

Engineering data (WIN 301)

DC bus voltage	560 V DC
Nominal AC voltage	330 V AC (rms)
Rated voltage	323 V AC (rms)
Rated power	4.0 kW
Rated speed	1000 rpm
Rated torque	38.00 Nm
Rated current	8.5 A (rms)
Peak torque	120 Nm
Peak current	32.6 A (rms)
Stall torque	40 Nm
Stall current	8.4 A (rms)
No load speed	1140 rpm
EMF constant ±10%	289 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	4.78 Nm / A (rms)
Torque constant ±10% @ rated load	4.47 Nm / A (rms)
Number of poles	6
Electrical time constant	23.67 ms
Winding terminal resistance	1.66 Ω
Rotary field terminal inductance	39.3 mH

Customs info

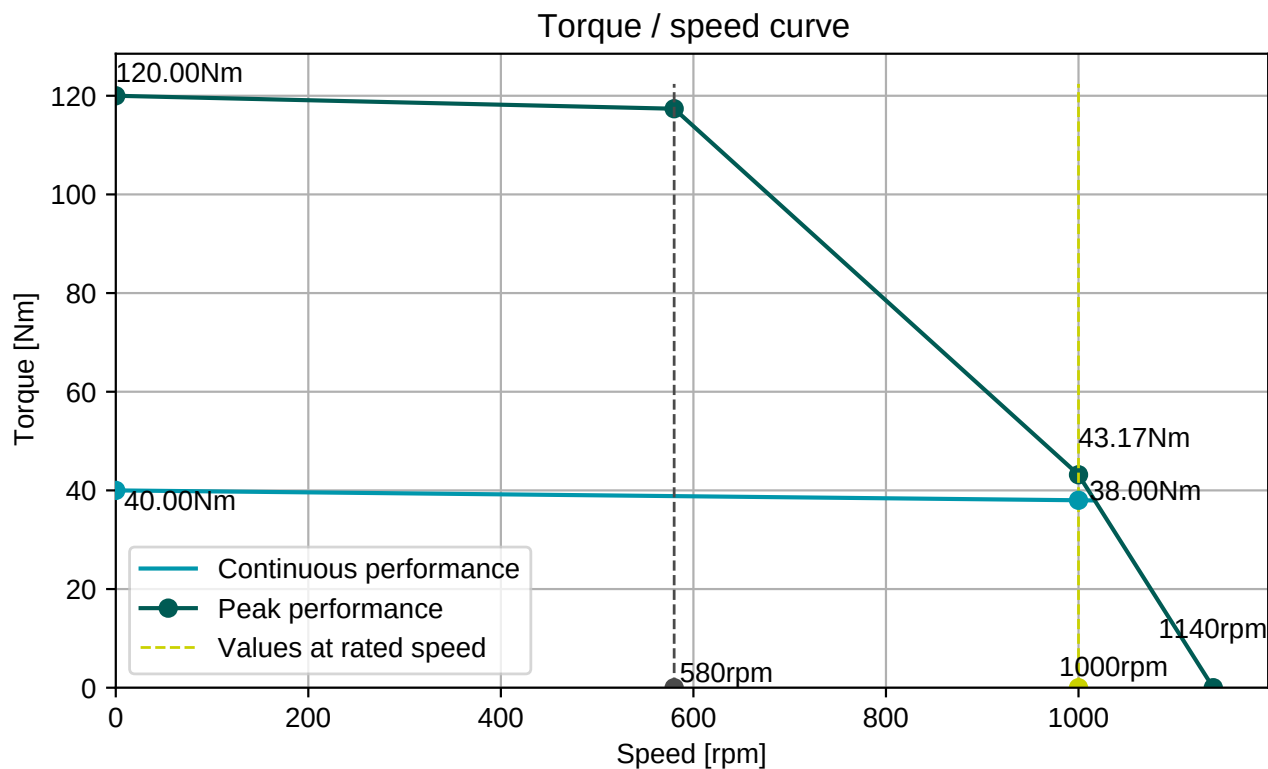
HS Code	85015220
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Mechanical data (setting 31)

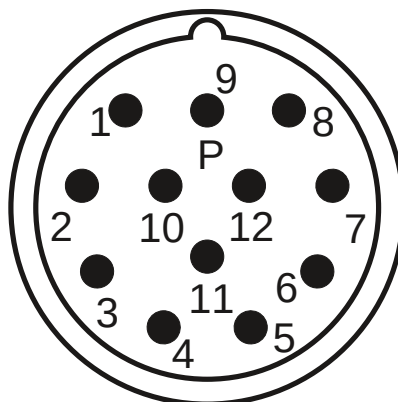
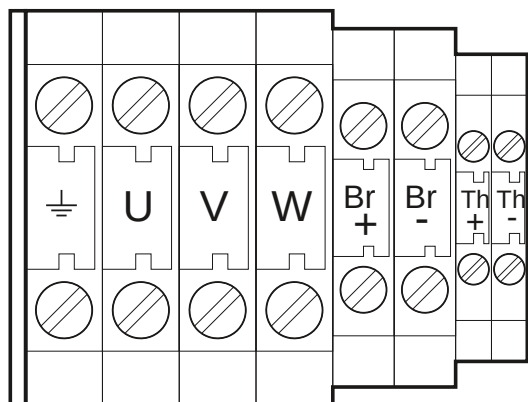
Max mechanical speed	3600 rpm
Mech. time constant	0.96 ms
Thermal time constant	47 min
Rotor inertia	76.1 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Motor-only mass	37 kg

Sensors

Temperature	PT1000 {PT1000}
Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)



AFC114N00000214000
M23, 12 poles, rectangular



Connector 1 (52)

PE	PE
U	U
V	V
W	W
Br+	Brake+
Br-	Brake-
Th+	Therm+
Th-	Therm-

Connector 2 (2)

4	S1
8	S3
3	S4
7	S2
5	R2
9	R1

