

Engineering data (WIN 1387)

DC bus voltage	320 V DC
Nominal AC voltage	220 V AC (rms)
Rated voltage	155 V AC (rms)
Rated power	880 W
Rated speed	500 rpm
Rated torque	16.80 Nm
Rated current	4.11 A (rms)
Peak torque	72 Nm
Peak current	20.7 A (rms)
Stall torque	18 Nm
Stall current	4.25 A (rms)
No load speed	860 rpm
EMF constant ±10%	256 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	4.234 Nm / A (rms)
Torque constant ±10% @ rated load	4.088 Nm / A (rms)
Number of poles	22
Electrical time constant	4.06 ms
Winding terminal resistance	4.285 Ω
Rotary field terminal inductance	17.4 mH

Customs info

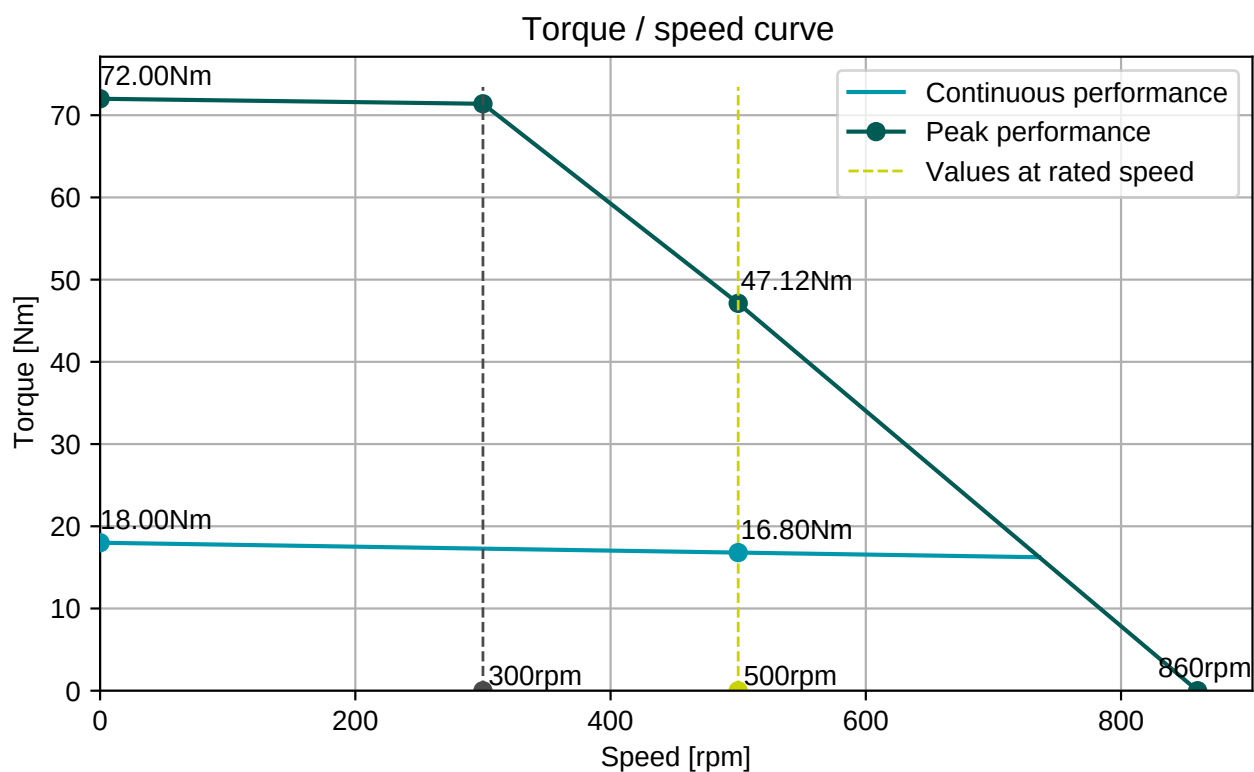
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Mechanical data (setting 6)

Max mechanical speed	12000 rpm
Mech. time constant	0.50 ms
Thermal time constant	36 min
Rotor inertia	12 kgcm ²
Protection	IP00
Color	RAL 9005
Cooling	Convection
Motor-only mass	5.1 kg

Sensors

Temperature	PT1000 {PT1000}
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Connector 1 (259)

white U

blue V

red W

2x Therm

2x Brake

