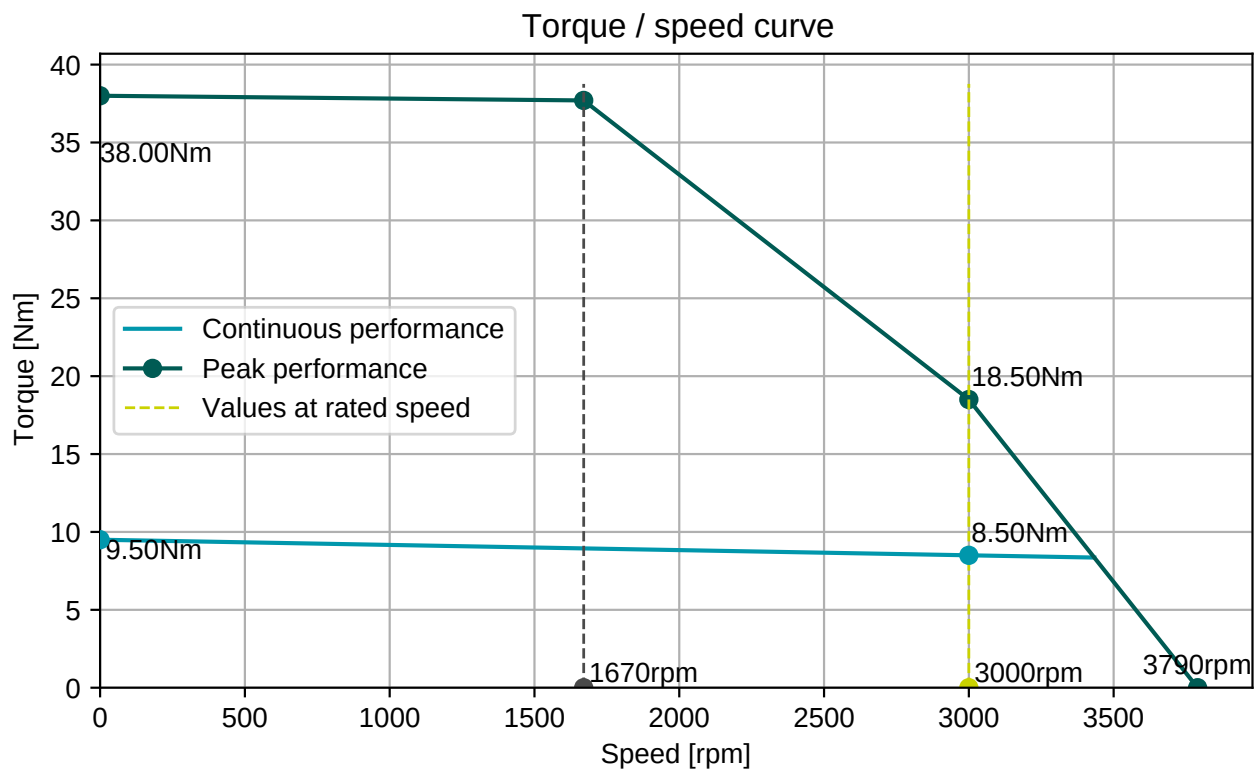


Engineering data (WIN 164)		Mechanical data (setting 16)	
DC bus voltage	560 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	330 V AC (rms)	Mech. time constant	0.93 ms
Rated voltage	281 V AC (rms)	Thermal time constant	68 min
Rated power	2.7 kW	Rotor inertia	6.05 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	8.50 Nm	Color	RAL 9005
Rated current	6.2 A (rms)	Cooling	Convection
Peak torque	38 Nm	Motor-only mass	10.8 kg
Peak current	39.6 A (rms)	Sensors	
Stall torque	9.5 Nm	Temperature	UP72T150-140C
Stall current	6.6 A (rms)		{UP72T150-140C Uchiya}
No load speed	3790 rpm	Feedback	ECN1313 (EnDat 2.1)
EMF constant ±10%	82.5 V AC (rms) / 1000rpm		2048 imp.rev. + 1 Vpp
Theoretical torque constant ±10%	1.365 Nm / A (rms)		
Torque constant ±10% @ rated load	1.371 Nm / A (rms)		
Number of poles	6		
Electrical time constant	6.67 ms		
Winding terminal resistance	1.65 Ω		
Rotary field terminal inductance	11 mH		
Customs info			
HS Code	85015220		


BEA120N00000200000

M23, 8 poles, straight


AEA113N00000201000

M23, 17 poles, straight


Connector 1 (11)

1	U
4	V
3	W
2	PE
A	Brake+
B	Brake-
C	Therm+
D	Therm-

Connector 2 (20)

11,3	A+,A-
9,1	B+,B-
4,2	5V Up,0V Un
5,13	DATA+,DATA-
14,7	Temp.
8,15	CLOCK+,CLOCK-
12,10	5V Sensor,0V Sensor

