

Engineering data (WIN -100013)

DC bus voltage	24 V DC
Nominal AC voltage	17 V AC (rms)
Rated voltage	6 V AC (rms)
Rated power	351 W
Rated speed	500 rpm
Rated torque	6.70 Nm
Rated current	55.47 A (rms)
Peak torque	28 Nm
Peak current	263.8 A (rms)
Stall torque	7 Nm
Stall current	55.69 A (rms)
No load speed	2220 rpm
EMF constant ±10%	7.6 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.13 Nm / A (rms)
Torque constant ±10% @ rated load	0.12 Nm / A (rms)
Number of poles	16
Electrical time constant	2.08 ms
Winding terminal resistance	0.024 Ω
Rotary field terminal inductance	0.05 mH

Customs info

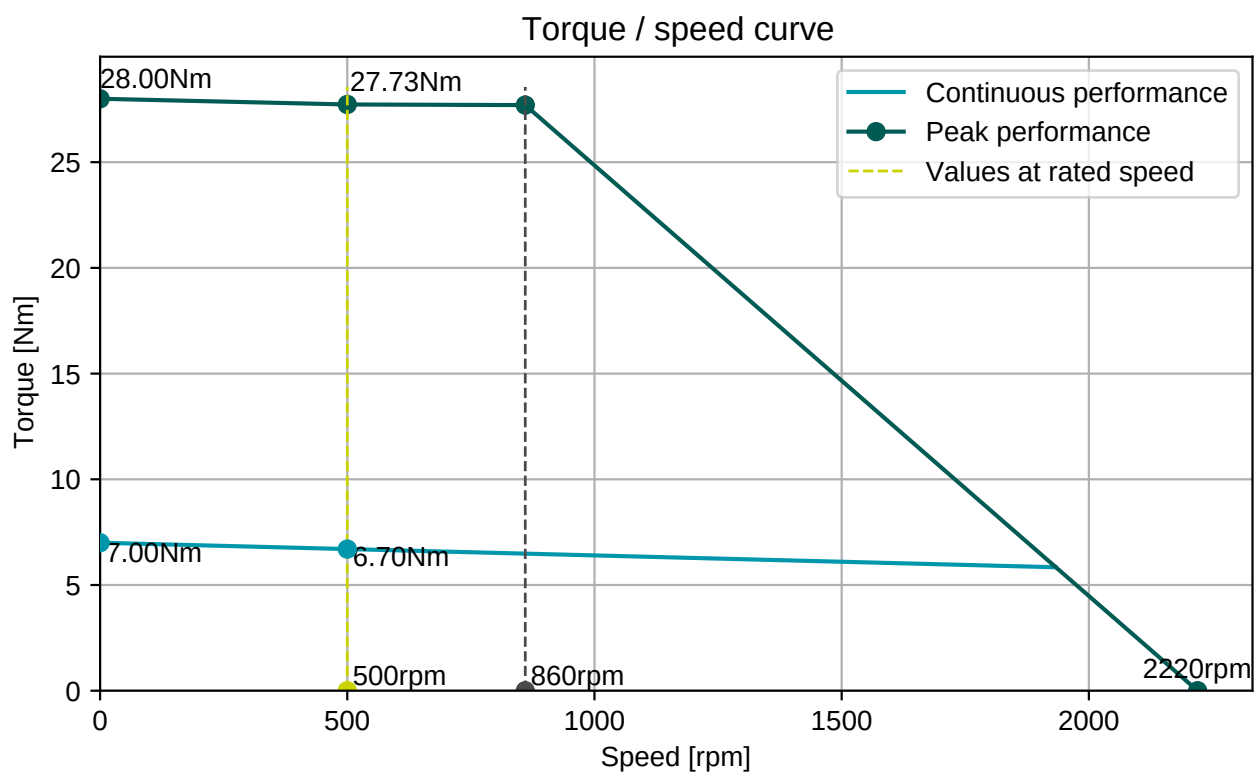
HS Code	85015100
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Mechanical data (setting 6)

Max mechanical speed	9000 rpm
Mech. time constant	0.89 ms
Thermal time constant	40 min
Rotor inertia	3.4 kgcm ²
Protection	IP00
Color	RAL 9005
Cooling	Convection
Motor-only mass	2.7 kg

Sensors

Temperature	PT1000 {PT1000}
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Connector 1 (259)

white U

blue V

red W

2x Therm

2x Brake

