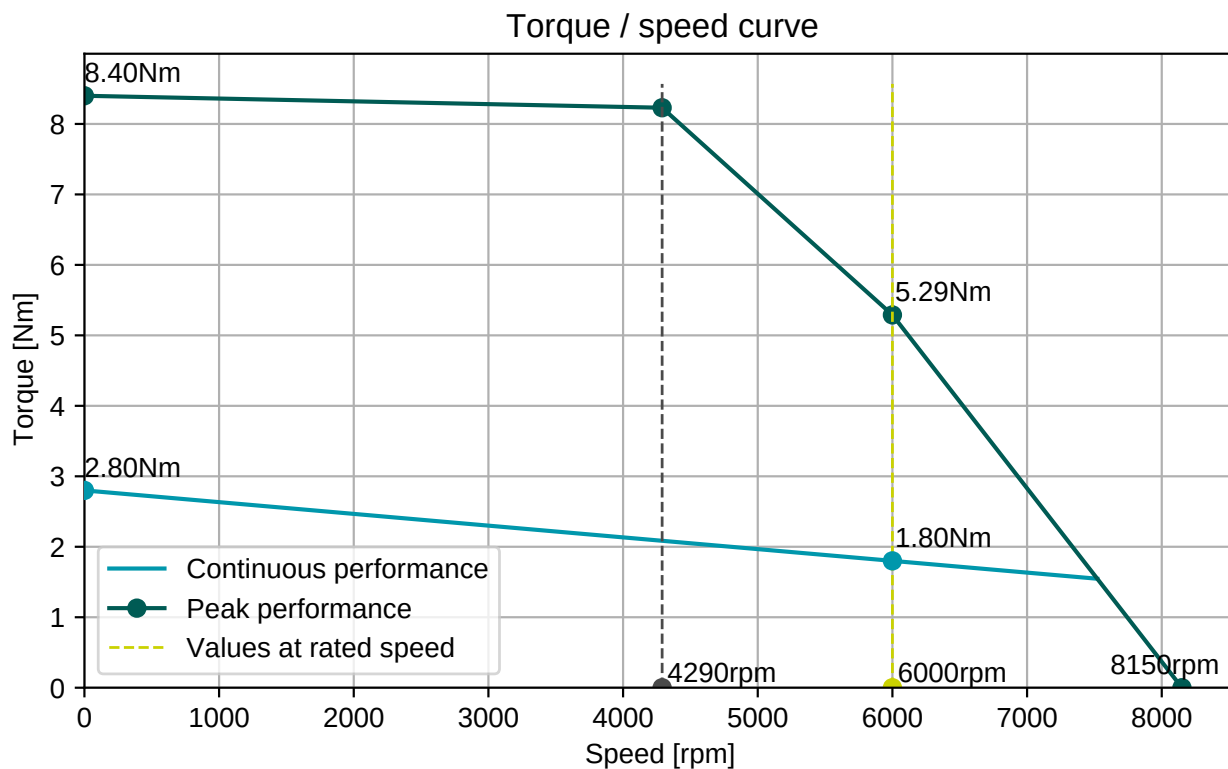


Engineering data (WIN 1630)		Mechanical data (setting 48)	
DC bus voltage	560 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.82 ms
Rated voltage	279 V AC (rms)	Thermal time constant	25 min
Rated power	1.1 kW	Rotor inertia	0.8 kgcm²
Rated speed	6000 rpm	Protection	IP64
Rated torque	1.80 Nm	Color	RAL 9005
Rated current	2.79 A (rms)	Cooling	Convection
Peak torque	8.4 Nm	Motor-only mass	2.5 kg
Peak current	14.1 A (rms)	Max. axial force 20kh	49 N
Stall torque	2.8 Nm	Max. radial force 20kh	260 N*
Stall current	3.64 A (rms)	Max. axial force 100kh	29 N
No load speed	8150 rpm	Max. radial force 100kh	152 N*
EMF constant ±10%	46.5 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.769 Nm / A (rms)		
Torque constant ±10% @ rated load	0.645 Nm / A (rms)	Sensors	
Number of poles	10	Temperature	PT1000 {PT1000}
Electrical time constant	2.53 ms	Feedback	EKM36 (HDSL) multi-turn, 17 + 12 bits
Winding terminal resistance	3.48 Ω		
Rotary field terminal inductance	8.8 mH		

Customs info	
HS Code	85015220


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-

