

Engineering data (WIN 854)

DC bus voltage	560 V DC
Nominal AC voltage	380 V AC (rms)
Rated voltage	289 V AC (rms)
Rated power	2.4 kW
Rated speed	1500 rpm
Rated torque	15.00 Nm
Rated current	5.66 A (rms)
Peak torque	48 Nm
Peak current	19.7 A (rms)
Stall torque	16 Nm
Stall current	5.6 A (rms)
No load speed	2190 rpm
EMF constant ±10%	173 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	2.86 Nm / A (rms)
Torque constant ±10% @ rated load	2.65 Nm / A (rms)
Number of poles	10
Electrical time constant	8.60 ms
Winding terminal resistance	2.85 Ω
Rotary field terminal inductance	24.5 mH

Customs info

HS Code	85015220
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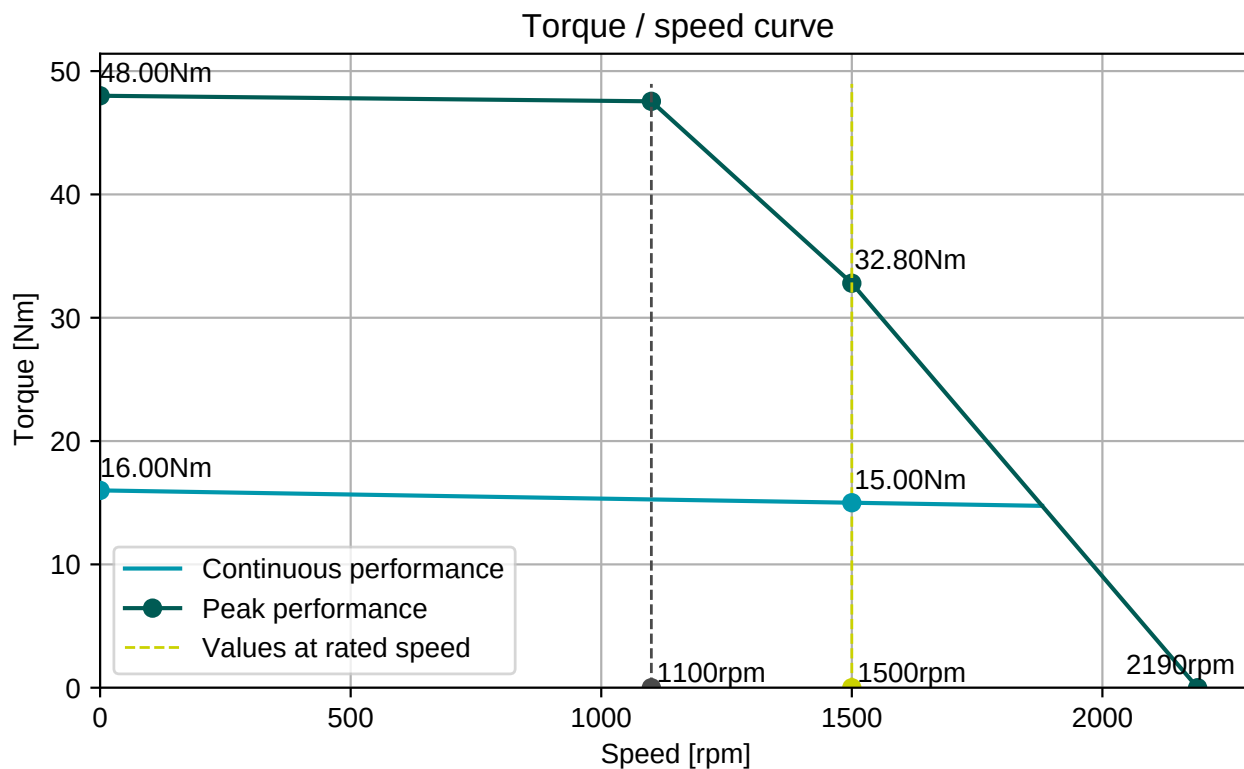
Mechanical data (setting 48)

Max mechanical speed	9000 rpm
Mech. time constant	0.69 ms
Thermal time constant	55 min
Rotor inertia	11.5 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Max. axial force 20kh	171 N
Max. radial force 20kh	899 N*
Max. axial force 100kh	100 N
Max. radial force 100kh	526 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+

