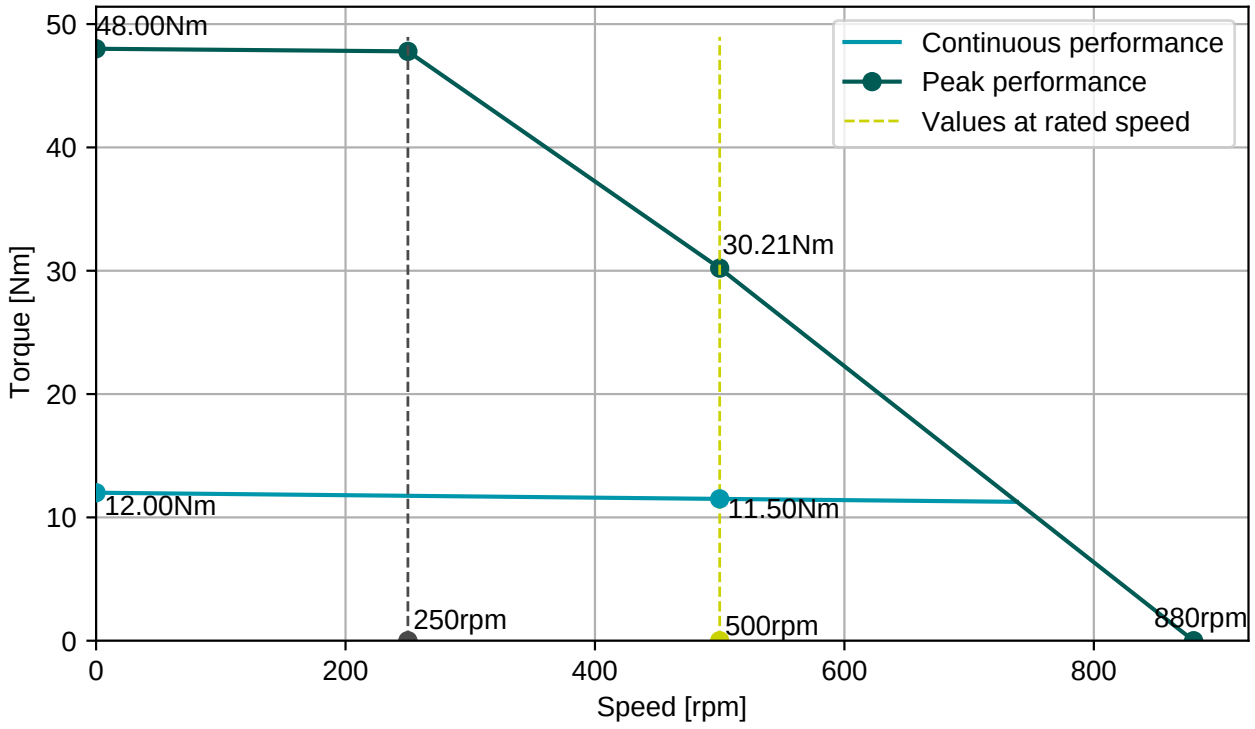
Engineering data (WIN 1412)		
DC bus voltage	560	V DC
Nominal AC voltage	380	V AC (rms)
Rated voltage	272	V AC (rms)
Rated power	602	W
Rated speed	500	rpm
Rated torque	11.50	Nm
Rated current	1.64	A (rms)
Peak torque	48	Nm
Peak current	8.1	A (rms)
Stall torque	12	Nm
Stall current	1.68	A (rms)
No load speed	880	rpm
EMF constant ±10%	433	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	7.162	Nm / A (rms)
Torque constant ±10% @ rated load	7.012	Nm / A (rms)
Number of poles	22	
Electrical time constant	2.89	ms
Winding terminal resistance	24.004	Ω
Rotary field terminal inductance	69.3	mH

Customs info	
HS Code	85015100

Mechanical data (setting 6)		
Max mechanical speed	6000	rpm
Mech. time constant	0.99	ms
Thermal time constant	36	min
Rotor inertia	12.2	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	3.65	kg

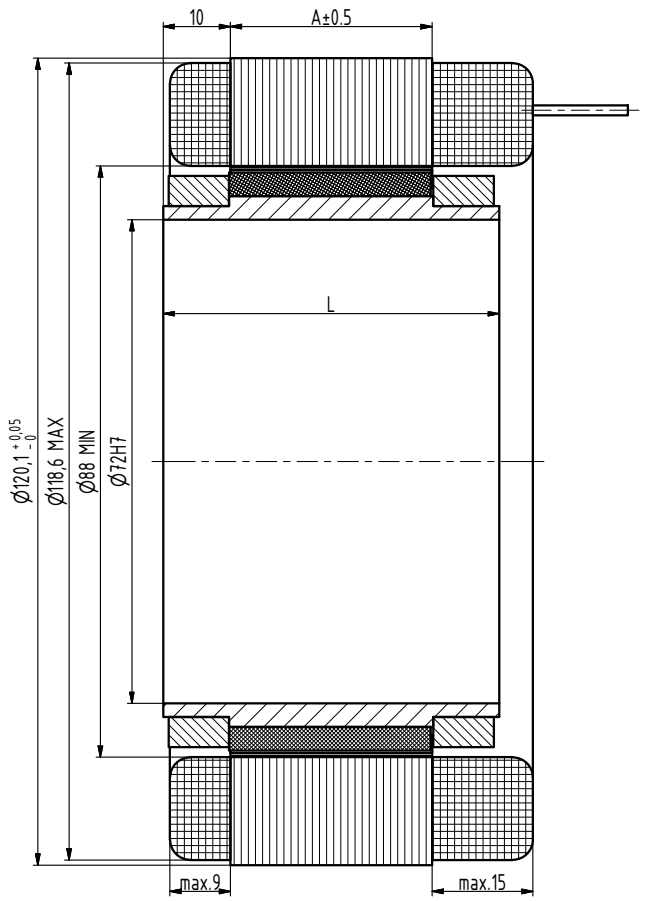
Sensors	
Temperature	PT1000 {PT1000}

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