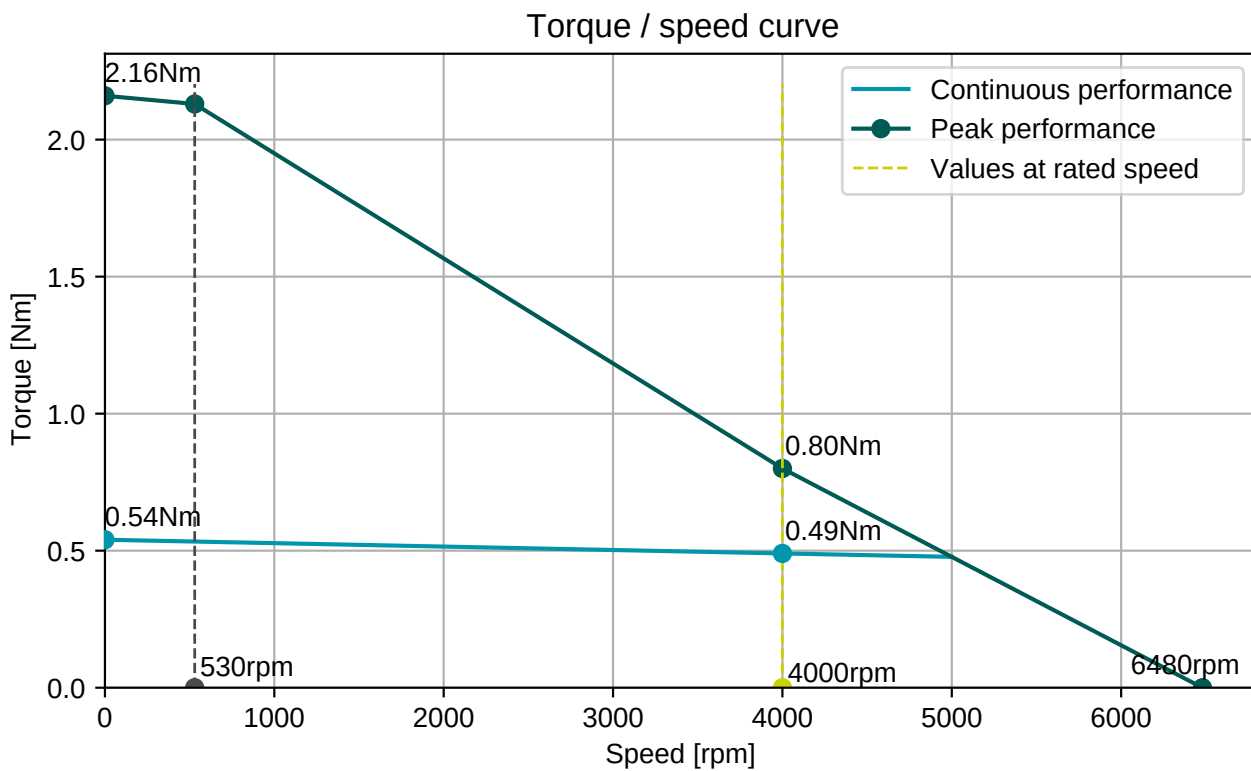


Engineering data (WIN 1615)		Mechanical data (setting 48)	
DC bus voltage	18 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	12 V AC (rms)	Mech. time constant	1.47 ms
Rated voltage	10 V AC (rms)	Thermal time constant	12 min
Rated power	205 W	Rotor inertia	0.07 kgcm ²
Rated speed	4000 rpm	Protection	IP64
Rated torque	0.49 Nm	Color	RAL 9005
Rated current	17.51 A (rms)	Cooling	Convection
Peak torque	2.16 Nm	Motor-only mass	0.9 kg
Peak current	82.5 A (rms)	Max. axial force 20kh	44 N
Stall torque	0.54 Nm	Max. radial force 20kh	231 N*
Stall current	17.9 A (rms)	Max. axial force 100kh	26 N
No load speed	6480 rpm	Max. radial force 100kh	135 N*
EMF constant ±10%	1.82 V AC (rms) / 1000rpm	<i>* Defined for point of action at ½ output shaft length</i>	
Theoretical torque constant ±10%	0.03 Nm / A (rms)		
Torque constant ±10% @ rated load	0.03 Nm / A (rms)		
Number of poles	6	Sensors	
Electrical time constant	1.27 ms	Temperature	PT1000 {PT1000}
Winding terminal resistance	0.11 Ω	Feedback	EEM37 (HDSL) multi-turn, 17+12 bits
Rotary field terminal inductance	0.14 mH	Brake	
Customs info		Braking torque	2.00 Nm
HS Code	85015100	Voltage	24 V DC
		Power @20°C	11.0 W
		Current @20°C	0.46 A
		Inertia	0.08 kgcm ²
		Mass	0.20 kg
		Note	

The winding of the motor has rated current 17.51 A. Power connector is rated only for 14 A. The motor can be operated only with continuous current limited to 14 A in servoamplifier. Otherwise the power connector could be burned.



EGA201N00000800000

M15, 9 poles, rotary



Connector 1 (304)

A	U
B	V
C	W
PE	PE
1	Brake+
2	Brake-
3	+Us/DSL+
4	GND/DSL-

