

Engineering data (WIN 1412)

DC bus voltage	560 V DC
Nominal AC voltage	380 V AC (rms)
Rated voltage	272 V AC (rms)
Rated power	602 W
Rated speed	500 rpm
Rated torque	11.50 Nm
Rated current	1.64 A (rms)
Peak torque	48 Nm
Peak current	8.1 A (rms)
Stall torque	12 Nm
Stall current	1.68 A (rms)
No load speed	880 rpm
EMF constant ±10%	433 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	7.162 Nm / A (rms)
Torque constant ±10% @ rated load	7.012 Nm / A (rms)
Number of poles	22
Electrical time constant	2.89 ms
Winding terminal resistance	24.004 Ω
Rotary field terminal inductance	69.3 mH

Customs info

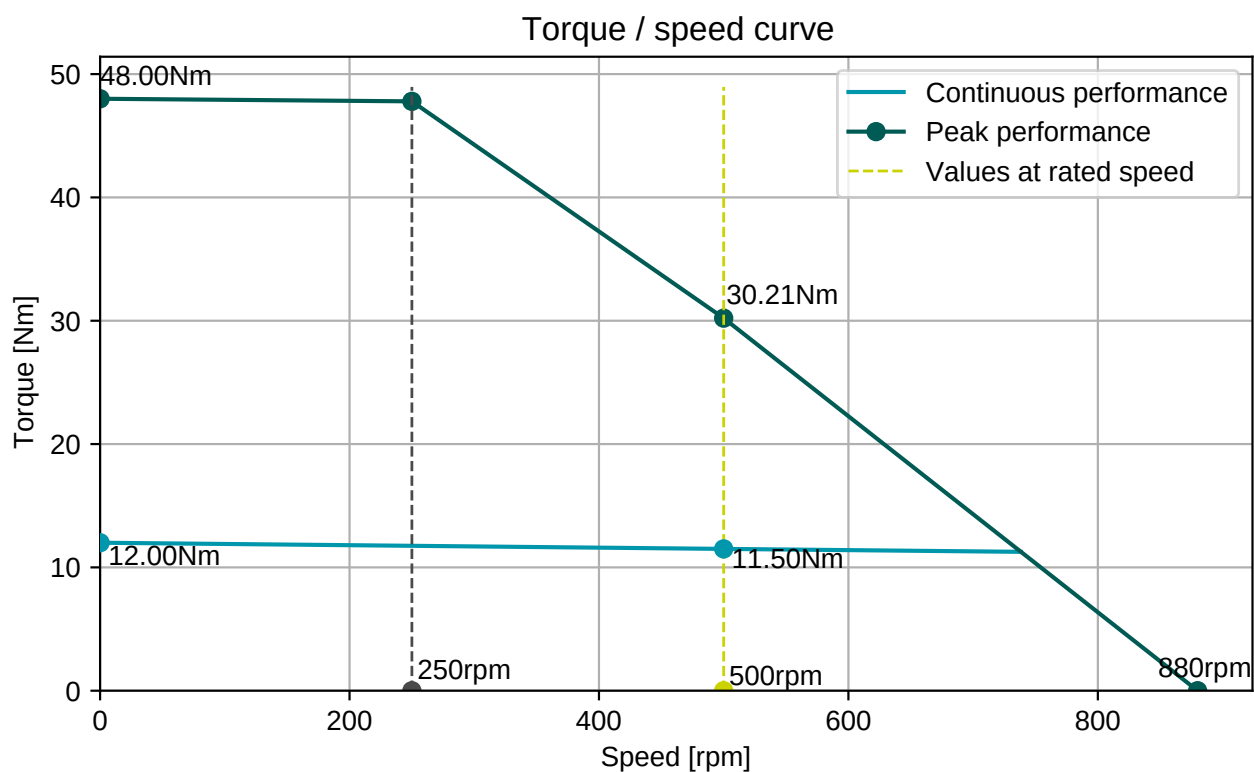
HS Code	85015100
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Mechanical data (setting 49)

Max mechanical speed	6000 rpm
Mech. time constant	0.99 ms
Thermal time constant	36 min
Rotor inertia	12.2 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Motor-only mass	5.3 kg

