

Engineering data (WIN 1270)

DC bus voltage	560 V DC
Nominal AC voltage	380 V AC (rms)
Rated voltage	276 V AC (rms)
Rated power	490 W
Rated speed	6000 rpm
Rated torque	0.78 Nm
Rated current	1.27 A (rms)
Peak torque	4.94 Nm
Peak current	8.33 A (rms)
Stall torque	1.3 Nm
Stall current	1.77 A (rms)
No load speed	8140 rpm
EMF constant ±10%	44.5 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.734 Nm / A (rms)
Torque constant ±10% @ rated load	0.614 Nm / A (rms)
Number of poles	10
Electrical time constant	1.44 ms
Winding terminal resistance	9.598 Ω
Rotary field terminal inductance	13.8 mH

Customs info

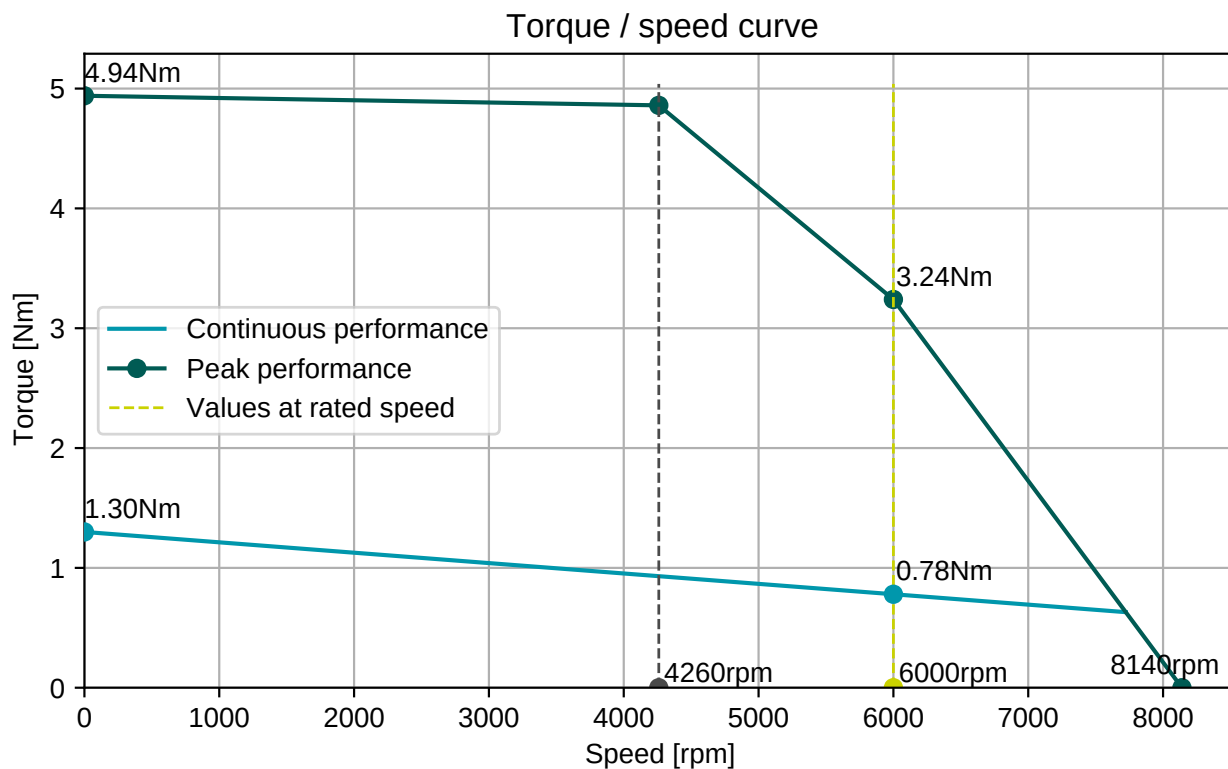
HS Code	85015100
---------	----------

Mechanical data (setting 48)

Max mechanical speed	12000 rpm
Mech. time constant	1.53 ms
Thermal time constant	24 min
Rotor inertia	0.5 kgcm ²
Protection	IP65
Color	RAL 9005
Cooling	Convection

Sensors

Temperature	PT1000 {PT1000}
Feedback	EKM36 (HDSL) multi-turn, 17 + 12 bits


EGA201N00000800000

M15, 9 poles, rotary


Connector 1 (304)

A	U
B	V
C	W
PE	PE
1	Brake+
2	Brake-
3	+Us/DSL+
4	GND/DSL-

