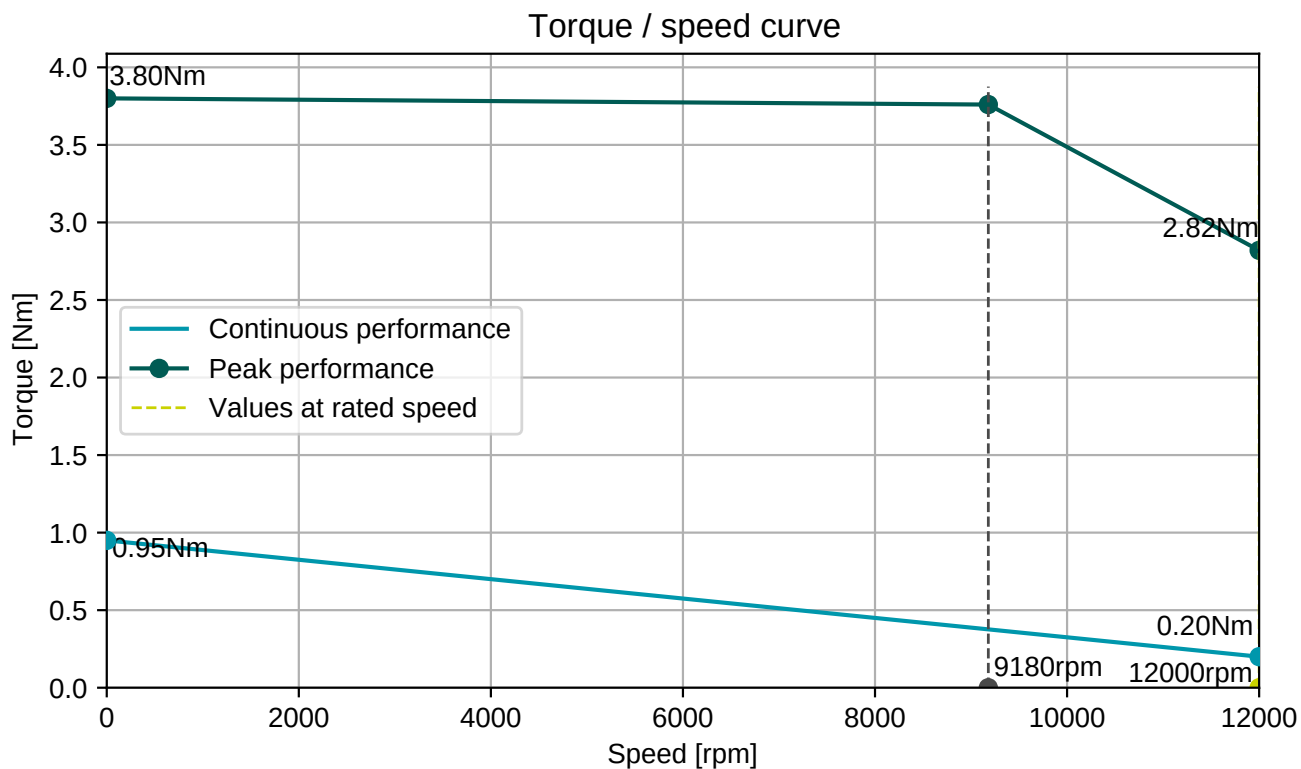
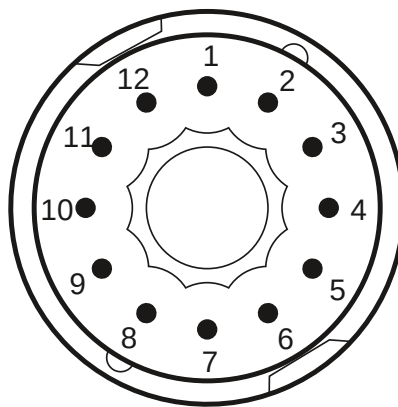
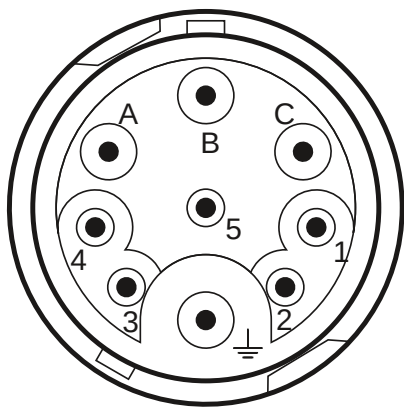


Engineering data (WIN 1544)		Mechanical data (setting 29)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	220 V AC (rms)	Mech. time constant	0.98 ms
Rated voltage	135 V AC (rms)	Thermal time constant	18 min
Rated power	251 W	Rotor inertia	0.11 kgcm ²
Rated speed	12000 rpm	Protection	IP54
Rated torque	0.20 Nm	Color	RAL 9005
Rated current	1.34 A (rms)	Cooling	Convection
Peak torque	3.8 Nm	Motor-only mass	1.7 kg
Peak current	24 A (rms)	Max. axial force 20kh	30 N
Stall torque	0.95 Nm	Max. radial force 20kh	160 N*
Stall current	5.2 A (rms)	Max. axial force 100kh	18 N
No load speed	19940 rpm	Max. radial force 100kh	94 N*
EMF constant ±10%	11 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.182 Nm / A (rms)	Sensors	
Torque constant ±10% @ rated load	0.149 Nm / A (rms)	Temperature	PT1000 {PT1000}
Number of poles	6	Feedback	ECI1119 (EnDat 2.2) single-turn, 19 bits
Electrical time constant	1.36 ms	Brake	
Winding terminal resistance	1.71 Ω	Braking torque	2.00 Nm
Rotary field terminal inductance	2.32 mH	Voltage	24 V DC
Customs info		Power @20°C	11.0 W
HS Code	85015100	Current @20°C	0.46 A
		Inertia	0.08 kgcm ²
		Mass	0.20 kg



EGA101N00000001000
 2x M15, 9 and 12 poles rotary



Connector 1 (226)

A	U
B	V
C	W
PE	PE
1	Brake+
2	Brake-

Connector 2 (505)

1	Vcc (+5V)
2	GND
3	DATA
4	DATA-
5	CLOCK
6	CLOCK-
7	Therm+
8	Therm-
9	Vcc sensor
10	GND sensor

