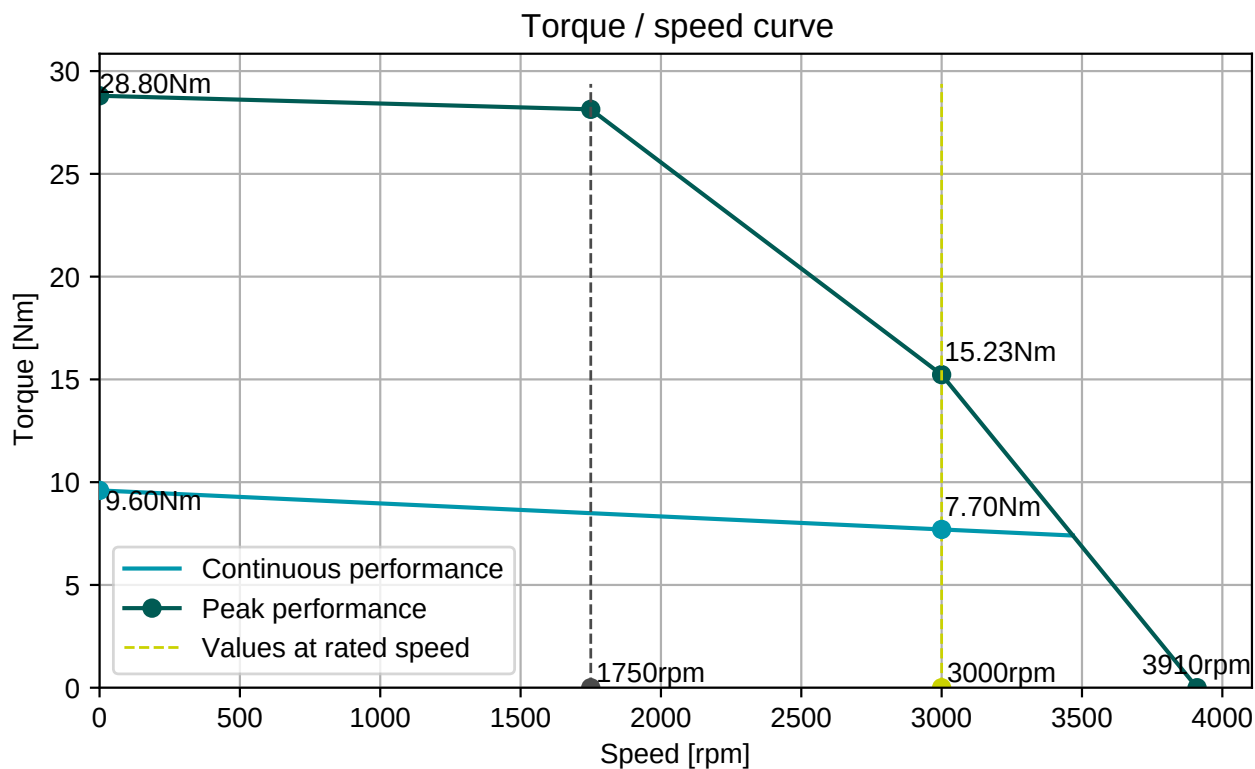
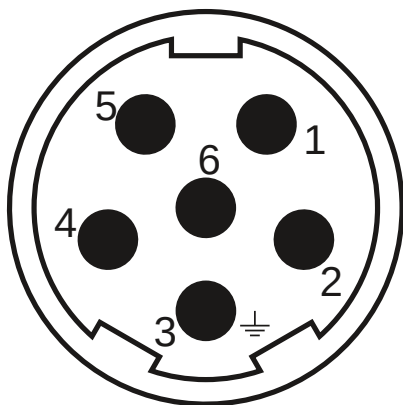


Engineering data (WIN 713)		Mechanical data (setting 30)	
DC bus voltage	560 V DC	Max mechanical speed	9000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.60 ms
Rated voltage	289 V AC (rms)	Thermal time constant	35 min
Rated power	2.4 kW	Rotor inertia	4.49 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	7.70 Nm	Color	RAL 9005
Rated current	6.03 A (rms)	Cooling	Convection
Peak torque	28.8 Nm	Motor-only mass	6.4 kg
Peak current	27.4 A (rms)	Max. axial force 20kh	131 N
Stall torque	9.6 Nm	Max. radial force 20kh	689 N*
Stall current	6 A (rms)	Max. axial force 100kh	77 N
No load speed	3910 rpm	Max. radial force 100kh	403 N*
EMF constant ±10%	97 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	1.6 Nm / A (rms)	Sensors	
Torque constant ±10% @ rated load	1.3 Nm / A (rms)	Temperature	KTY 84-130 {KTY 84-130 Reissmann}
Number of poles	10	Feedback	EQN1325 (EnDat 2.1) 2048 imp/rev., 1 Vpp
Electrical time constant	6.01 ms	Brake	
Winding terminal resistance	1.98 Ω	Braking torque	9.00 Nm
Rotary field terminal inductance	11.9 mH	Voltage	24 V DC
Customs info		Power @20°C	18.0 W
HS Code	85015220	Current @20°C	0.75 A
		Inertia	0.60 kgcm ²
		Mass	0.82 kg



BGC106N00001216000

M23, 6 poles, rotary

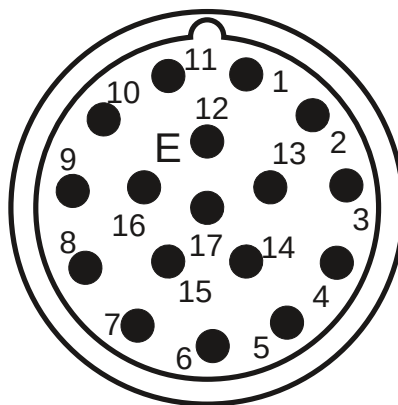


Connector 1 (62)

1	U
2	V
3	PE
4	Brake+
5	Brake-
6	W

AGC113N00001215000

M23, 17 poles, rotary



Connector 2 (120)

1/2	A+/A-
11/12	B+/B-
3/13	Data+/Data-
5/14	Clock+/Clock-
10	+5V
7	GND
16	+5Vsensor
15	GNDsensor
8	Therm+
9	Therm-

