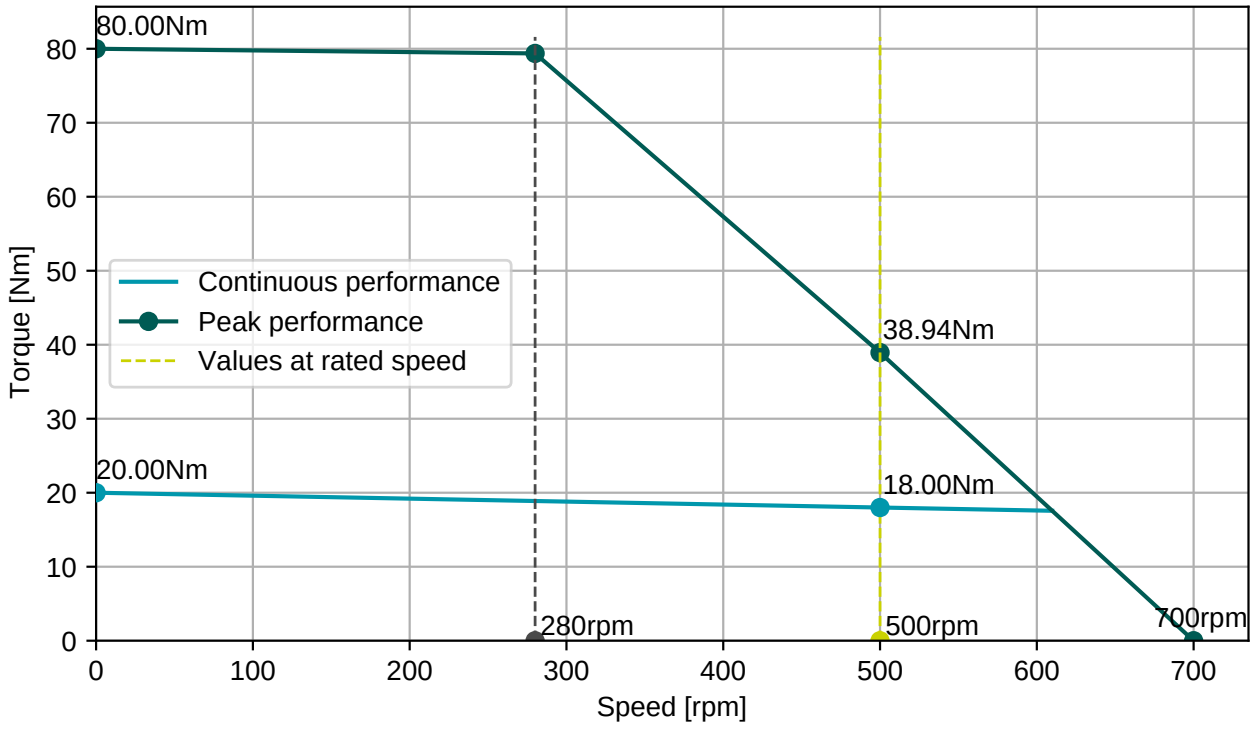
Engineering data (WIN 1413)		
DC bus voltage	560	V DC
Nominal AC voltage	380	V AC (rms)
Rated voltage	316	V AC (rms)
Rated power	942	W
Rated speed	500	rpm
Rated torque	18.00	Nm
Rated current	2.1	A (rms)
Peak torque	80	Nm
Peak current	9.8	A (rms)
Stall torque	20	Nm
Stall current	2.25	A (rms)
No load speed	700	rpm
EMF constant ±10%	538	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	8.898	Nm / A (rms)
Torque constant ±10% @ rated load	8.571	Nm / A (rms)
Number of poles	22	
Electrical time constant	3.36	ms
Winding terminal resistance	15.975	Ω
Rotary field terminal inductance	53.6	mH

Customs info	
HS Code	85015220

Mechanical data (setting 49)		
Max mechanical speed	6000	rpm
Mech. time constant	0.85	ms
Thermal time constant	46	min
Rotor inertia	24.4	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	5.3	kg

Sensors	
Temperature	PT1000 {PT1000}
Feedback	SEM90 (Hiperface) multi-turn, 64 imp.rev.

