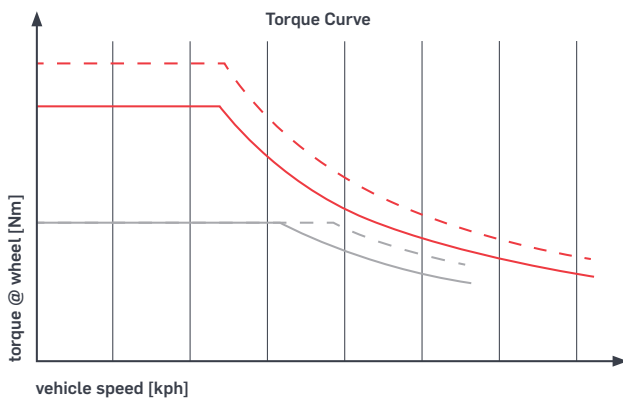
ROTAX®



PROJECT E20

BRING YOUR PASSION. WE'VE GOT THE TECHNOLOGY.

The experience Rotax gained in professional eKart racing and working with the previous "Thunder" eKart over the last years enabled us to make a significant leap forward. Our newly designed high performance eKart E20 ist totally different than the previous model with major advances in all areas. It neither needs to fear a comparison with other eKarts nor karts with combustion engines. The E20 provides an overall performance improvement of approx. 25% as well as a reduction in weight of approx. 7% and a major improvement of weight distribution in comparison to our earlier model Rotax Thunder. With the passion of race in our blood and the future of racing in our minds we keep on staying at the forefront of eDrive technology.



— Torque at wheel max. 190 Nm without boost (fixed ratio)

— E20

- - - E20 Boost

— Thunder

- - - Thunder Boost

| Performance | |
|------------------------------------|---|
| Top speed | 135 km/h |
| Power output of the electric motor | 24 kW |
| Drive time | ca. 11 laps (racing mode, depending on race track) |
| eDrive | |
| Motor | Rotax designed Permanent Magnet Synchronous Motor (PMSM) with integrated transmission |
| Control Unit | Specifically developed VCU (Vehicle Control Unit) |
| Batteries | Lithium-ion batteries incl. BMS (Battery Management System) and IMD (Isolation Monitoring Device) |
| Cooling system | optimised combined air and liquid cooling system |
| System voltage nominal | 350V |
| E-braking / Recuperation | available |
| Boost function | available pre-set by ROTAX, operated by the driver |
| Reverse function | available, operated by the driver |
| Certification | DEKRA |
| Charging | AC / CEE16 |
| Chassis | |
| Supplier/Type | Sodikart / Sodi Sigma DD2 |
| Wheel base | 1040 mm |
| Brakes (hydraulic) | 2 front and one rear brake with adjustable brake bias |