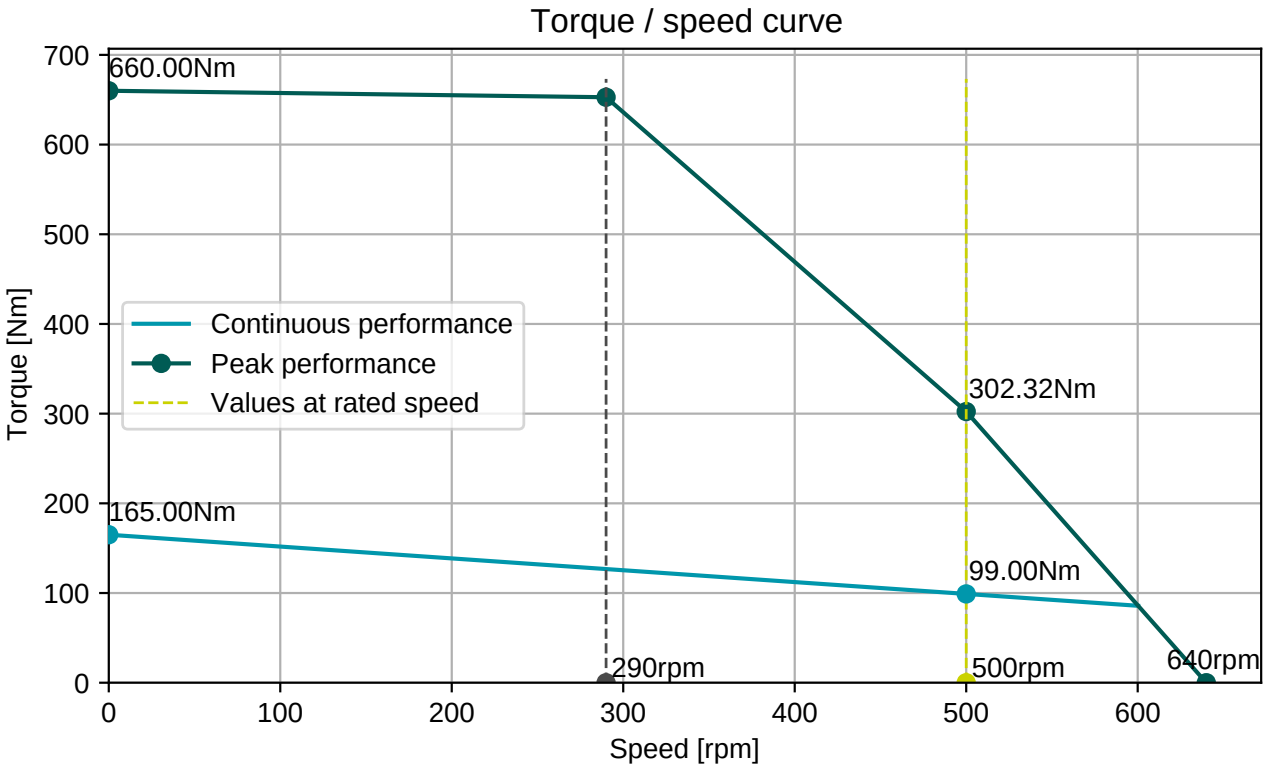
Engineering data (WIN -602)		
DC bus voltage	320	V DC
Nominal AC voltage	220	V AC (rms)
Rated voltage	182	V AC (rms)
Rated power	5.2	kW
Rated speed	500	rpm
Rated torque	99.00	Nm
Rated current	18.61	A (rms)
Peak torque	660	Nm
Peak current	139.27	A (rms)
Stall torque	165	Nm
Stall current	28.92	A (rms)
No load speed	640	rpm
EMF constant ±10%	345	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	5.71	Nm / A (rms)
Torque constant ±10% @ rated load	5.32	Nm / A (rms)
Number of poles	40	
Electrical time constant	9.32	ms
Winding terminal resistance	0.22	Ω
Rotary field terminal inductance	2.05	mH

Customs info	
HS Code	85015220

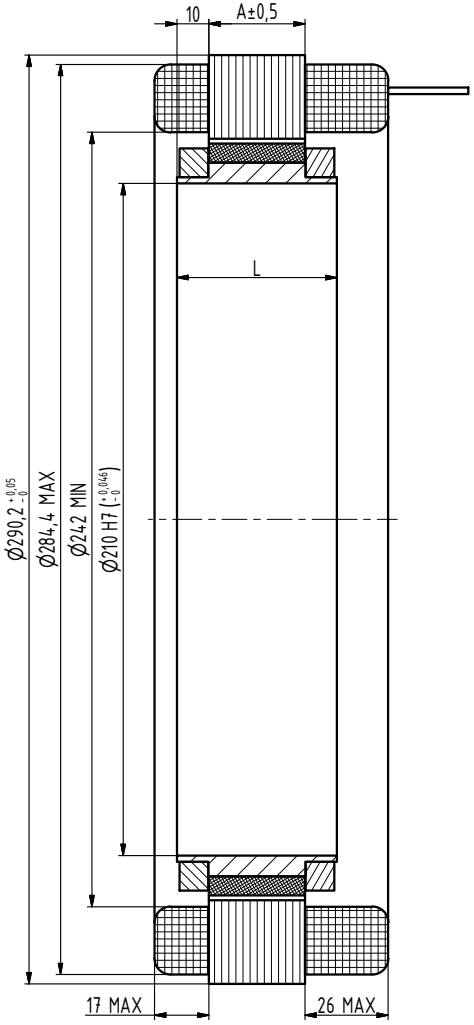
Mechanical data (setting 6)		
Max mechanical speed	2500	rpm
Mech. time constant	0.85	ms
Thermal time constant	64	min
Rotor inertia	729	kgcm²
Protection	IP00	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	20	kg

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