

Engineering data (WIN 1655)

DC bus voltage	24 V DC
Nominal AC voltage	17 V AC (rms)
Rated voltage	16 V AC (rms)
Rated power	125 W
Rated speed	1300 rpm
Rated torque	0.92 Nm
Rated current	7.5 A (rms)
Peak torque	2.4 Nm
Peak current	25 A (rms)
Stall torque	0.95 Nm
Stall current	6.8 A (rms)
No load speed	1960 rpm
EMF constant ±10%	8.43 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.139 Nm / A (rms)
Torque constant ±10% @ rated load	0.123 Nm / A (rms)
Number of poles	10
Electrical time constant	1.93 ms
Winding terminal resistance	0.522 Ω
Rotary field terminal inductance	1.01 mH

Customs info

HS Code	85015100
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Mechanical data (setting 0)

Max mechanical speed	12000 rpm
Mech. time constant	2.32 ms
Thermal time constant	25 min
Rotor inertia	0.5 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection

Sensors

Temperature	PT1000 {PT1000}
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Note

We assume BISS-C. The resolution should be specified.



