

Engineering data (WIN 1641)

DC bus voltage	48 V DC
Nominal AC voltage	33 V AC (rms)
Rated voltage	15 V AC (rms)
Rated power	288 W
Rated speed	100 rpm
Rated torque	27.50 Nm
Rated current	19.84 A (rms)
Peak torque	84 Nm
Peak current	71.5 A (rms)
Stall torque	28 Nm
Stall current	19.7 A (rms)
No load speed	380 rpm
EMF constant ±10%	86 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	1.422 Nm / A (rms)
Torque constant ±10% @ rated load	1.386 Nm / A (rms)
Number of poles	38
Electrical time constant	2.46 ms
Winding terminal resistance	0.244 Ω
Rotary field terminal inductance	0.6 mH

Customs info

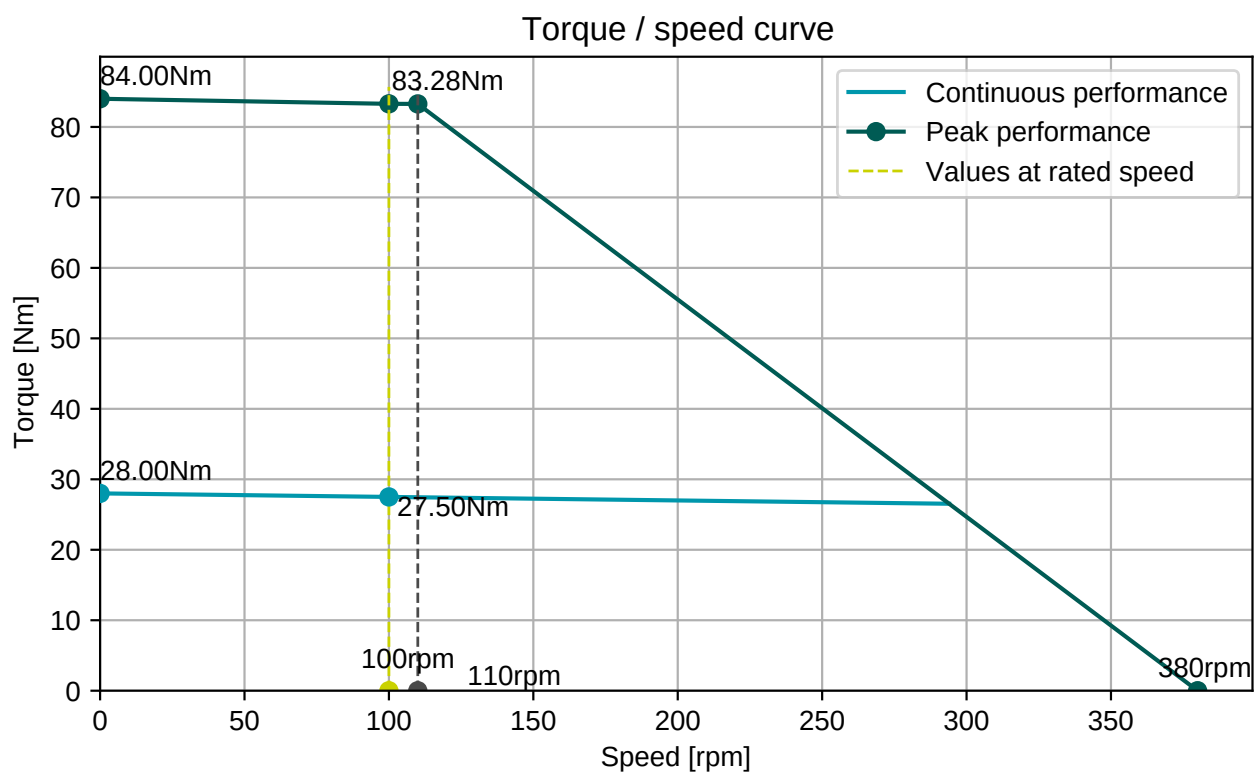
HS Code	85015100
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Mechanical data (setting 6)

Max mechanical speed	12000 rpm
Mech. time constant	1.90 ms
Thermal time constant	51 min
Rotor inertia	91.2 kgcm ²
Protection	IP00
Color	RAL 9005
Cooling	Convection
Motor-only mass	5 kg

Sensors

Temperature	PT1000 {PT1000}
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Connector 1 (259)

white U

blue V

red W

2x Therm

2x Brake

