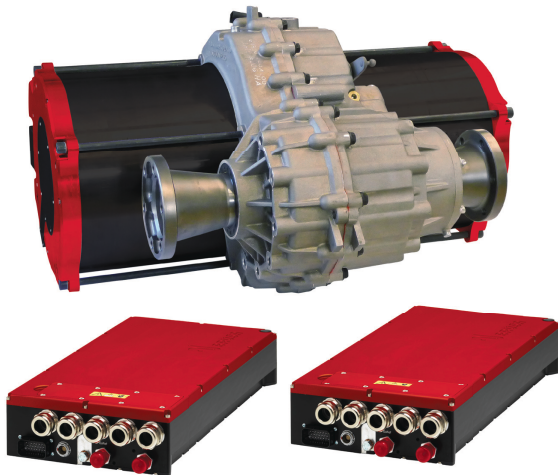




High Performance Drivetrain / Double Traction Drive



Specifications

Type:	DTD01-055-HSM1-10.18.13
Power:	2 x 155 kW up to 2 x 190 kW
Output torque:	2 x 1.680 Nm (with DMC534) 2 x 2.120Nm (with DMC544) 2 x 2.720Nm (with DMC544 + Co)
Gear ratio:	1:5,5
Maximum speed:	13.000 rpm
Weight:	148 kg (motor & gearbox)
Dimensions:	371 x 519 x 639 mm (H/W/L)
Functions:	electronic differential, parking brake, full torque vectoring capability
Safety:	ASIL-C / ASIL-D ready

Applications & Benefits

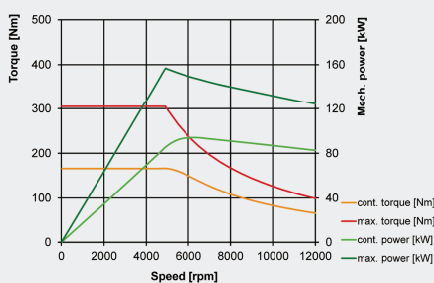
The BRUSA Double Traction Drive (DTD) perfectly suits high performance EV's and race track applications. Since each motor drives one wheel independently of the other, full torque vectoring is feasible. Front, rear or both axles can be equipped with the DTD.

The three different power versions support a broad range of applications. Due to the uniform form factor, variants can be realized by combining different motor and inverter versions, without changing the layout. The inverter safety unit (ISU) provides safety features for the next automotive generation.

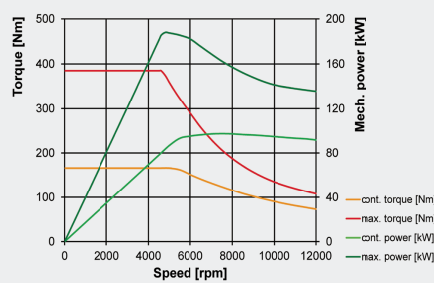


Possible Configurations

2 x HSM1-10.18.13 / 2 x DMC534
310 kW / 2 x 305 Nm



2 x HSM1-10.18.13 / 2 x DMC544
370 kW / 2 x 385 Nm



2 x HSM1-10.18.13-Co / 2 x DMC544
380 kW / 2 x 495 Nm

