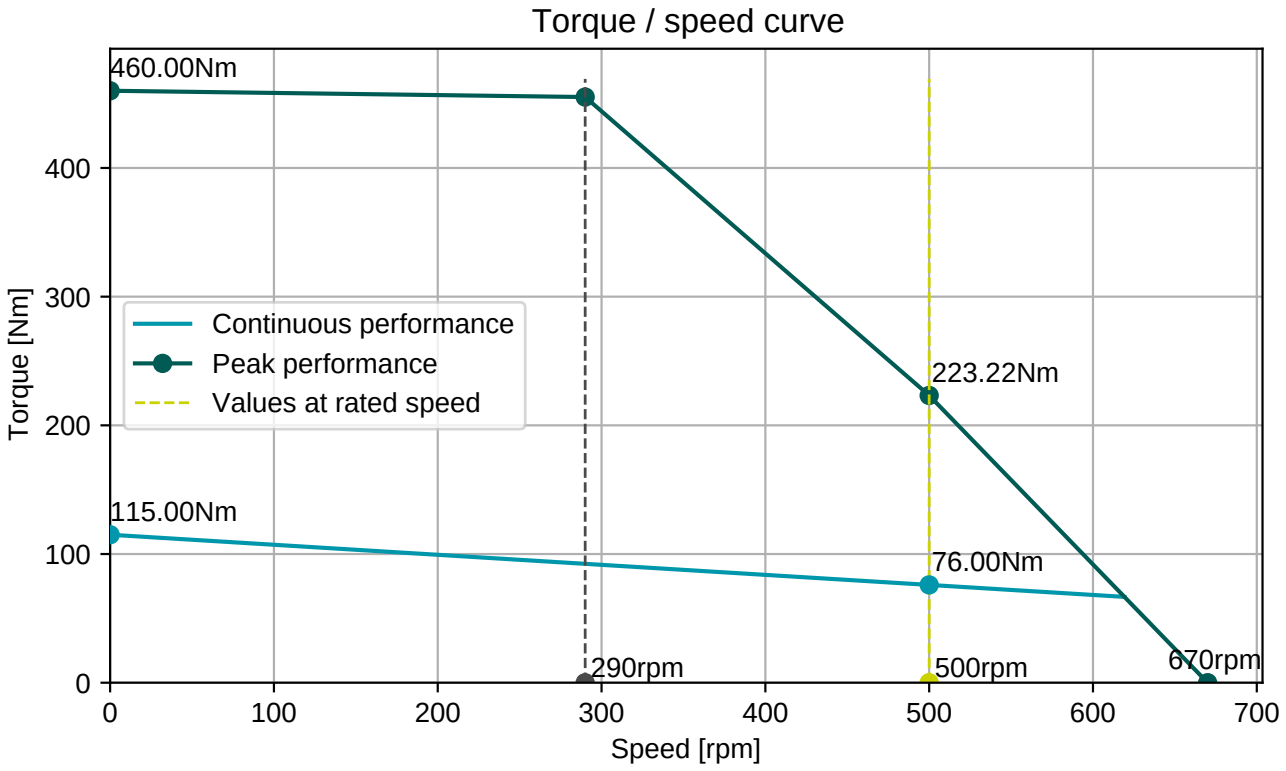
Engineering data (WIN -601)		
DC bus voltage	320	V DC
Nominal AC voltage	220	V AC (rms)
Rated voltage	177	V AC (rms)
Rated power	4.0	kW
Rated speed	500	rpm
Rated torque	76.00	Nm
Rated current	14.82	A (rms)
Peak torque	460	Nm
Peak current	101.48	A (rms)
Stall torque	115	Nm
Stall current	21.07	A (rms)
No load speed	670	rpm
EMF constant ±10%	330	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	5.46	Nm / A (rms)
Torque constant ±10% @ rated load	5.13	Nm / A (rms)
Number of poles	40	
Electrical time constant	8.29	ms
Winding terminal resistance	0.34	Ω
Rotary field terminal inductance	2.82	mH

Customs info	
HS Code	85015220

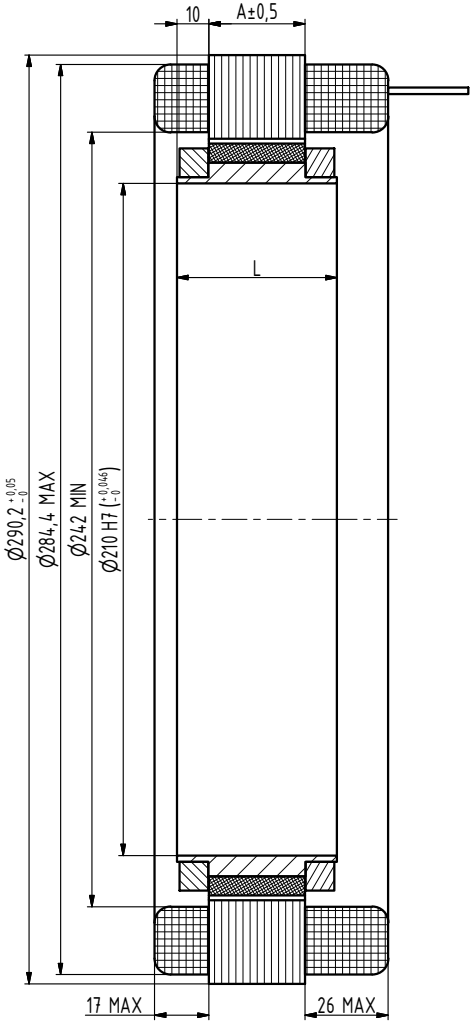
Mechanical data (setting 6)		
Max mechanical speed	2500	rpm
Mech. time constant	0.96	ms
Thermal time constant	57	min
Rotor inertia	486	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	13.9	kg

Sensors	
Temperature	PT1000 {PT1000}



Connector 1 (259)	
white	U
blue	V
red	W

2x Therm
2x Brake



TYP	A	L
Q6-0600	30	50
Q6-1150	60	80
Q6-1650	90	110
Q6-2120	120	140
Q6-2580	150	170

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

NÁZEV
Motor Q6

Q6000 00 Z

Listů List