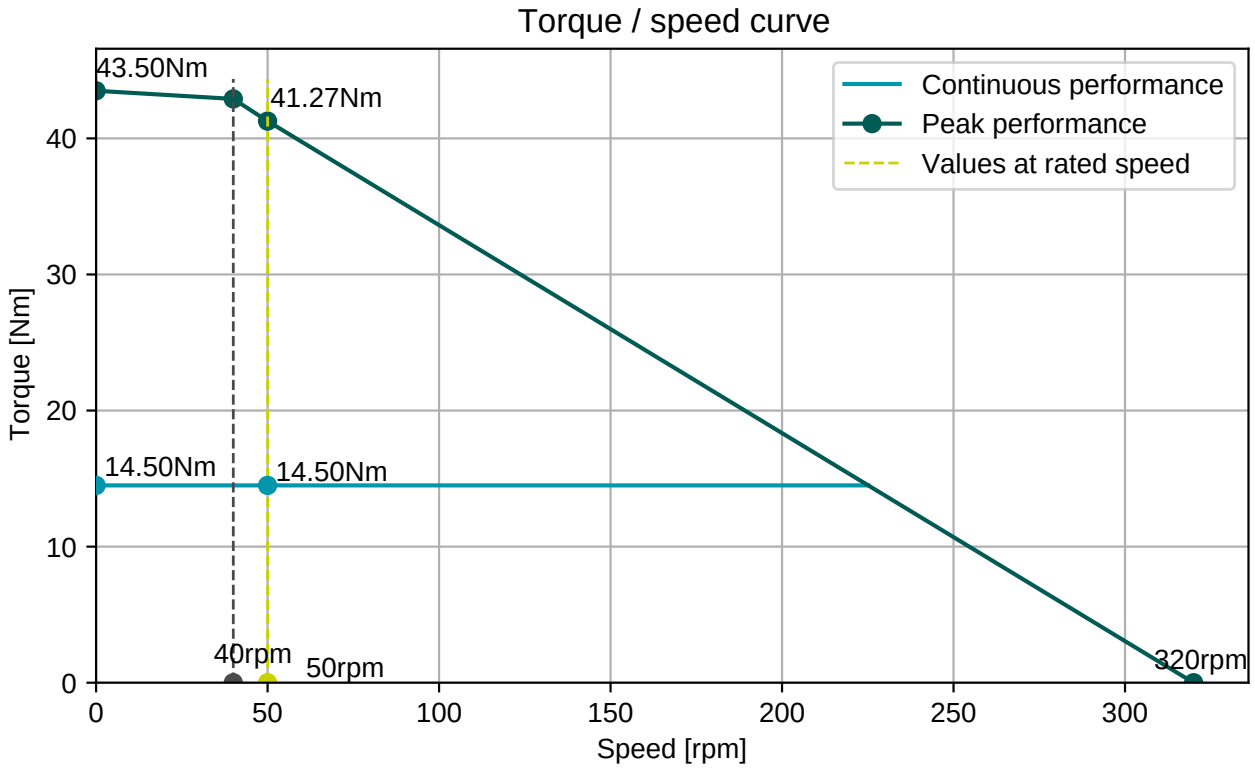
Engineering data (WIN 1407)		
DC bus voltage	24	V DC
Nominal AC voltage	17	V AC (rms)
Rated voltage	7	V AC (rms)
Rated power	76	W
Rated speed	50	rpm
Rated torque	14.50	Nm
Rated current	17.23	A (rms)
Peak torque	43.5	Nm
Peak current	67.7	A (rms)
Stall torque	14.5	Nm
Stall current	16.5	A (rms)
No load speed	320	rpm
EMF constant ±10%	53	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.877	Nm / A (rms)
Torque constant ±10% @ rated load	0.842	Nm / A (rms)
Number of poles	22	
Electrical time constant	6.12	ms
Winding terminal resistance	0.183	Ω
Rotary field terminal inductance	1.12	mH

Customs info	
HS Code	85015100

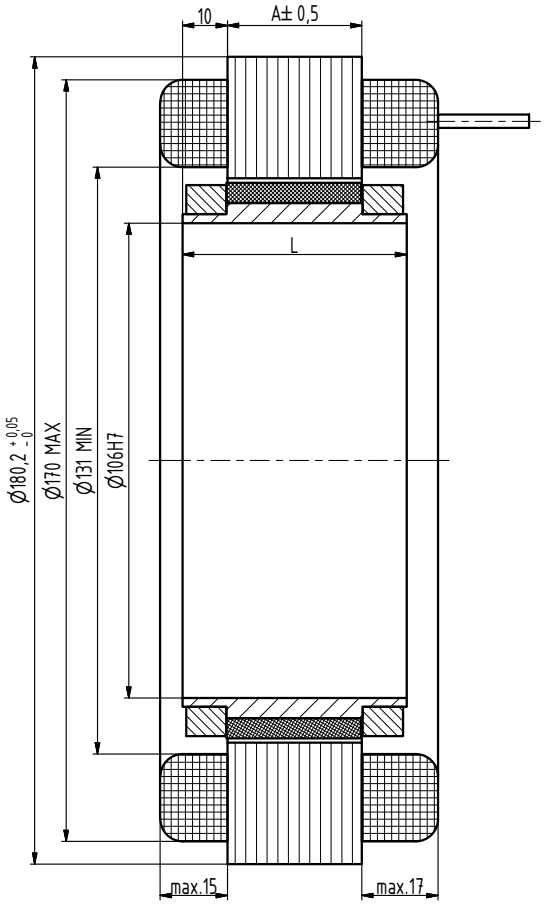
Mechanical data (setting 6)		
Max mechanical speed	3500	rpm
Mech. time constant	1.03	ms
Thermal time constant	33	min
Rotor inertia	24.9	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	3.7	kg

Sensors	
Temperature	PT1000 {PT1000}



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