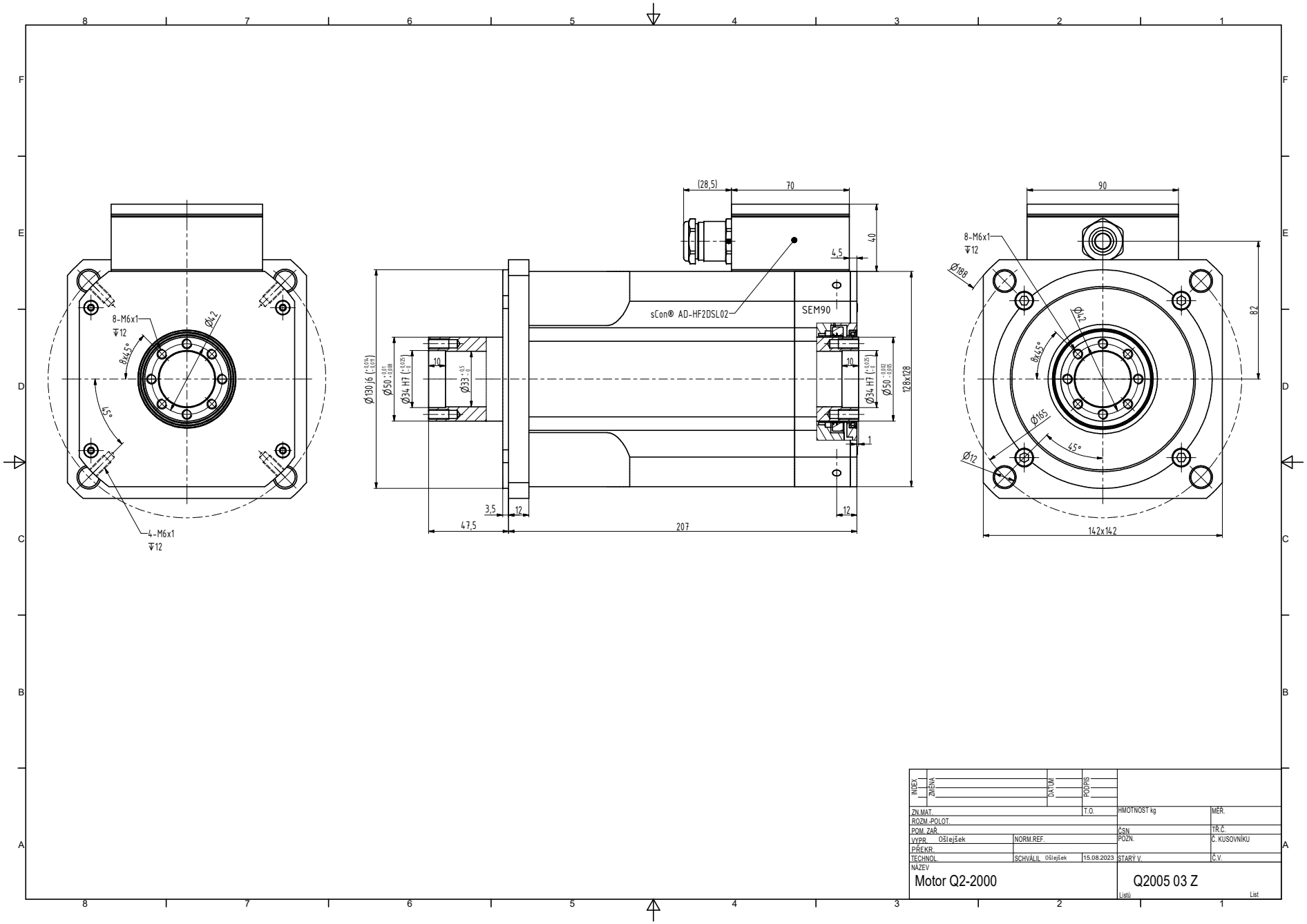
Torque / speed curve



Cable DSL4x1 (2x0,25) , D=10,3±0,4mm

Connector 1 (500)	
1	U
2	V
3	W
PE	PE
5	Brake+
6	Brake-
brown	+Us/DSL+
white	GND/DSL-

Numbers printed on the cables



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
PŘEKR.					
TECHNOL.	SCHVÁLIL Ošlejšek	15.08.2023		STARÝ V.	Č.V.
NÁZEV	Motor Q2-2000			Q2005 03 Z	
				Listů	List