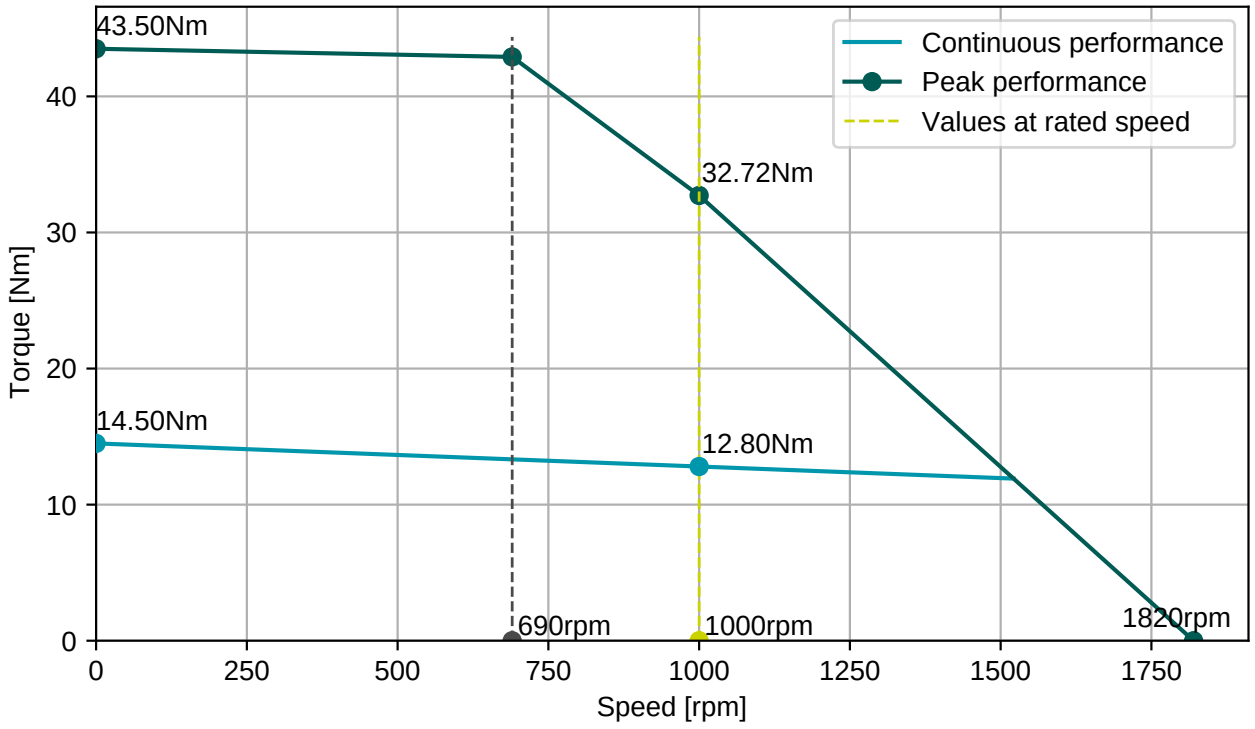
Engineering data (WIN -405)		
DC bus voltage	560	V DC
Nominal AC voltage	380	V AC (rms)
Rated voltage	247	V AC (rms)
Rated power	1.3	kW
Rated speed	1000	rpm
Rated torque	12.80	Nm
Rated current	3.9	A (rms)
Peak torque	43.5	Nm
Peak current	17.26	A (rms)
Stall torque	14.5	Nm
Stall current	4.21	A (rms)
No load speed	1820	rpm
EMF constant ±10%	208	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	3.44	Nm / A (rms)
Torque constant ±10% @ rated load	3.28	Nm / A (rms)
Number of poles	22	
Electrical time constant	6.10	ms
Winding terminal resistance	3.72	Ω
Rotary field terminal inductance	22.7	mH

Customs info	
HS Code	85015220

Mechanical data (setting 6)		
Max mechanical speed	4000	rpm
Mech. time constant	1.36	ms
Thermal time constant	42	min
Rotor inertia	24.9	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	3.73	kg

