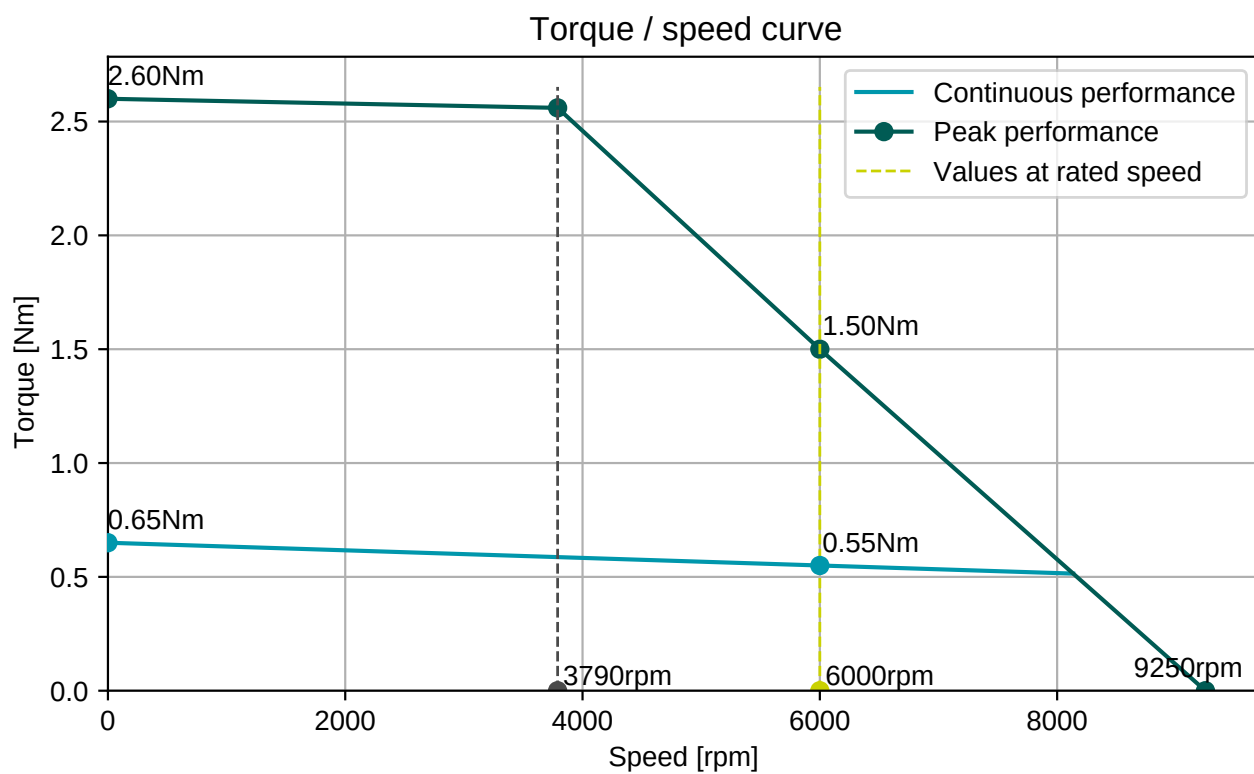
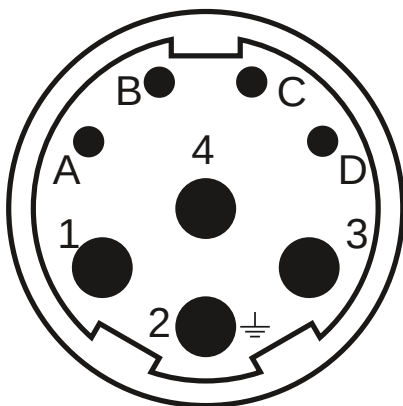


Engineering data (WIN 1696)		Mechanical data (setting 29)	
DC bus voltage	48 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	30 V AC (rms)	Mech. time constant	6.50 ms
Rated voltage	23 V AC (rms)	Thermal time constant	25 min
Rated power	346 W	Rotor inertia	0.5 kgcm ²
Rated speed	6000 rpm	Protection	IP64
Rated torque	0.55 Nm	Color	RAL 9005
Rated current	11.1 A (rms)	Cooling	Convection
Peak torque	2.6 Nm	Motor-only mass	3.5 kg
Peak current	52.5 A (rms)	Sensors	
Stall torque	0.65 Nm	Temperature	PT1000 {PT1000}
Stall current	12.2 A (rms)	Feedback 1	DFS60B, 1024 imp./rev.
No load speed	9250 rpm	Feedback 2	ECN1325 (EnDat3) single-turn, 25 bits/rev.
EMF constant ±10%	3.22 V AC (rms) / 1000rpm		
Theoretical torque constant ±10%	0.053 Nm / A (rms)		
Torque constant ±10% @ rated load	0.050 Nm / A (rms)		
Number of poles	6		
Electrical time constant	1.17 ms		
Winding terminal resistance	0.213 Ω		
Rotary field terminal inductance	0.25 mH		
Certifications & customs info			
HS Code	85015100		
UL isolation	Certified		



BGC110N00001216000

M23, 8 poles, rotary

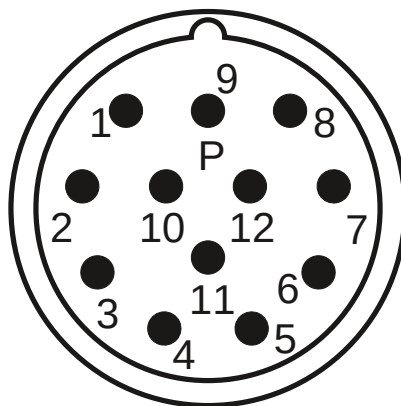


Connector 1 (9)

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

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M23, 12 poles, rotary

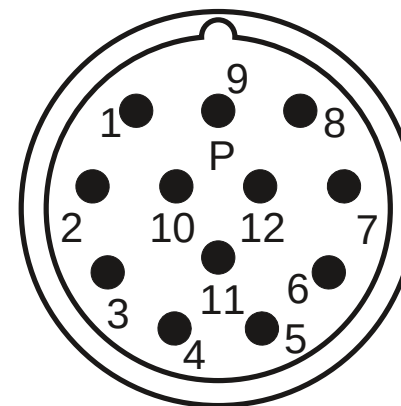


Connector 2 (525)

6	A-
5	A
1	B-
8	B
4	Z-
3	Z
10	GND
12	+Us

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M23, 12 poles, rotary



Connector 3 (526)

1	P_SD+
2	P_SD-
7	Therm+
8	Therm-

