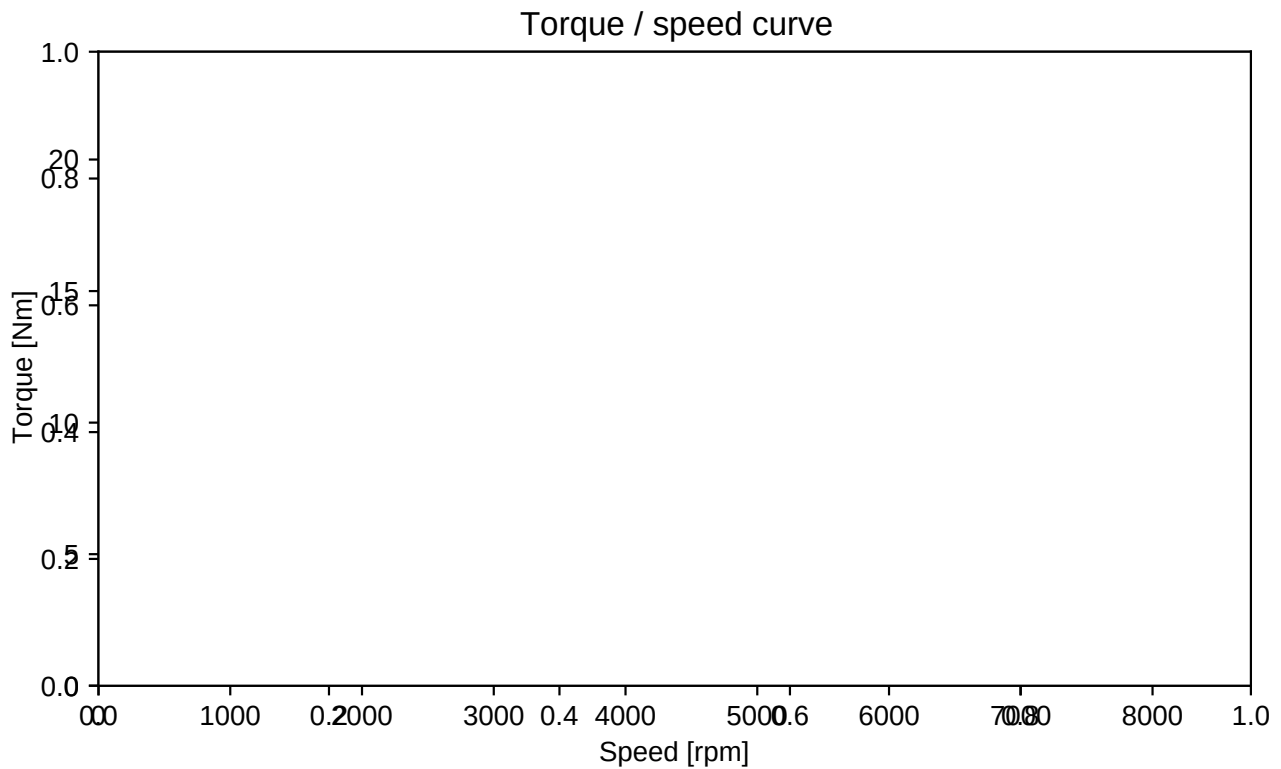


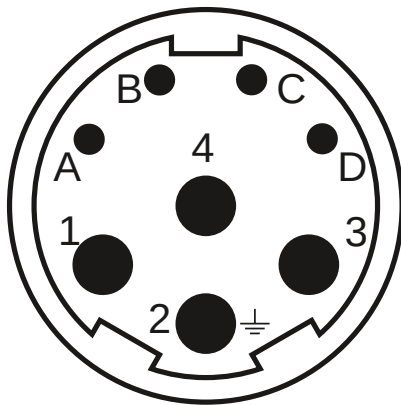
Engineering data (WIN 799)		Mechanical data (setting 5)	
DC bus voltage	560 V DC	Max mechanical speed	9000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	0.63 ms
Rated voltage	255 V AC (rms)	Thermal time constant	30 min
Rated power	3.0 kW	Rotor inertia	3.26 kgcm²
Rated speed	6000 rpm	Protection	IP64
Rated torque	4.80 Nm	Color	RAL 9005
Rated current	8.76 A (rms)	Cooling	Convection
Peak torque	22.5 Nm	Motor-only mass	4.5 kg
Peak current	42.7 A (rms)	Max. axial force 20kh	99 N
Stall torque	7.5 Nm	Max. radial force 20kh	519 N*
Stall current	10 A (rms)	Max. axial force 100kh	58 N
No load speed	8330 rpm	Max. radial force 100kh	303 N*
EMF constant ±10%	45.5 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.75 Nm / A (rms)		
Torque constant ±10% @ rated load	0.55 Nm / A (rms)	Sensors	
Number of poles	10	Temperature	PT1000 {PT1000}
Electrical time constant	5.81 ms	Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)
Winding terminal resistance	0.63 Ω		
Rotary field terminal inductance	3.66 mH		

Customs info	
HS Code	85015220



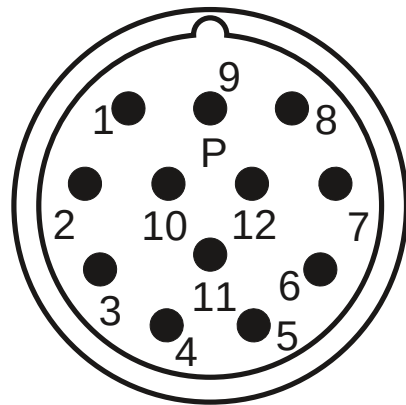
BGC110N00001216000

M23, 8 poles, rotary



AGC052N00001215000

M23, 12 poles, rotary



Connector 1 (9)

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

Connector 2 (10)

2	Therm+
3	S4
4	S3
5	R2
6	Therm-
7	S2
8	S1
9	R1

