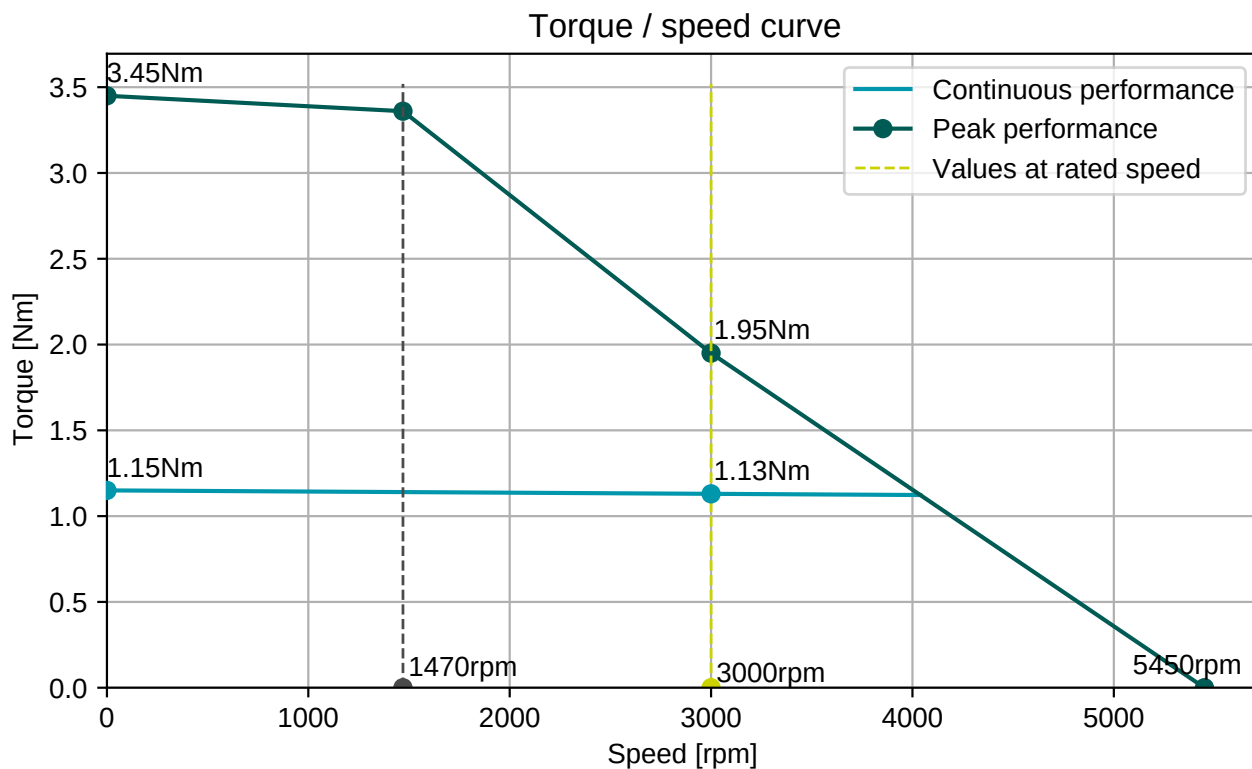


Engineering data (WIN 1166)		Mechanical data (setting 48)	
DC bus voltage	48 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	34 V AC (rms)	Mech. time constant	1.38 ms
Rated voltage	25 V AC (rms)	Thermal time constant	21 min
Rated power	355 W	Rotor inertia	0.31 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	1.13 Nm	Color	RAL 9005
Rated current	12.9 A (rms)	Cooling	Convection
Peak torque	3.45 Nm	Sensors	
Peak current	49.6 A (rms)	Temperature	PT1000 {PT1000}
Stall torque	1.15 Nm	Feedback	EKS36 (HDSL) single-turn, 17 bits
Stall current	11.3 A (rms)	Brake	
No load speed	5450 rpm	Braking torque	4.50 Nm
EMF constant ±10%	6.2 V AC (rms) / 1000rpm	Voltage	24 V DC
Theoretical torque constant ±10%	0.1 Nm / A (rms)	Power @20°C	12.0 W
Torque constant ±10% @ rated load	0.1 Nm / A (rms)	Current @20°C	0.50 A
Number of poles	10	Inertia	0.20 kgcm ²
Electrical time constant	2.22 ms	Mass	0.47 kg
Winding terminal resistance	0.27 Ω	Note	
Rotary field terminal inductance	0.6 mH	The winding of the motor has rated current 12.9 A. Power cable is rated only for 10 A. The motor can be operated only with continuous current limited to 10 A in servoamplifier. Otherwise the power cable could be burned.	
Customs info			
HS Code	85015100		



**Cable DSL4x1,5 (2x0,25)+(2x0,75),
D=12,2±0,4mm**

Connector 1 (306)	
1	U
2	V
3	W
PE	PE
5	Brake+
6	Brake-
brown	+Us/DSL+
white	GND/DSL-

Numbers printed on the cables