Sensors

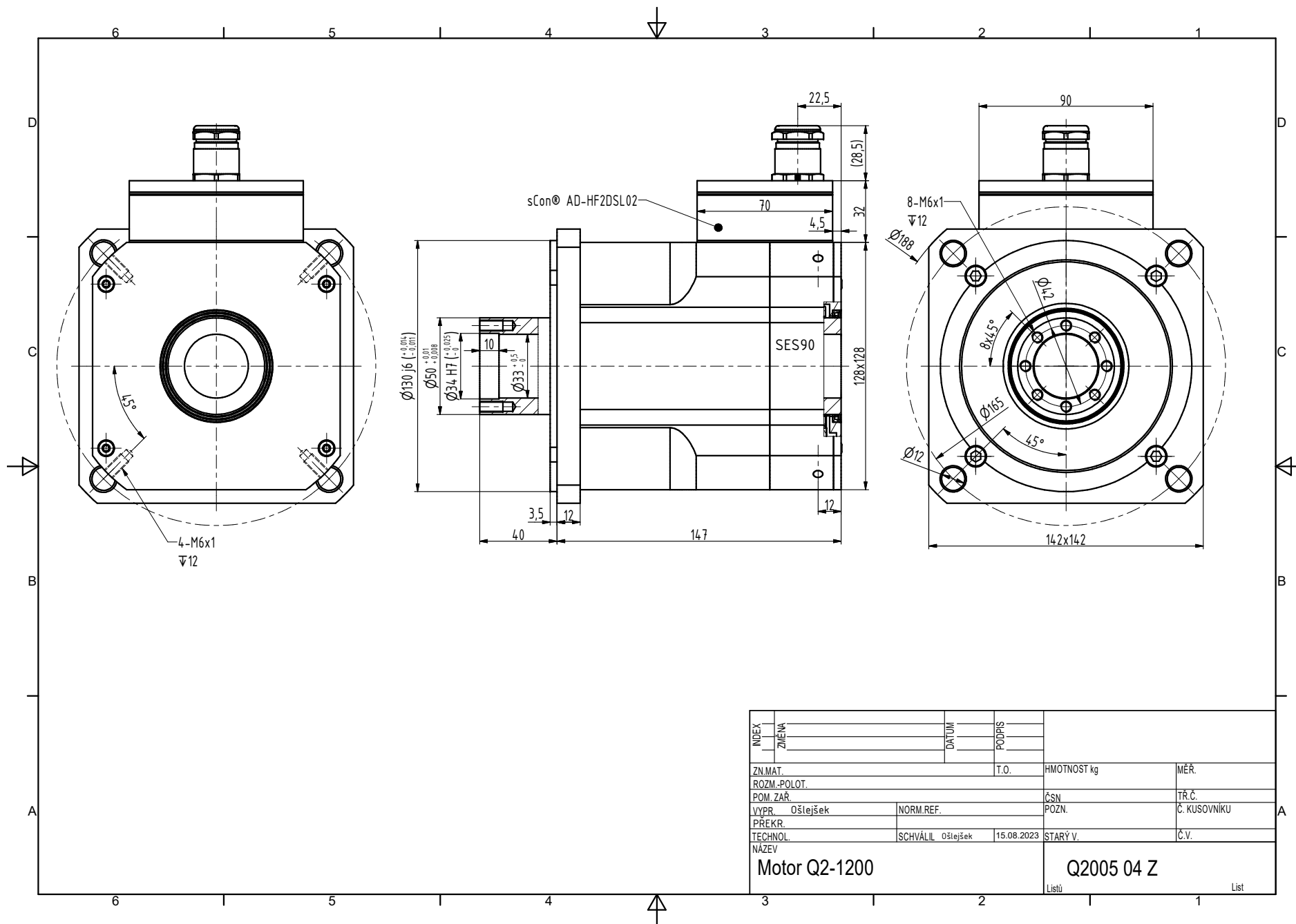
Temperature	PT1000 {PT1000}
Feedback	SES90 (Hiperface) single-turn, 64 imp.rev.



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	ZNĚNA	DATUM	PODPIS		
ZN.MAT.			T.O.	HMOTNOST kg	MĚŘ.
ROZM.-POLOT.					
POM. ZAŘ.				ČSN	TR.Č.
VYPR. Ošlejšek		NORM.REF.		POZN.	Č. KUSOVNIKU
PREKR.					
TECHNOL.		SCHVÁLIL Ošlejšek	15.08.2023	STARÝ V.	Č.V.
NÁZEV					
Motor Q2-1200				Q2005 04 Z	
				Listů	List