

Engineering data (WIN 1214)

DC bus voltage	560 V DC
Nominal AC voltage	380 V AC (rms)
Rated voltage	288 V AC (rms)
Rated power	2.4 kW
Rated speed	1000 rpm
Rated torque	23.00 Nm
Rated current	5.83 A (rms)
Peak torque	72 Nm
Peak current	19.1 A (rms)
Stall torque	24 Nm
Stall current	5.6 A (rms)
No load speed	1450 rpm
EMF constant ±10%	261 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	4.317 Nm / A (rms)
Torque constant ±10% @ rated load	3.945 Nm / A (rms)
Number of poles	10
Electrical time constant	8.98 ms
Winding terminal resistance	3.486 Ω
Rotary field terminal inductance	31.3 mH

Customs info

HS Code	85015220
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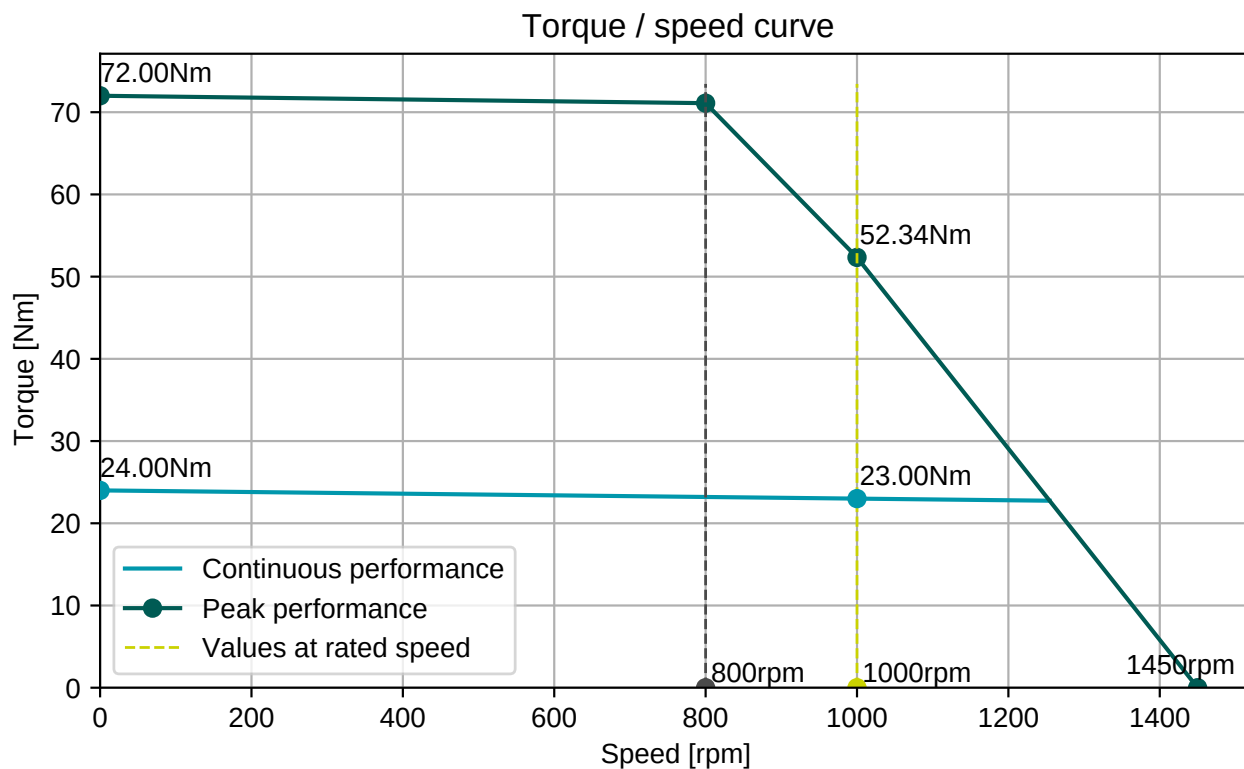
Mechanical data (setting 48)

Max mechanical speed	9000 rpm
Mech. time constant	0.61 ms
Thermal time constant	75 min
Rotor inertia	18.7 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Max. axial force 20kh	211 N
Max. radial force 20kh	1110 N*
Max. axial force 100kh	123 N
Max. radial force 100kh	649 N*

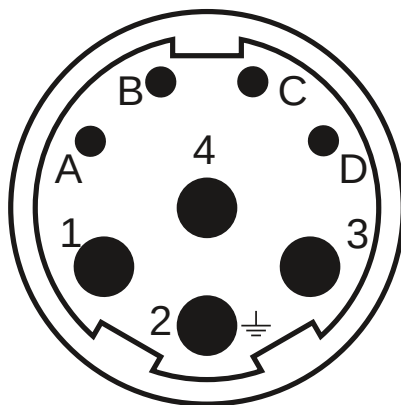
* Defined for point of action at ½ output shaft length

Sensors

Temperature	PT1000 {PT1000}
Feedback	EKS36 (HDSL) single-turn, 17 bits


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+

