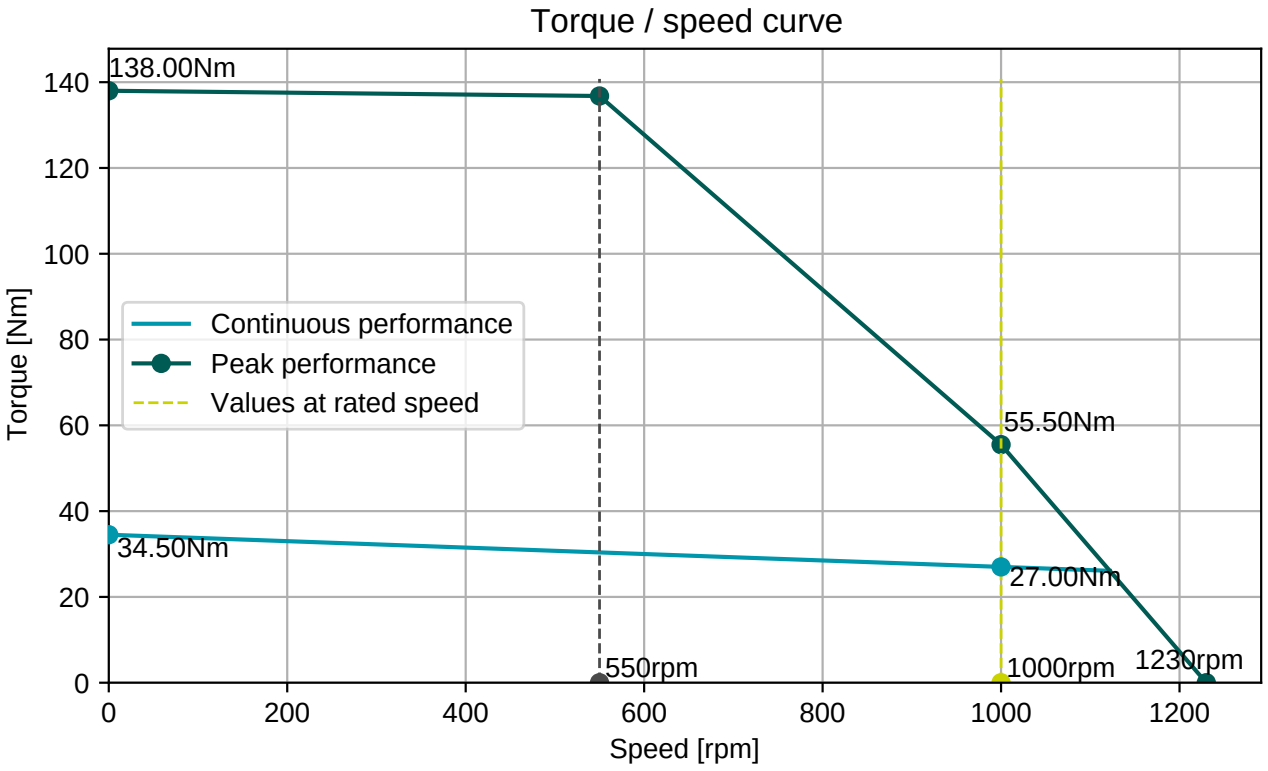
Engineering data (WIN -303)		
DC bus voltage	320	V DC
Nominal AC voltage	220	V AC (rms)
Rated voltage	195	V AC (rms)
Rated power	2.8	kW
Rated speed	1000	rpm
Rated torque	27.00	Nm
Rated current	9.54	A (rms)
Peak torque	138	Nm
Peak current	56.75	A (rms)
Stall torque	34.5	Nm
Stall current	11.65	A (rms)
No load speed	1230	rpm
EMF constant ±10%	179	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	2.96	Nm / A (rms)
Torque constant ±10% @ rated load	2.83	Nm / A (rms)
Number of poles	22	
Electrical time constant	4.87	ms
Winding terminal resistance	0.87	Ω
Rotary field terminal inductance	4.24	mH

