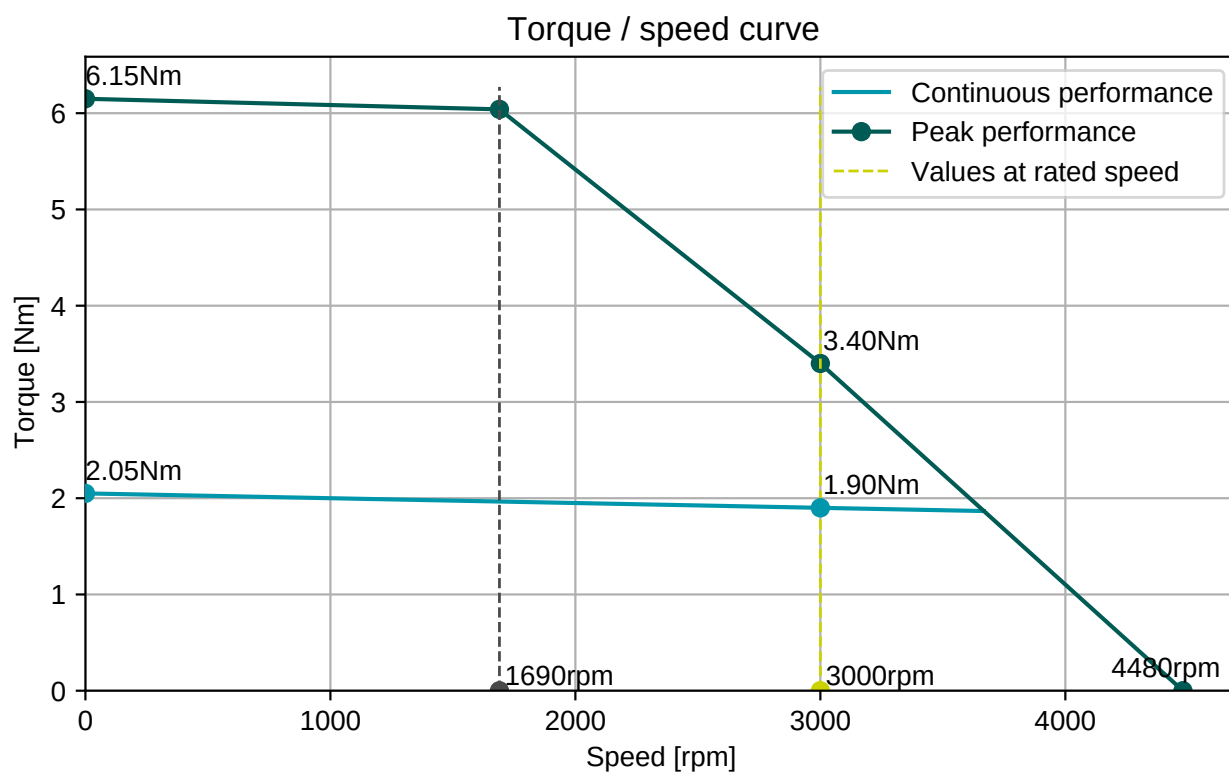


Engineering data (WIN -100098)		Mechanical data (setting 5)	
DC bus voltage	130 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	90 V AC (rms)	Mech. time constant	0.95 ms
Rated voltage	70 V AC (rms)	Thermal time constant	23 min
Rated power	597 W	Rotor inertia	0.55 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	1.90 Nm	Color	RAL 9005
Rated current	6.62 A (rms)	Cooling	Convection
Peak torque	6.15 Nm	Motor-only mass	1.9 kg
Peak current	25.11 A (rms)	Max. axial force 20kh	80 N
Stall torque	2.05 Nm	Max. radial force 20kh	422 N*
Stall current	6.2 A (rms)	Max. axial force 100kh	47 N
No load speed	4480 rpm	Max. radial force 100kh	247 N*
EMF constant ±10%	20 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.33 Nm / A (rms)	Sensors	
Torque constant ±10% @ rated load	0.29 Nm / A (rms)	Temperature	PT1000 {PT1000}
Number of poles	10	Feedback	ELS35-0CA0A024A
Electrical time constant	2.50 ms	Note	
Winding terminal resistance	1.09 Ω	Cables length 1m	
Rotary field terminal inductance	2.72 mH		
Customs info			
HS Code	85015100		


Cable SF4x1,5, D=9,6±0,4mm
Cable R4x2x0,25, D=6,8±0,4mm

Connector 1 (21)	
1	U
2	V
3	W
PE	PE
5	Brake+
6	Brake-

Connector 2

Numbers printed on the cables

