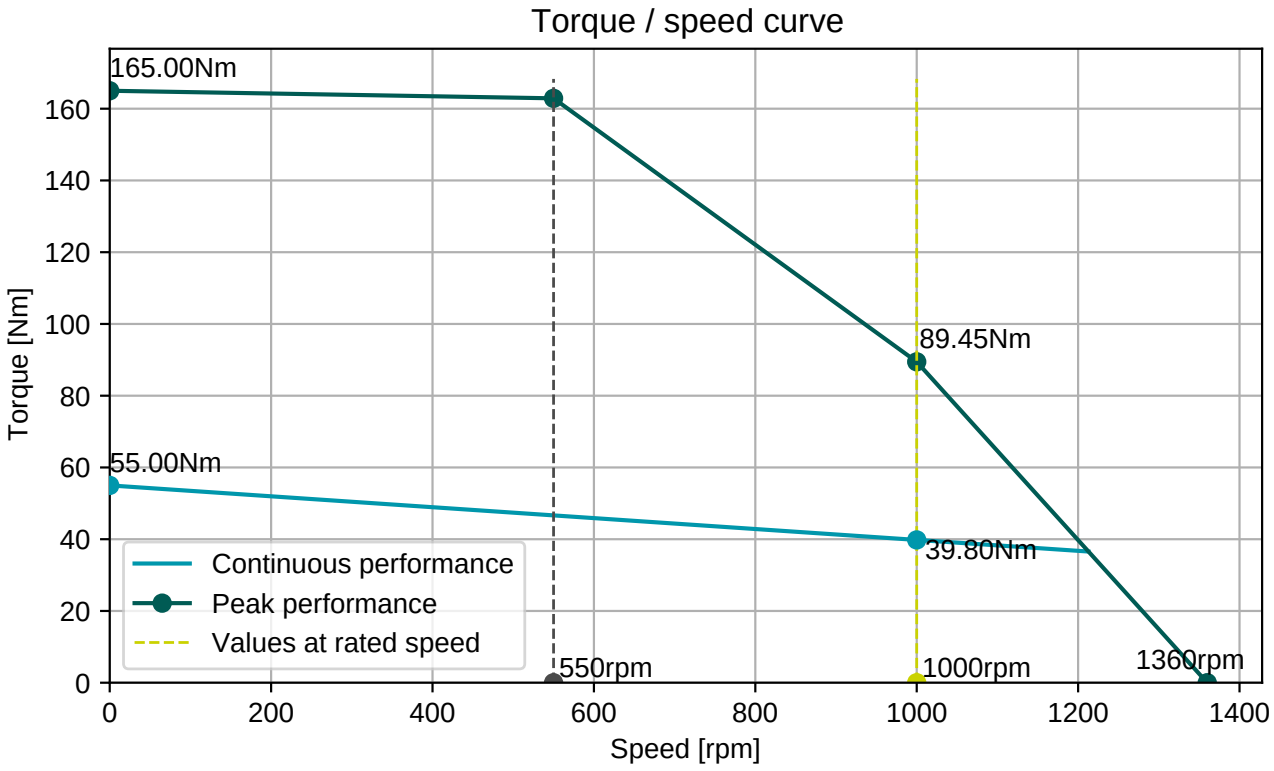
Engineering data (WIN -408)		
DC bus voltage	560	V DC
Nominal AC voltage	380	V AC (rms)
Rated voltage	307	V AC (rms)
Rated power	4.2	kW
Rated speed	1000	rpm
Rated torque	39.80	Nm
Rated current	9.12	A (rms)
Peak torque	165	Nm
Peak current	48.98	A (rms)
Stall torque	55	Nm
Stall current	11.96	A (rms)
No load speed	1360	rpm
EMF constant ±10%	278	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	4.6	Nm / A (rms)
Torque constant ±10% @ rated load	4.4	Nm / A (rms)
Number of poles	22	
Electrical time constant	10.41	ms
Winding terminal resistance	0.97	Ω
Rotary field terminal inductance	10.1	mH

Customs info	
HS Code	85015220

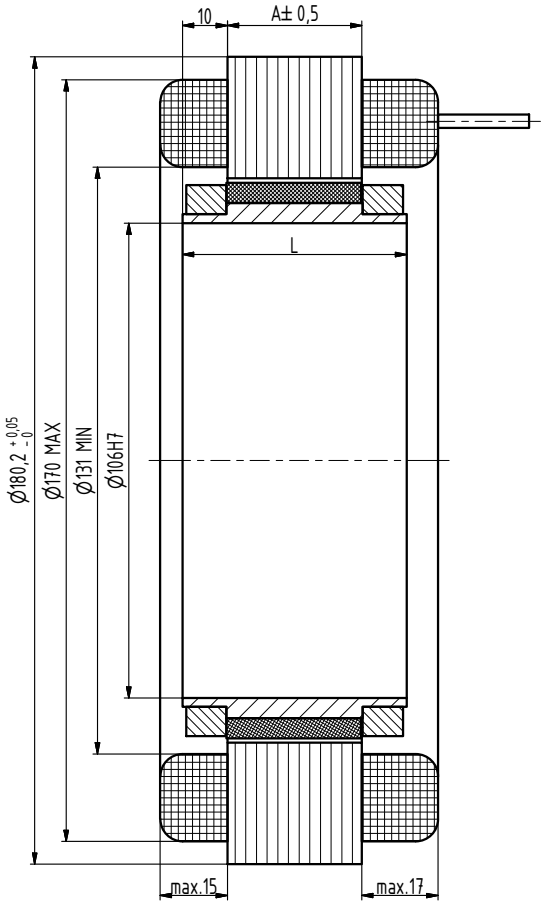
Mechanical data (setting 6)		
Max mechanical speed	4000	rpm
Mech. time constant	0.79	ms
Thermal time constant	80	min
Rotor inertia	99.6	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	13.5	kg

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