

Engineering data (WIN -304)

DC bus voltage	320 V DC
Nominal AC voltage	220 V AC (rms)
Rated voltage	202 V AC (rms)
Rated power	3.5 kW
Rated speed	1000 rpm
Rated torque	33.00 Nm
Rated current	11.24 A (rms)
Peak torque	168 Nm
Peak current	66.49 A (rms)
Stall torque	42 Nm
Stall current	13.65 A (rms)
No load speed	1180 rpm
EMF constant ±10%	186 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	3.08 Nm / A (rms)
Torque constant ±10% @ rated load	2.94 Nm / A (rms)
Number of poles	22
Electrical time constant	5.04 ms
Winding terminal resistance	0.73 Ω
Rotary field terminal inductance	3.68 mH

Customs info

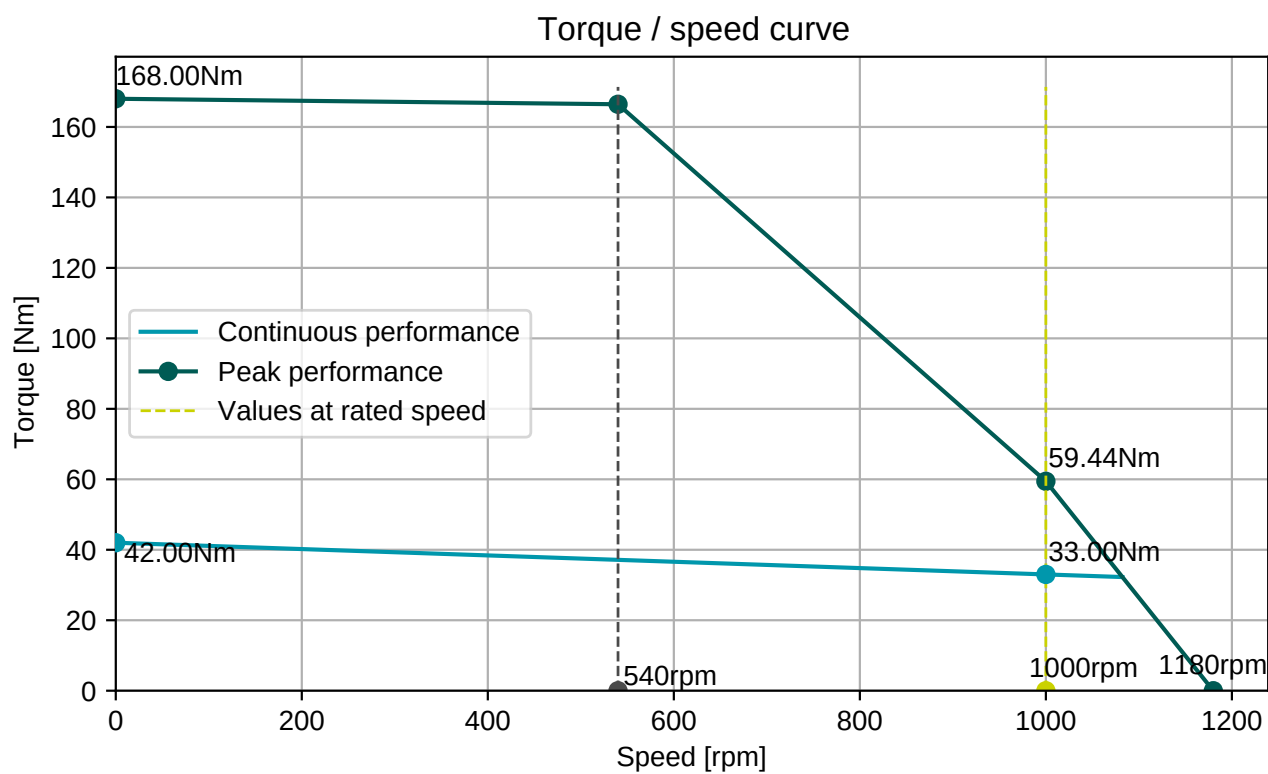
HS Code	85015220
---------	----------

Mechanical data (setting 6)

Max mechanical speed	5000 rpm
Mech. time constant	0.80 ms
Thermal time constant	59 min
Rotor inertia	60 kgcm ²
Protection	IP00
Color	RAL 9005
Cooling	Convection
Motor-only mass	12.2 kg

Sensors

Temperature	PT1000 {PT1000}
-------------	-----------------



Connector 1 (259)

white U

blue V

red W

2x Therm

2x Brake

