

Engineering data (WIN 711)

DC bus voltage	560 V DC
Nominal AC voltage	380 V AC (rms)
Rated voltage	277 V AC (rms)
Rated power	1.9 kW
Rated speed	3000 rpm
Rated torque	6.10 Nm
Rated current	5.14 A (rms)
Peak torque	22.5 Nm
Peak current	23.8 A (rms)
Stall torque	7.5 Nm
Stall current	5.2 A (rms)
No load speed	4350 rpm
EMF constant ±10%	87 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	1.44 Nm / A (rms)
Torque constant ±10% @ rated load	1.19 Nm / A (rms)
Number of poles	10
Electrical time constant	5.90 ms
Winding terminal resistance	2.29 Ω
Rotary field terminal inductance	13.5 mH

Customs info

HS Code	85015220
---------	----------

Mechanical data (setting 48)

Max mechanical speed	9000 rpm
Mech. time constant	0.62 ms
Thermal time constant	30 min
Rotor inertia	3.26 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Motor-only mass	4.7 kg
Max. axial force 20kh	125 N
Max. radial force 20kh	660 N*
Max. axial force 100kh	73 N
Max. radial force 100kh	386 N*

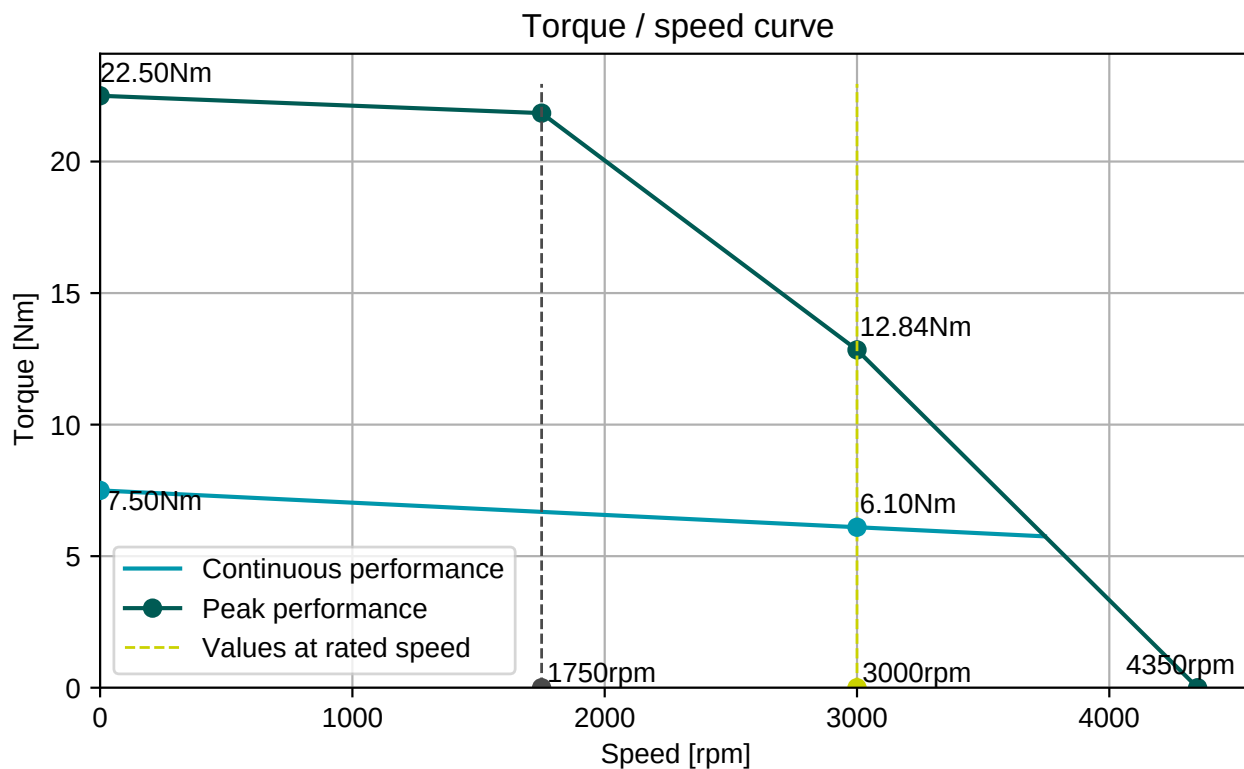
* Defined for point of action at ½ output shaft length

Sensors

Temperature	PT1000 {PT1000}
Feedback	EKS36 (HDSL) single-turn, 18 bits, SIL2

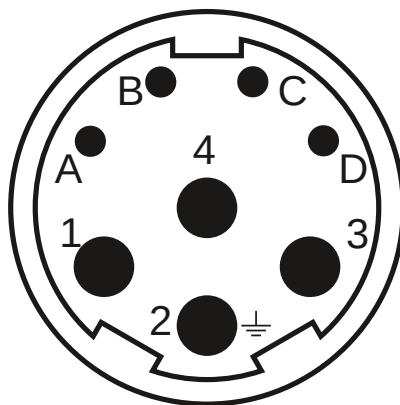
Brake

Braking torque	9.00 Nm
Voltage	24 V DC
Power @20°C	18.0 W
Current @20°C	0.75 A
Inertia	0.60 kgcm ²
Mass	0.82 kg



BGC110N00001216000

M23, 8 poles, rotary



Connector 1 (283)

1	U
4	V
3	W
2	PE
A	Brake+
B	Brake-
C	GND/DSL-
D	+Us/DSL+

