

Engineering data (WIN -308)

DC bus voltage	560 V DC
Nominal AC voltage	380 V AC (rms)
Rated voltage	291 V AC (rms)
Rated power	2.8 kW
Rated speed	1000 rpm
Rated torque	27.00 Nm
Rated current	6.37 A (rms)
Peak torque	138 Nm
Peak current	37.9 A (rms)
Stall torque	34.5 Nm
Stall current	7.78 A (rms)
No load speed	1420 rpm
EMF constant ±10%	268 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	4.43 Nm / A (rms)
Torque constant ±10% @ rated load	4.24 Nm / A (rms)
Number of poles	22
Electrical time constant	4.92 ms
Winding terminal resistance	1.94 Ω
Rotary field terminal inductance	9.55 mH

Customs info

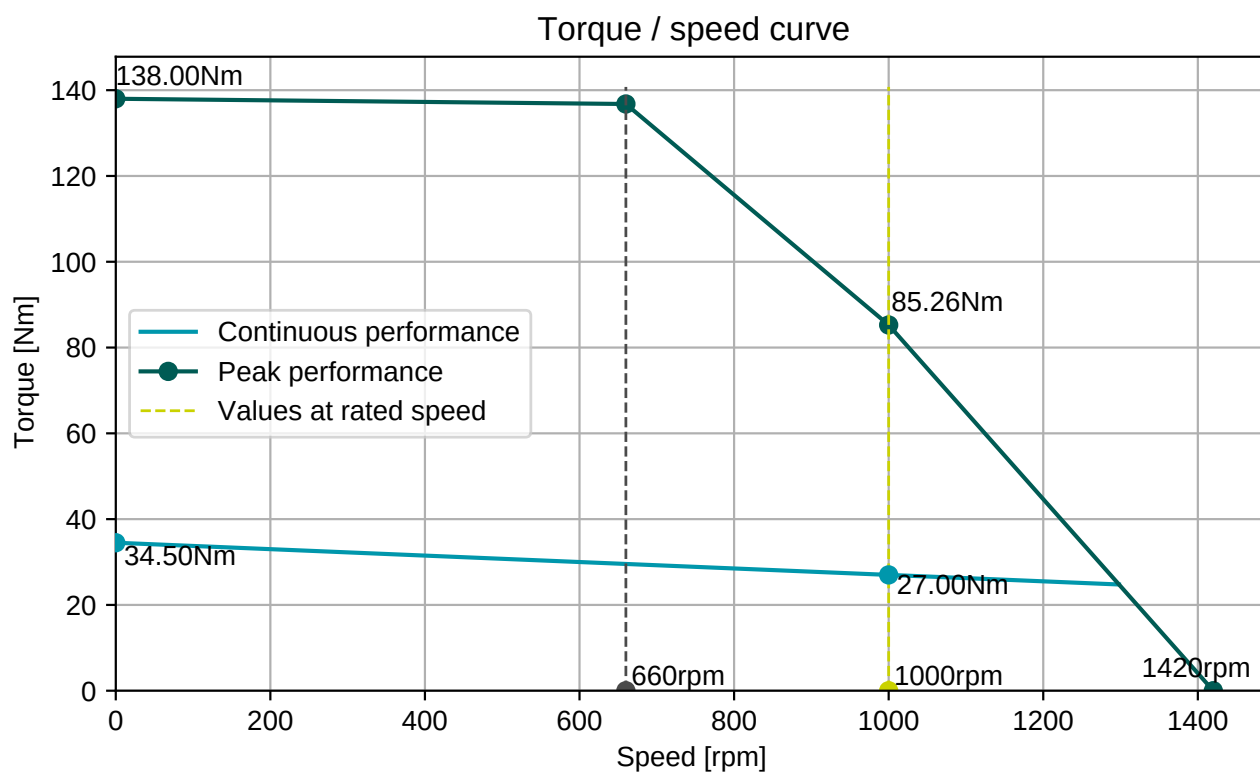
HS Code	85015220
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Mechanical data (setting 6)

Max mechanical speed	5000 rpm
Mech. time constant	0.82 ms
Thermal time constant	54 min
Rotor inertia	48 kgcm ²
Protection	IP00
Color	RAL 9005
Cooling	Convection
Motor-only mass	9.8 kg

Sensors

Temperature	PT1000 {PT1000}
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Connector 1 (259)

white U

blue V

red W

2x Therm

2x Brake

