

Engineering data (WIN -401)

DC bus voltage	320 V DC
Nominal AC voltage	220 V AC (rms)
Rated voltage	188 V AC (rms)
Rated power	2.4 kW
Rated speed	1000 rpm
Rated torque	22.60 Nm
Rated current	8.68 A (rms)
Peak torque	87 Nm
Peak current	43.51 A (rms)
Stall torque	29 Nm
Stall current	10.63 A (rms)
No load speed	1330 rpm
EMF constant ±10%	165 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	2.73 Nm / A (rms)
Torque constant ±10% @ rated load	2.60 Nm / A (rms)
Number of poles	22
Electrical time constant	8.49 ms
Winding terminal resistance	0.84 Ω
Rotary field terminal inductance	7.13 mH

Customs info

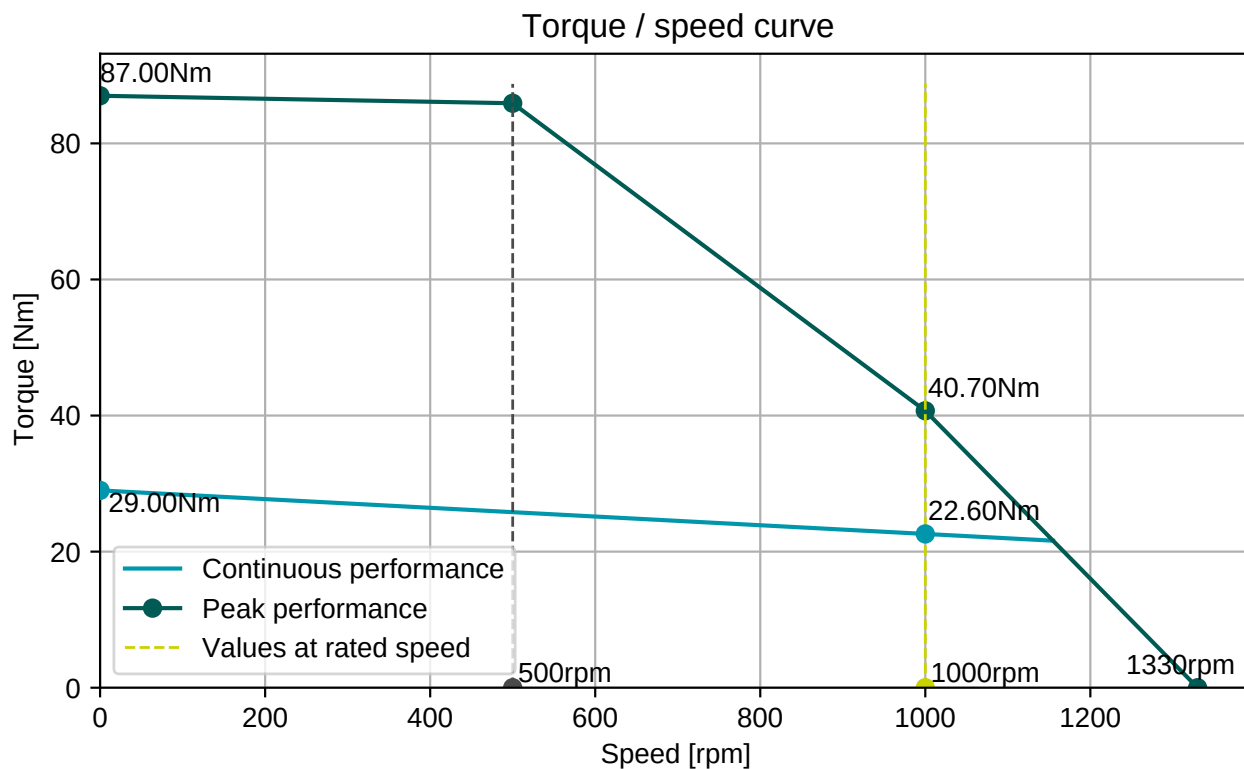
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Mechanical data (setting 6)

Max mechanical speed	4000 rpm
Mech. time constant	0.97 ms
Thermal time constant	55 min
Rotor inertia	49.8 kgcm ²
Protection	IP00
Color	RAL 9005
Cooling	Convection
Motor-only mass	7 kg

Sensors

Temperature	PT1000 {PT1000}
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Connector 1 (259)

white U

blue V

red W

2x Therm

2x Brake

