

Engineering data (WIN -100104)

DC bus voltage	560 V DC
Nominal AC voltage	380 V AC (rms)
Rated voltage	301 V AC (rms)
Rated power	1.6 kW
Rated speed	200 rpm
Rated torque	75.40 Nm
Rated current	3.84 A (rms)
Peak torque	243 Nm
Peak current	14.36 A (rms)
Stall torque	81 Nm
Stall current	4 A (rms)
No load speed	310 rpm
EMF constant ±10%	1224 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	20.24 Nm / A (rms)
Torque constant ±10% @ rated load	19.64 Nm / A (rms)
Number of poles	38
Electrical time constant	3.72 ms
Winding terminal resistance	10.87 Ω
Rotary field terminal inductance	40.4 mH

Customs info

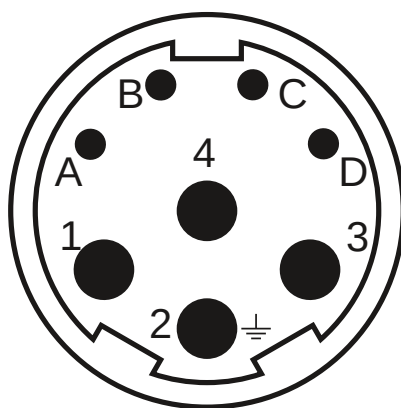
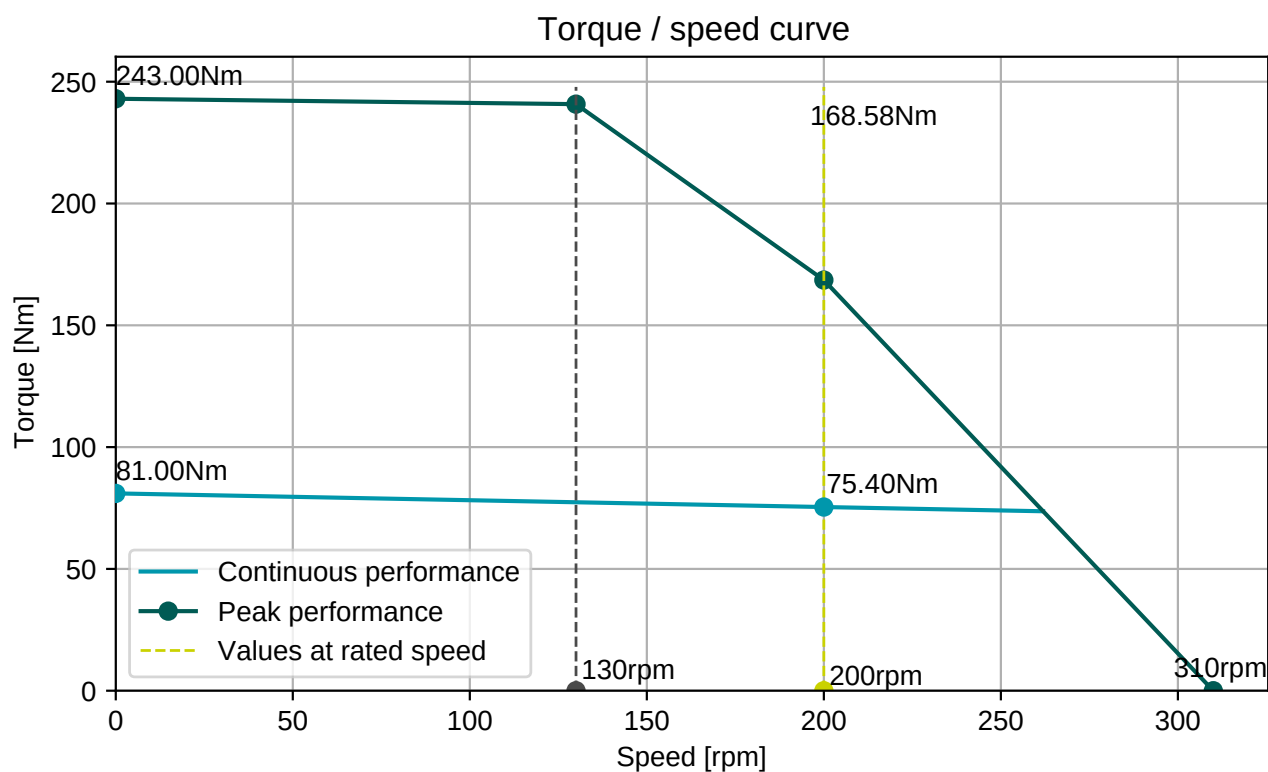
HS Code	85015220
---------	----------

Mechanical data (setting 48)

Max mechanical speed	4000 rpm
Mech. time constant	1.06 ms
Thermal time constant	71 min
Rotor inertia	230 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+

