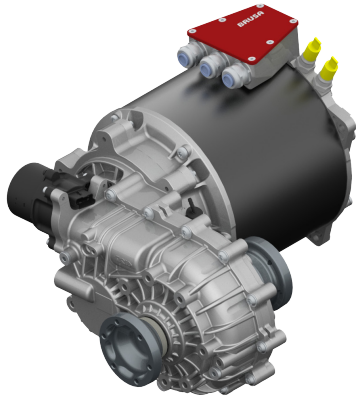




Performance Drivetrain / Single Offset Traction Drive (DTSO1)



Specifications

Type:	Offset Drivetrain (DTSO1)
Power:	up to 150 kW
Drive torque:	up to 270 Nm
Output torque:	up to 2'500 Nm
Gear ratio:	1:9.59
Weight:	51.5 / 23.8 kg (motor / gear)
Dimensions:	456 x 501 x 325 mm (L/W/H)
Functions:	Mechanical differential, optional parking lock
Motor type:	Hybrid Synchronous Motor (HSM1)

Applications & Benefits

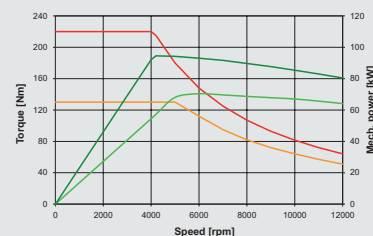
The BRUSA Offset Traction Drive DTSO is a fully integrated electric vehicle drivetrain. Due to its scaleable power (all in the same optimized form factor), it's the perfect fit for passenger cars and light duty vehicles. By applying the drive to front, rear or both axles, powerful yet sophisticated drivetrains can be realized. The inverter safety unit (ISU) accounts for advanced safety requirements.



Possible Configurations

Motor	Inverter	Output Torque	Max. Speed
HSM1-6.17.12 100 kW / 220 Nm	DMC524 100 kW	2100 Nm	12.000 rpm
HSM1-10.18.13 155 kW / 305 Nm (270 Nm limited by gear box)	DMC534 150 kW	2500 Nm (limited by gear box)	13.000 rpm

1 x HSM1-6.17.12 with 1 x DMC524



1 x HSM1-10.18.13 with 1 x DMC534

