

Engineering data (WIN 1613)

DC bus voltage	560 V DC
Nominal AC voltage	380 V AC (rms)
Rated voltage	191 V AC (rms)
Rated power	555 W
Rated speed	100 rpm
Rated torque	53.00 Nm
Rated current	2.61 A (rms)
Peak torque	163.5 Nm
Peak current	9.4 A (rms)
Stall torque	54.5 Nm
Stall current	2.61 A (rms)
No load speed	300 rpm
EMF constant ±10%	1263 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	20.89 Nm / A (rms)
Torque constant ±10% @ rated load	20.31 Nm / A (rms)
Number of poles	38
Electrical time constant	3.27 ms
Winding terminal resistance	19.776 Ω
Rotary field terminal inductance	64.6 mH

Customs info

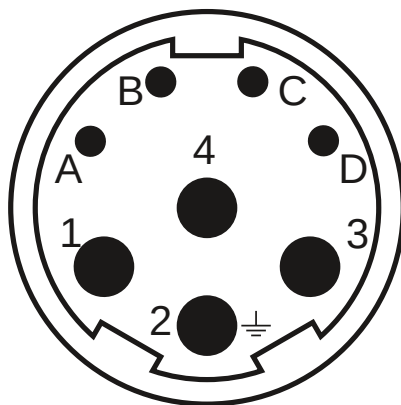
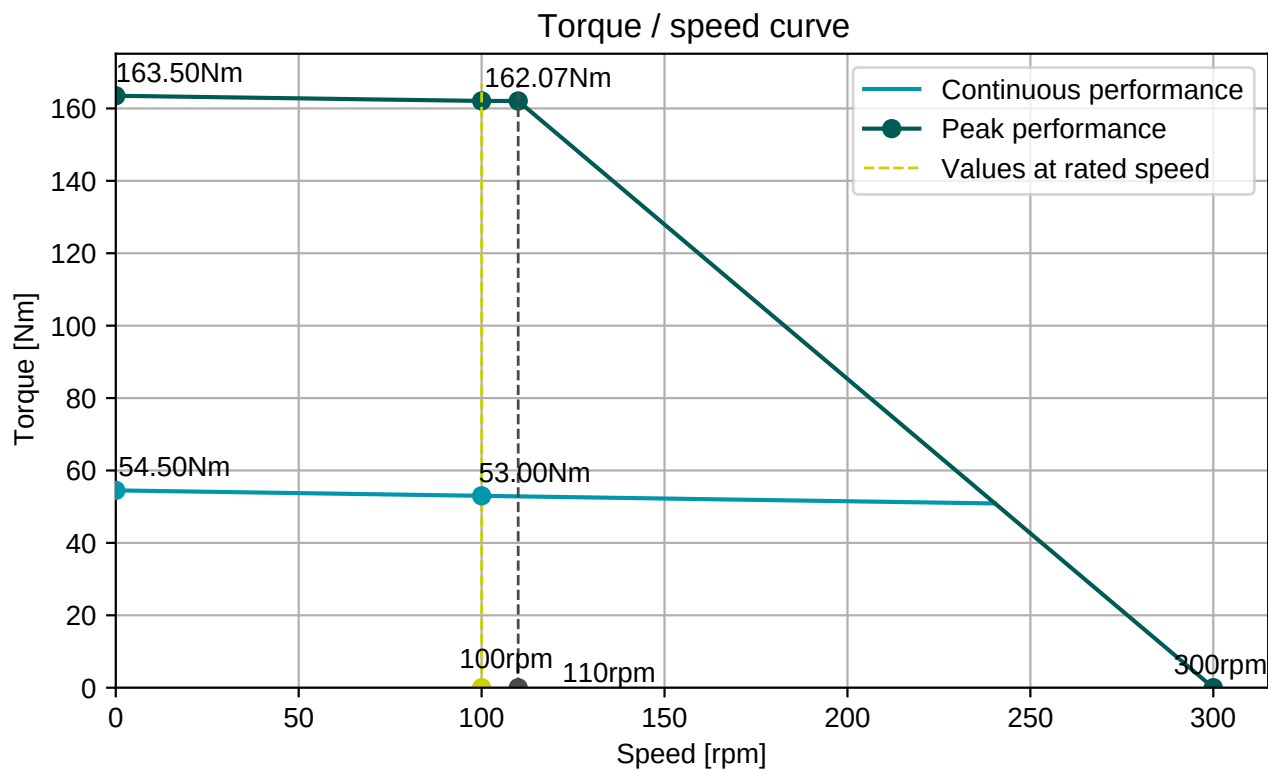
HS Code	85015100
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Mechanical data (setting 48)

Max mechanical speed	12000 rpm
Mech. time constant	1.26 ms
Thermal time constant	61 min
Rotor inertia	161 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection

Sensors

Temperature	PT1000 {PT1000}
Feedback	EDS35 (HDSL) single-turn, 24 bits


Connector 1 (283)

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

