

Engineering data (WIN -100097)

DC bus voltage	130 V DC
Nominal AC voltage	90 V AC (rms)
Rated voltage	62 V AC (rms)
Rated power	355 W
Rated speed	3000 rpm
Rated torque	1.13 Nm
Rated current	5.14 A (rms)
Peak torque	3.45 Nm
Peak current	19.75 A (rms)
Stall torque	1.15 Nm
Stall current	4.49 A (rms)
No load speed	5750 rpm
EMF constant ±10%	15.5 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.26 Nm / A (rms)
Torque constant ±10% @ rated load	0.22 Nm / A (rms)
Number of poles	10
Electrical time constant	2.24 ms
Winding terminal resistance	1.68 Ω
Rotary field terminal inductance	3.77 mH

Customs info

HS Code	85015100
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Mechanical data (setting 5)

Max mechanical speed	12000 rpm
Mech. time constant	1.37 ms
Thermal time constant	21 min
Rotor inertia	0.31 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Motor-only mass	1.5 kg
Max. axial force 20kh	72 N
Max. radial force 20kh	378 N*
Max. axial force 100kh	42 N
Max. radial force 100kh	221 N*

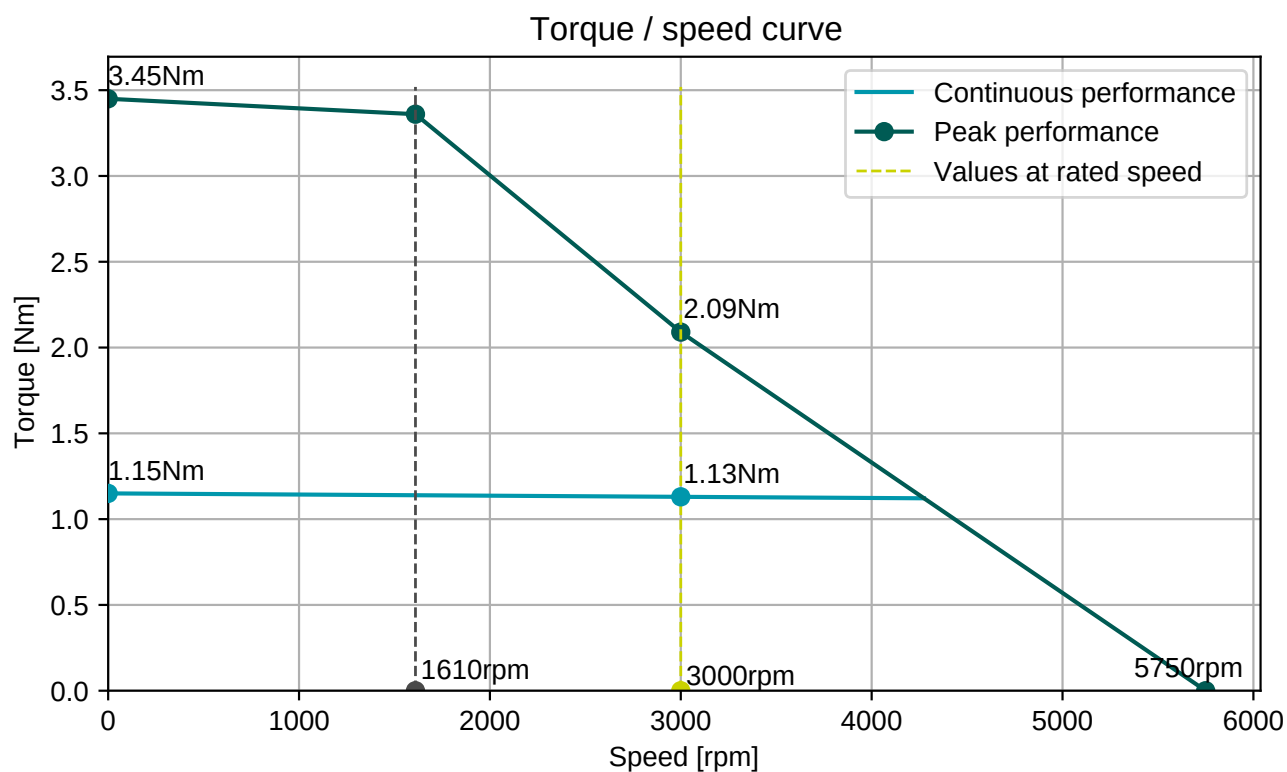
* Defined for point of action at ½ output shaft length

Sensors

Temperature	PT1000 {PT1000}
Feedback	ELS35-0CA0A024A

Note

Cables length 1m


Cable SF4x1,5, D=9,6±0,4mm
Cable R4x2x0,25, D=6,8±0,4mm

Connector 1 (21)	
1	U
2	V
3	W
PE	PE
5	Brake+
6	Brake-

Connector 2

Numbers printed on the cables

