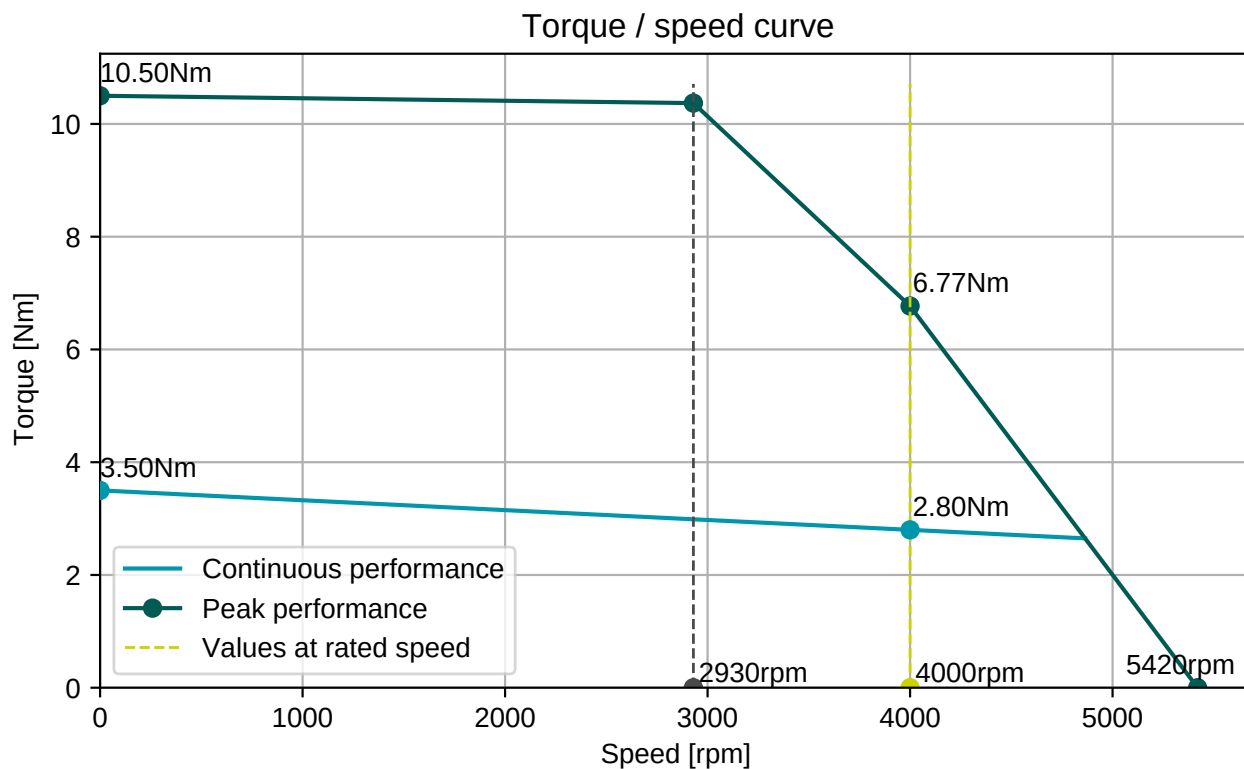


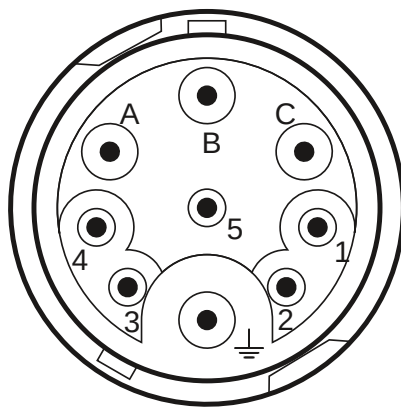
Engineering data (WIN 1082)		Mechanical data (setting 48)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.72 ms
Rated voltage	158 V AC (rms)	Thermal time constant	27 min
Rated power	1.2 kW	Rotor inertia	1.04 kgcm ²
Rated speed	4000 rpm	Protection	IP64
Rated torque	2.80 Nm	Color	RAL 9005
Rated current	5.21 A (rms)	Cooling	Convection
Peak torque	10.5 Nm	Max. axial force 20kh	68 N
Peak current	18.9 A (rms)	Max. radial force 20kh	357 N*
Stall torque	3.5 Nm	Max. axial force 100kh	40 N
Stall current	5.2 A (rms)	Max. radial force 100kh	209 N*
No load speed	5420 rpm	<i>* Defined for point of action at ½ output shaft length</i>	
EMF constant ±10%	40.5 V AC (rms) / 1000rpm		
Theoretical torque constant ±10%	0.67 Nm / A (rms)		
Torque constant ±10% @ rated load	0.54 Nm / A (rms)		
Number of poles	10		
Electrical time constant	2.89 ms		
Winding terminal resistance	1.8 Ω		
Rotary field terminal inductance	5.2 mH		

Customs info	
HS Code	85015220

Sensors	
Temperature	PT1000 {PT1000}
Feedback	EKM36 (HDSL) multi-turn, 17 + 12 bits


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-