Customs info	
HS Code	85015220

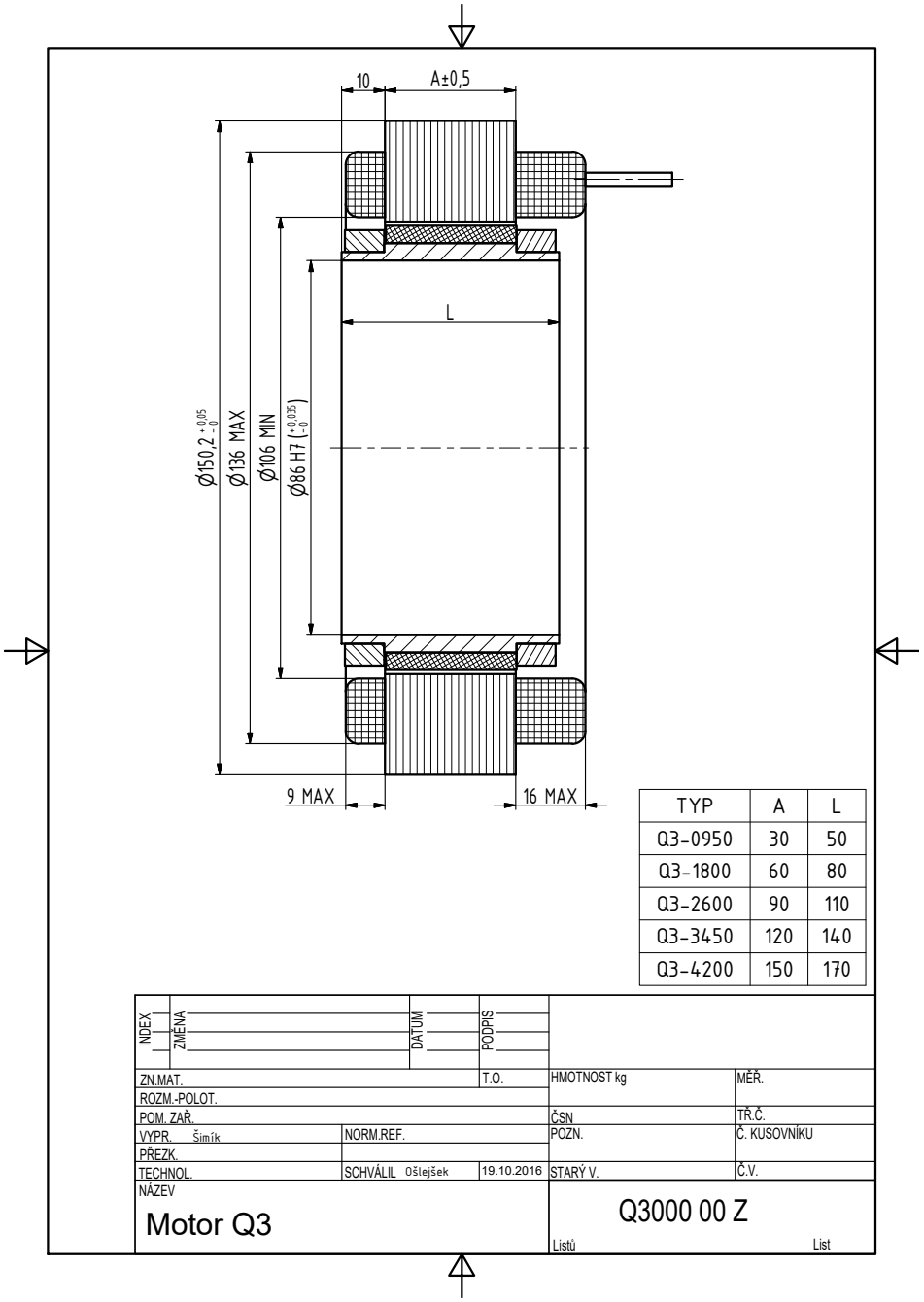
Mechanical data (setting 6)		
Max mechanical speed	5000	rpm
Mech. time constant	0.83	ms
Thermal time constant	54	min
Rotor inertia	48	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	9.8	kg

Sensors	
Temperature	PT1000 {PT1000}



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