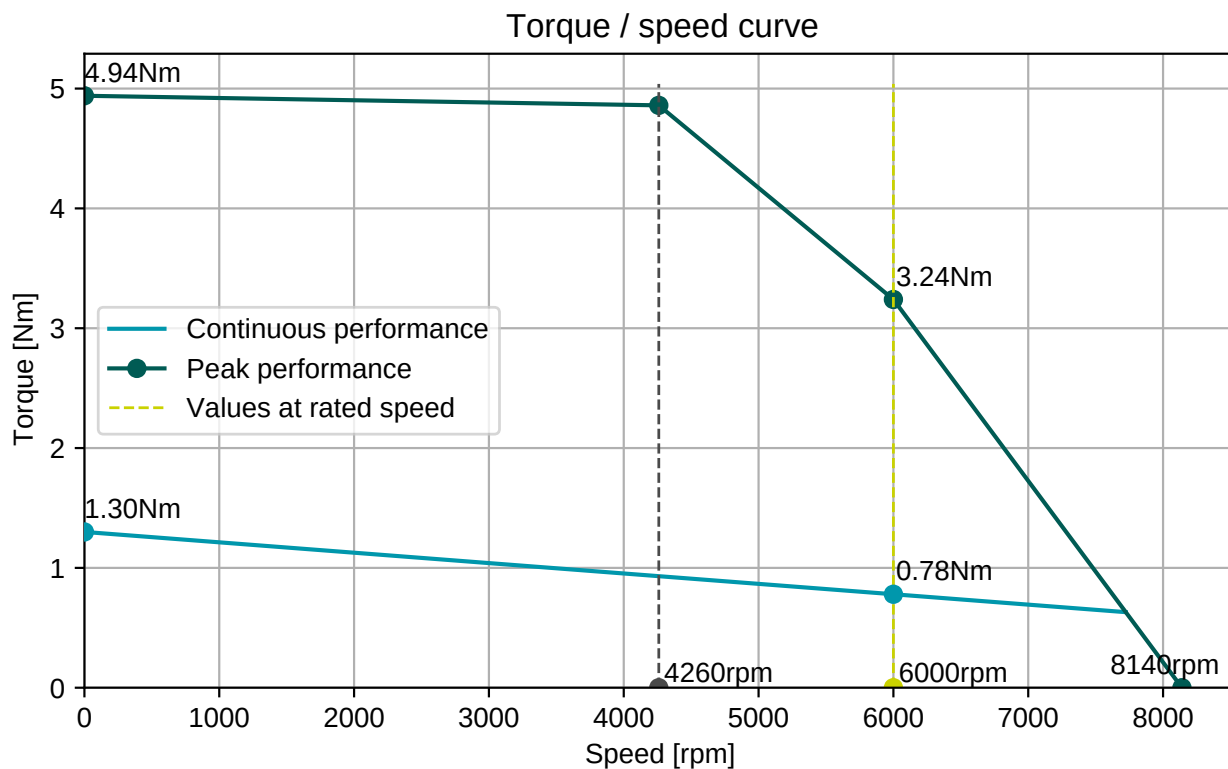
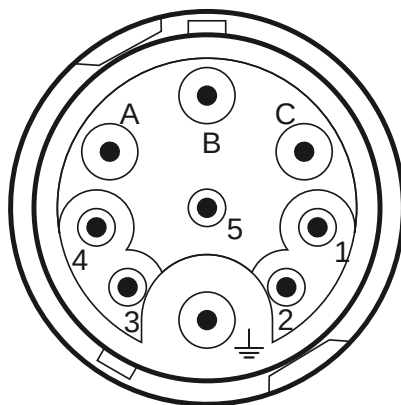


Engineering data (WIN 1270)		Mechanical data (setting 48)	
DC bus voltage	560 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	1.53 ms
Rated voltage	276 V AC (rms)	Thermal time constant	24 min
Rated power	490 W	Rotor inertia	0.5 kgcm ²
Rated speed	6000 rpm	Protection	IP64
Rated torque	0.78 Nm	Color	RAL 9005
Rated current	1.27 A (rms)	Cooling	Convection
Peak torque	4.94 Nm	Motor-only mass	1.6 kg
Peak current	8.33 A (rms)	Max. axial force 20kh	45 N
Stall torque	1.3 Nm	Max. radial force 20kh	237 N*
Stall current	1.77 A (rms)	Max. axial force 100kh	26 N
No load speed	8140 rpm	Max. radial force 100kh	139 N*
EMF constant ±10%	44.5 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.734 Nm / A (rms)		
Torque constant ±10% @ rated load	0.614 Nm / A (rms)		
Number of poles	10	Sensors	
Electrical time constant	1.44 ms	Temperature	PT1000 {PT1000}
Winding terminal resistance	9.598 Ω	Feedback	EDM35 (HDSL) multi-turn, 20+12 bits
Rotary field terminal inductance	13.8 mH	Brake	
Customs info		Braking torque	4.50 Nm
HS Code	85015100	Voltage	24 V DC
		Power @20°C	12.0 W
		Current @20°C	0.50 A
		Inertia	0.20 kgcm ²
		Mass	0.47 kg


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-