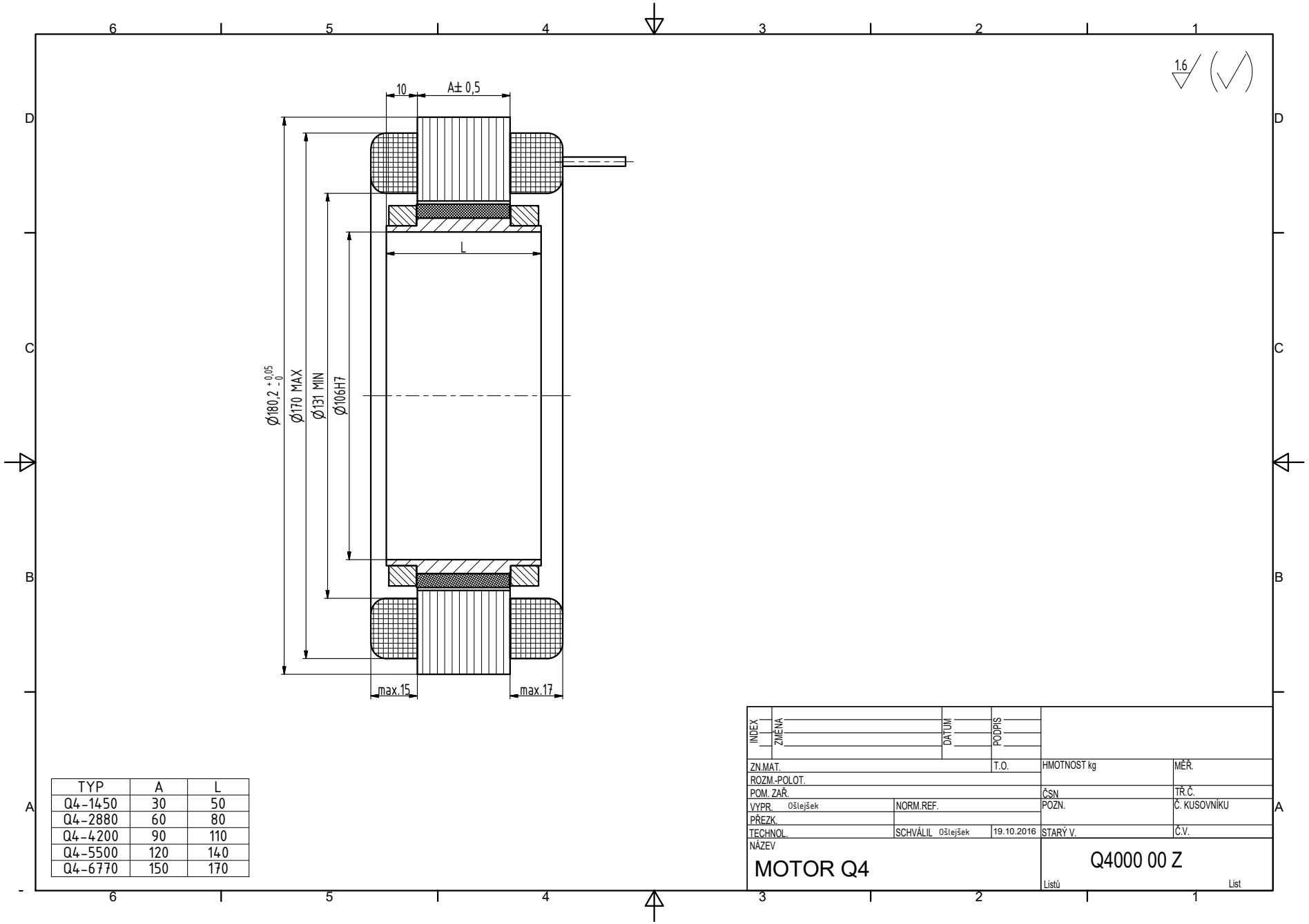
Sensors	
Temperature	PT1000 {PT1000}

Torque / speed curve



Connector 1 (259)	
white	U
blue	V
red	W

2x Therm
2x Brake



TYP	A	L
Q4-1450	30	50
Q4-2880	60	80
Q4-4200	90	110
Q4-5500	120	140
Q4-6770	150	170

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

NÁZEV

MOTOR Q4

Q4000 00 Z

Listů List