

Engineering data (WIN -701)

DC bus voltage	320 V DC
Nominal AC voltage	220 V AC (rms)
Rated voltage	168 V AC (rms)
Rated power	5.8 kW
Rated speed	400 rpm
Rated torque	139.00 Nm
Rated current	23.09 A (rms)
Peak torque	600 Nm
Peak current	134.85 A (rms)
Stall torque	200 Nm
Stall current	31.65 A (rms)
No load speed	580 rpm
EMF constant ±10%	382 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	6.32 Nm / A (rms)
Torque constant ±10% @ rated load	6.02 Nm / A (rms)
Number of poles	52
Electrical time constant	13.59 ms
Winding terminal resistance	0.17 Ω
Rotary field terminal inductance	2.31 mH

Customs info

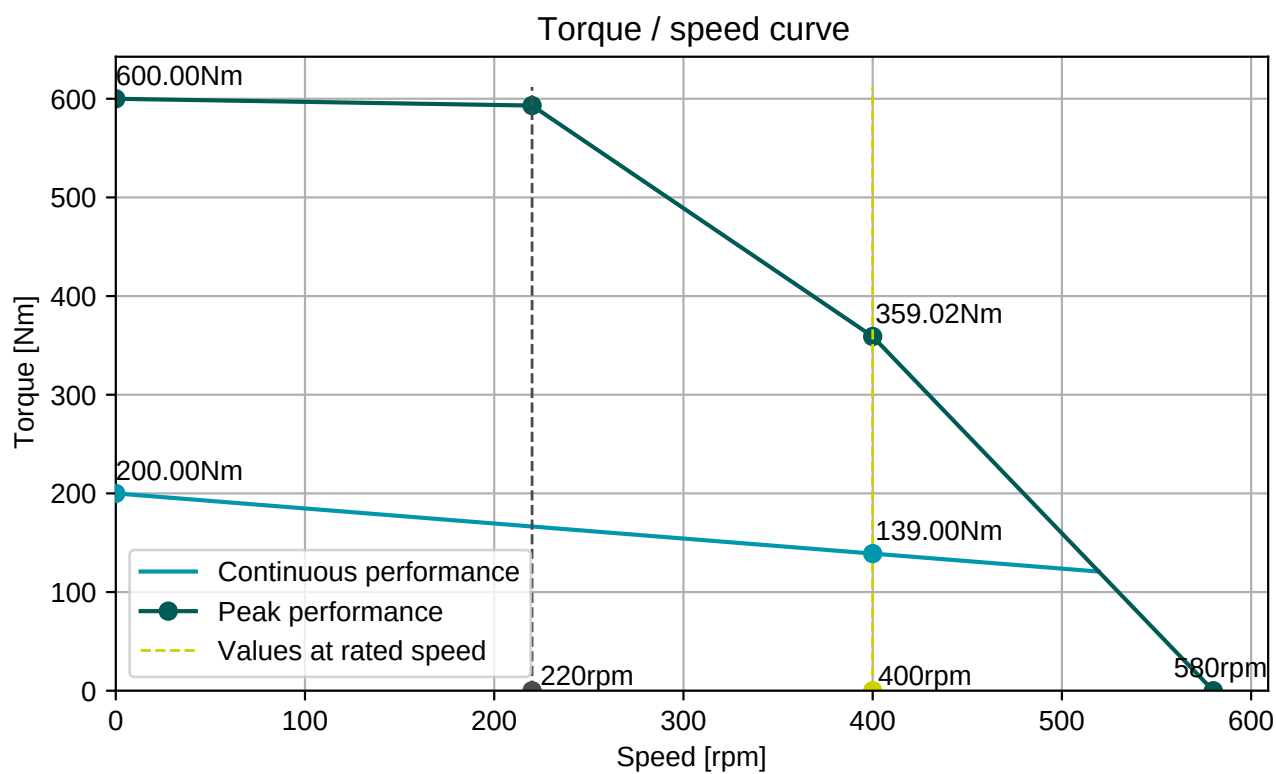
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Mechanical data (setting 6)

Max mechanical speed	2000 rpm
Mech. time constant	0.80 ms
Thermal time constant	69 min
Rotor inertia	1090 kgcm ²
Protection	IP00
Color	RAL 9005
Cooling	Convection
Motor-only mass	21.3 kg

Sensors

Temperature	PT1000 {PT1000}
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Connector 1 (259)

white U

blue V

red W

2x Therm

2x Brake

