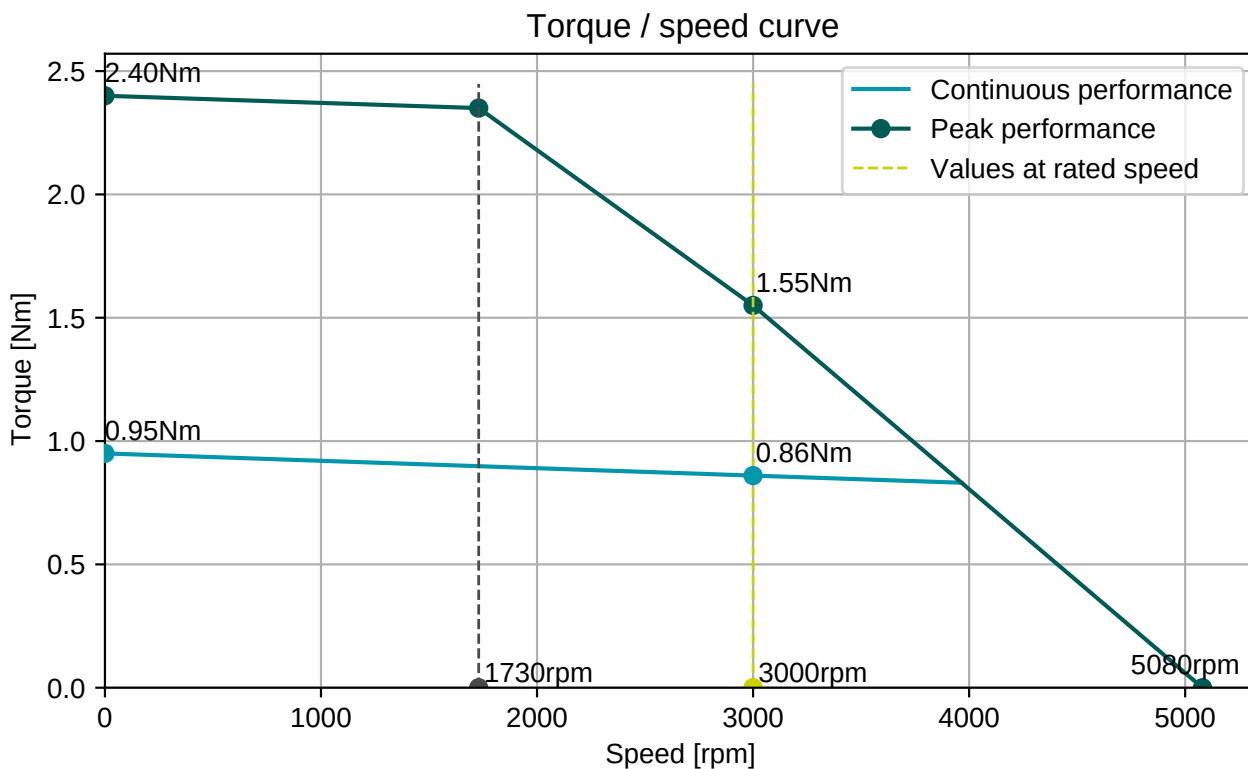
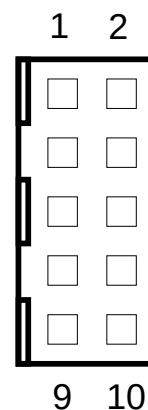
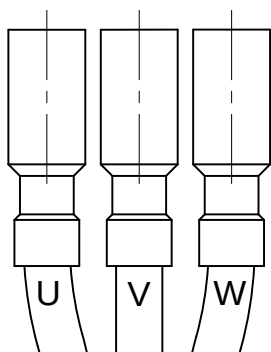


Engineering data (WIN 11)		Mechanical data (setting 6)	
DC bus voltage	320 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	200 V AC (rms)	Mech. time constant	2.07 ms
Rated voltage	150 V AC (rms)	Thermal time constant	25 min
Rated power	270 W	Rotor inertia	0.5 kgcm ²
Rated speed	3000 rpm	Protection	IP67
Rated torque	0.86 Nm	Color	RAL 9005
Rated current	1.43 A (rms)	Cooling	Convection
Peak torque	2.4 Nm	Motor-only mass	2.25 kg
Peak current	5.4 A (rms)	Sensors	
Stall torque	0.95 Nm	Temperature	KTY 84-130 {KTY 84-130 Reissmann}
Stall current	1.47 A (rms)	Feedback	2-pole resolver (TAMAGAWA-TS2620N21E11)
No load speed	5080 rpm	Note	
EMF constant ±10%	39 V AC (rms) / 1000rpm	- Resolver+temperature sensor+brake wires, (including connector) – length 75 mm from B-flange	
Theoretical torque constant ±10%	0.65 Nm / A (rms)	- U, V, W including connectors - length 70mm from B-flange	
Torque constant ±10% @ rated load	0.60 Nm / A (rms)		
Number of poles	10		
Electrical time constant	2.86 ms		
Winding terminal resistance	9.93 Ω		
Rotary field terminal inductance	28.4 mH		
Certifications & customs info			
HS Code	85015100		
UL isolation	Compliant		



Female Bullet Terminal - size 4



Connector 1 (55)

white U
blue V
red W

Wires ends assembled by round Female Bullet Terminal - H4 (Rundsteckhülse spritzwassergeschützt - H4)

Connector 2 (170)

1 S1 (red)
2 S3 (black)
3 S4 (blue)
4 S2 (yellow)
5 R2 (yellow/white)
6 R1 (red/white)
7 Brake+
8 Brake-
9 Therm-
10 Therm+

