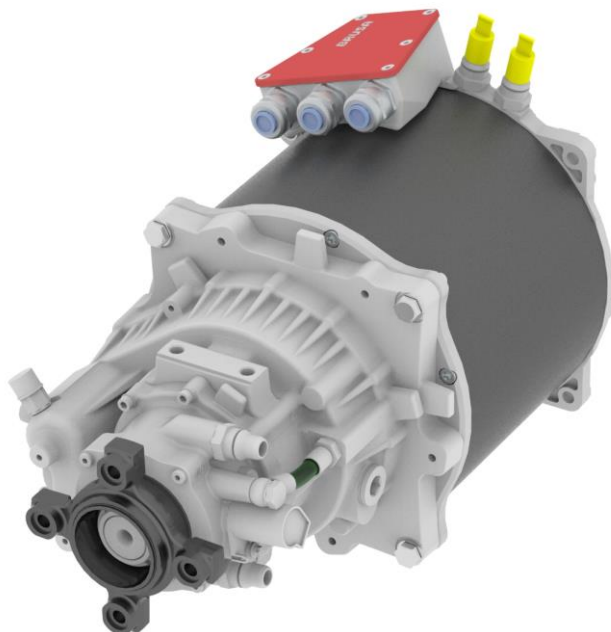
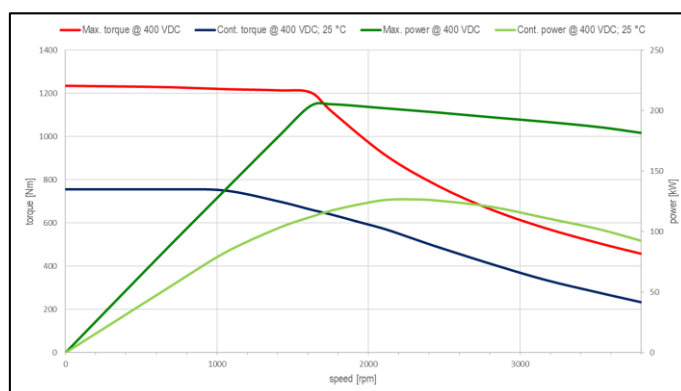


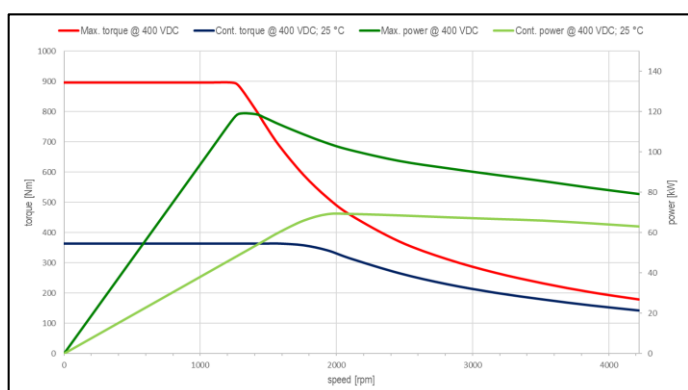
## Single Planetary Traction Drive (DTSP1)



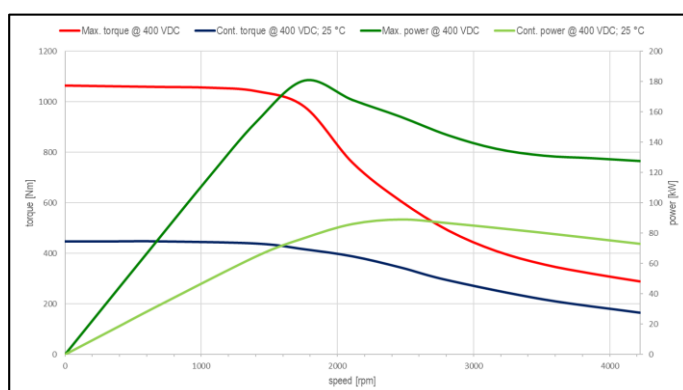
**DTSP1-028-HSM1-10.18.22-A0x**



**DTSP1-028-HSM1-6.17.12-A01**



**DTSP1-028-HSM1-10.18.13-A0x**



## Specifications

### Performance data at 400 V<sub>DC</sub>

	HSM1-6.17.12	HSM1-10.18.13	HSM1-10.18.22	Unit
Inverter current	450	600	600	A <sub>RMS</sub>
Maximum power	118	180	207	kW
Continuous power (according to ECE R85)	73	91.5	133	kW
Max. output speed gear box	4'222	4'222	3800	rpm
Max. continuous output torque (S1; 25 °C)	364	448	756	Nm
Max. output torque	896	1'064	1'235	Nm

### Mechanical data / Cooling system

	HSM1-6.17.12	HSM1-10.18.13	HSM1-10.18.22	Unit
Transmission ratio		1:2.842		--
Weight (dry)	71.1	69.3	92.6	kg
IP protection		IP67		--
Pressure drop at 8 L/min; coolant = 25 °C (motor)	150	225	254	mbar
Pressure drop at 8 L/min; coolant = 25 °C (gear box)		25		mbar
Min. / max. coolant temperature at inlet		-20 / +65		°C
Total length (L)	504	504	592	mm

### Dimensions [mm]

