

Engineering data (WIN 776)

DC bus voltage	560 V DC
Nominal AC voltage	380 V AC (rms)
Rated voltage	207 V AC (rms)
Rated power	226 W
Rated speed	4500 rpm
Rated torque	0.48 Nm
Rated current	0.9 A (rms)
Peak torque	2.16 Nm
Peak current	4.3 A (rms)
Stall torque	0.54 Nm
Stall current	0.93 A (rms)
No load speed	10710 rpm
EMF constant ±10%	35 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.58 Nm / A (rms)
Torque constant ±10% @ rated load	0.53 Nm / A (rms)
Number of poles	6
Electrical time constant	1.25 ms
Winding terminal resistance	41.1 Ω
Rotary field terminal inductance	51.2 mH

Customs info

HS Code	85015100
---------	----------

Mechanical data (setting 5)

Max mechanical speed	12000 rpm
Mech. time constant	1.49 ms
Thermal time constant	12 min
Rotor inertia	0.07 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Motor-only mass	1.37 kg
Max. axial force 20kh	42 N
Max. radial force 20kh	222 N*
Max. axial force 100kh	25 N
Max. radial force 100kh	130 N*

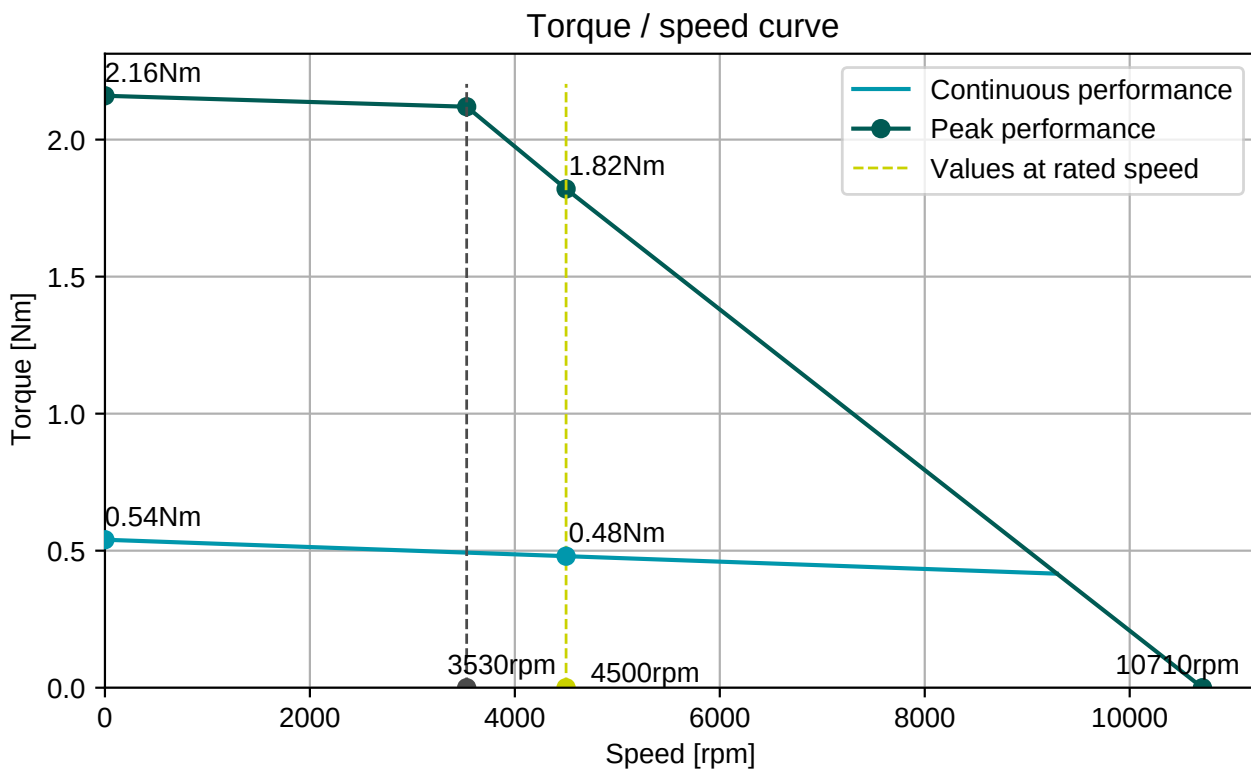
* Defined for point of action at ½ output shaft length

Sensors

Temperature	PT1000 {PT1000}
Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)

Brake

Braking torque	2.00 Nm
Voltage	24 V DC
Power @20°C	11.0 W
Current @20°C	0.46 A
Inertia	0.08 kgcm ²
Mass	0.20 kg


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

