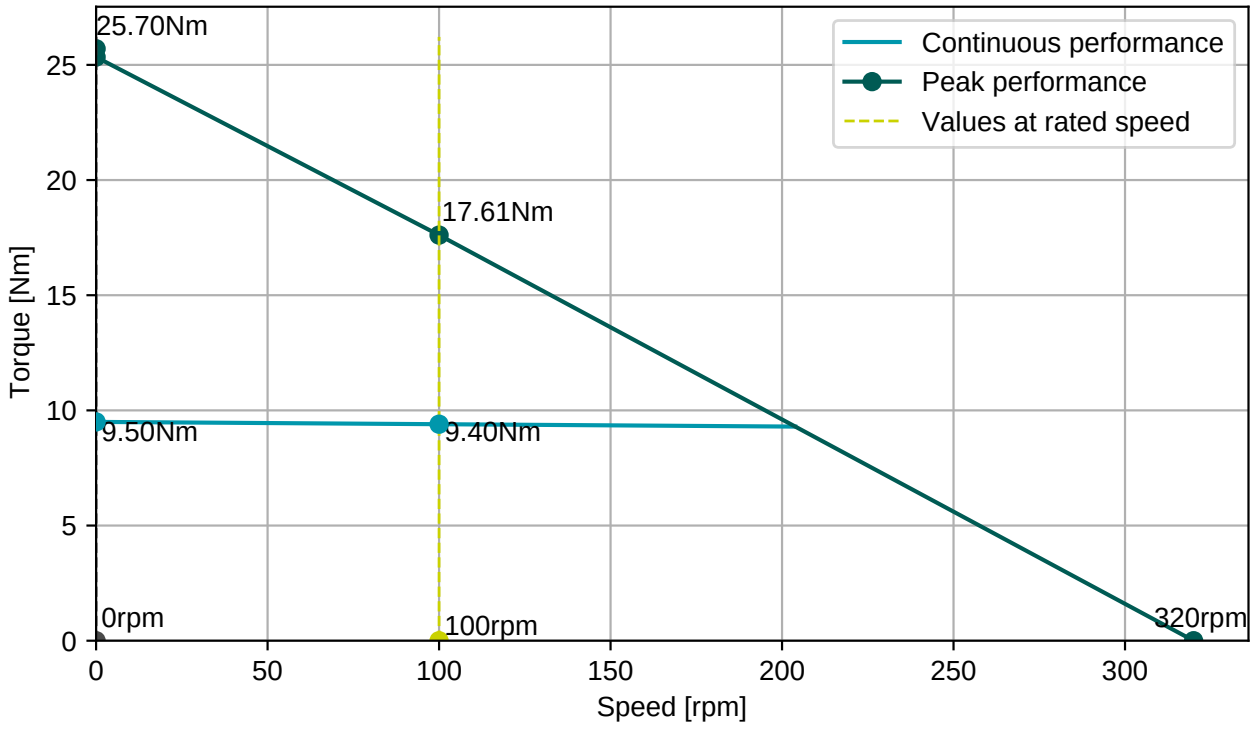
Engineering data (WIN 1392)		
DC bus voltage	24	V DC
Nominal AC voltage	17	V AC (rms)
Rated voltage	12	V AC (rms)
Rated power	98	W
Rated speed	100	rpm
Rated torque	9.40	Nm
Rated current	11.34	A (rms)
Peak torque	25.7	Nm
Peak current	30.8	A (rms)
Stall torque	9.5	Nm
Stall current	11	A (rms)
No load speed	320	rpm
EMF constant ±10%	52	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.86	Nm / A (rms)
Torque constant ±10% @ rated load	0.83	Nm / A (rms)
Number of poles	22	
Electrical time constant	3.15	ms
Winding terminal resistance	0.457	Ω
Rotary field terminal inductance	1.44	mH

Customs info	
HS Code	85015100

Mechanical data (setting 6)		
Max mechanical speed	12000	rpm
Mech. time constant	1.28	ms
Thermal time constant	36	min
Rotor inertia	12	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	2.73	kg

