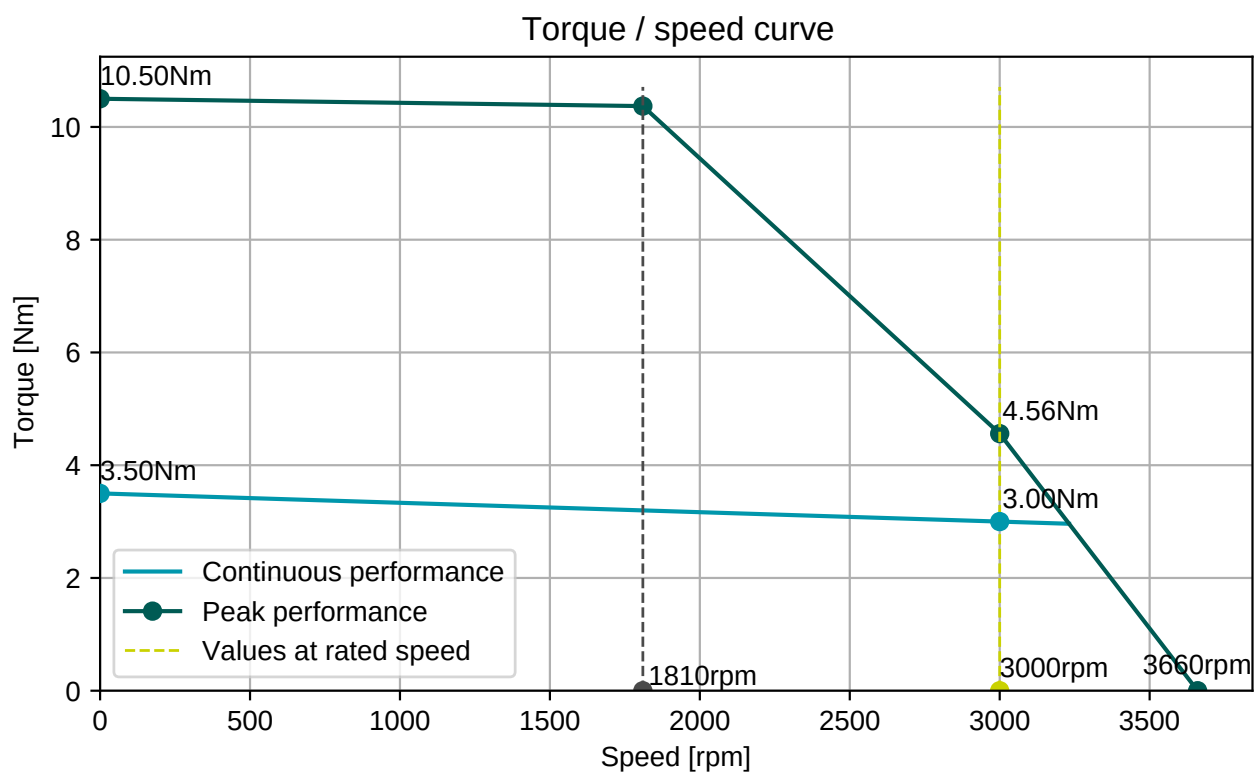


Engineering data (WIN 1421)		Mechanical data (setting 5)	
DC bus voltage	130 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	90 V AC (rms)	Mech. time constant	0.75 ms
Rated voltage	79 V AC (rms)	Thermal time constant	27 min
Rated power	942 W	Rotor inertia	1.04 kgcm ²
Rated speed	3000 rpm	Protection	IP64
Rated torque	3.00 Nm	Color	RAL 9005
Rated current	8.4 A (rms)	Cooling	Convection
Peak torque	10.5 Nm	Motor-only mass	2.9 kg
Peak current	31.2 A (rms)	Max. axial force 20kh	68 N
Stall torque	3.5 Nm	Max. radial force 20kh	356 N*
Stall current	8.6 A (rms)	Max. axial force 100kh	40 N
No load speed	3660 rpm	Max. radial force 100kh	208 N*
EMF constant ±10%	24.5 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.405 Nm / A (rms)		
Torque constant ±10% @ rated load	0.357 Nm / A (rms)		
Number of poles	10		
Electrical time constant	2.82 ms		
Winding terminal resistance	0.68 Ω		
Rotary field terminal inductance	1.92 mH		
Customs info			
HS Code	85015220		

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

