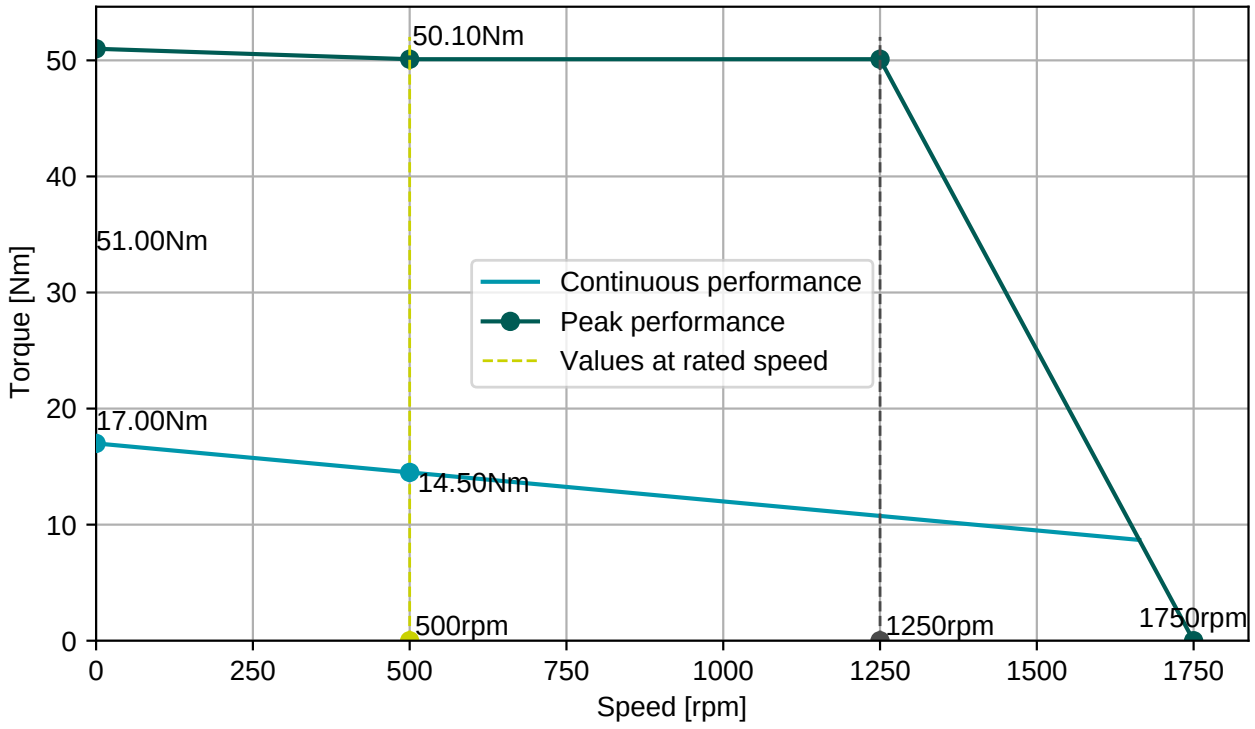
Engineering data (WIN 831)		
DC bus voltage	320	V DC
Nominal AC voltage	200	V AC (rms)
Rated voltage	63	V AC (rms)
Rated power	759	W
Rated speed	500	rpm
Rated torque	14.50	Nm
Rated current	8.38	A (rms)
Peak torque	51	Nm
Peak current	35.2	A (rms)
Stall torque	17	Nm
Stall current	9	A (rms)
No load speed	1750	rpm
EMF constant ±10%	114	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	1.89	Nm / A (rms)
Torque constant ±10% @ rated load	1.73	Nm / A (rms)
Number of poles	22	
Electrical time constant	3.28	ms
Winding terminal resistance	0.64	Ω
Rotary field terminal inductance	2.1	mH

Customs info	
HS Code	85015220

Mechanical data (setting 6)		
Max mechanical speed	12000	rpm
Mech. time constant	0.76	ms
Thermal time constant	95	min
Rotor inertia	24.4	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	7	kg

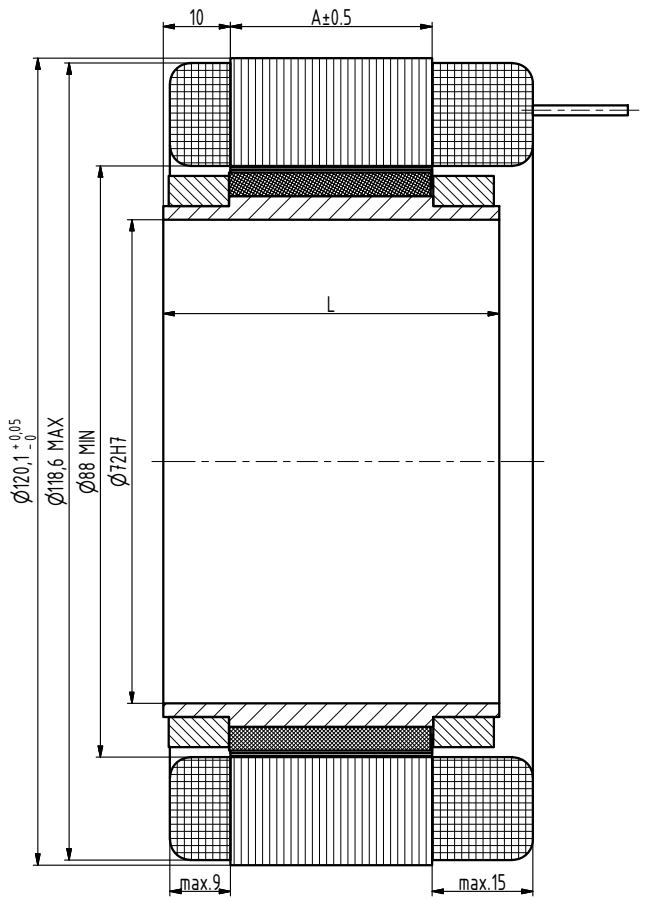
Sensors	
Temperature	PT1000 {PT1000}

Torque / speed curve



Connector 1 (259)	
white	U
blue	V
red	W

2x Therm
2x Brake



TYP	A	L
Q2-0650	30	50
Q2-1200	60	80
Q2-2000	120	140
Q2-2550	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 Q2

Q2000 00 Z

Listů List