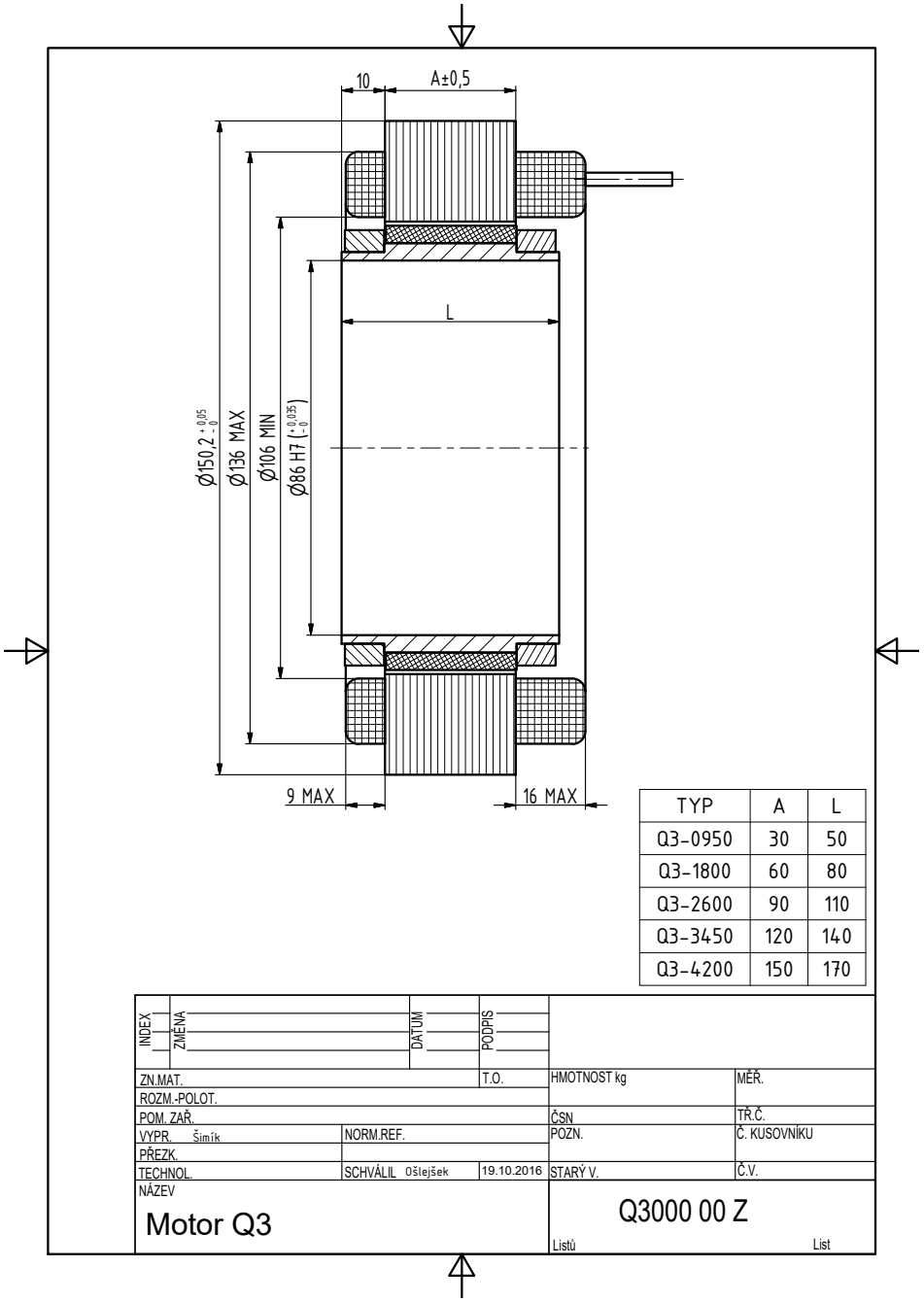
Sensors	
Temperature	PT1000 {PT1000}

Torque / speed curve



Connector 1 (259)	
white	U
blue	V
red	W

2x Therm
2x Brake



TYP	A	L
Q3-0950	30	50
Q3-1800	60	80
Q3-2600	90	110
Q3-3450	120	140
Q3-4200	150	170

INDEX	ZMĚNA	DATUM	PODPIS

ZN.MAT.		T.O.	HMOTNOST kg	MĚŘ.
ROZM.-POLOT.				
POM. ZAŘ.			ČSN	TŘ.Č.
VYPR. Šimík	NORM.REF.		POZN.	Č. KUSOVNÍKU
PŘEZK.				
TECHNOL.	SCHVÁLIL Ošlejšek	19.10.2016	STARÝ V.	Č.V.

NÁZEV

Motor Q3

Q3000 00 Z

Listů List