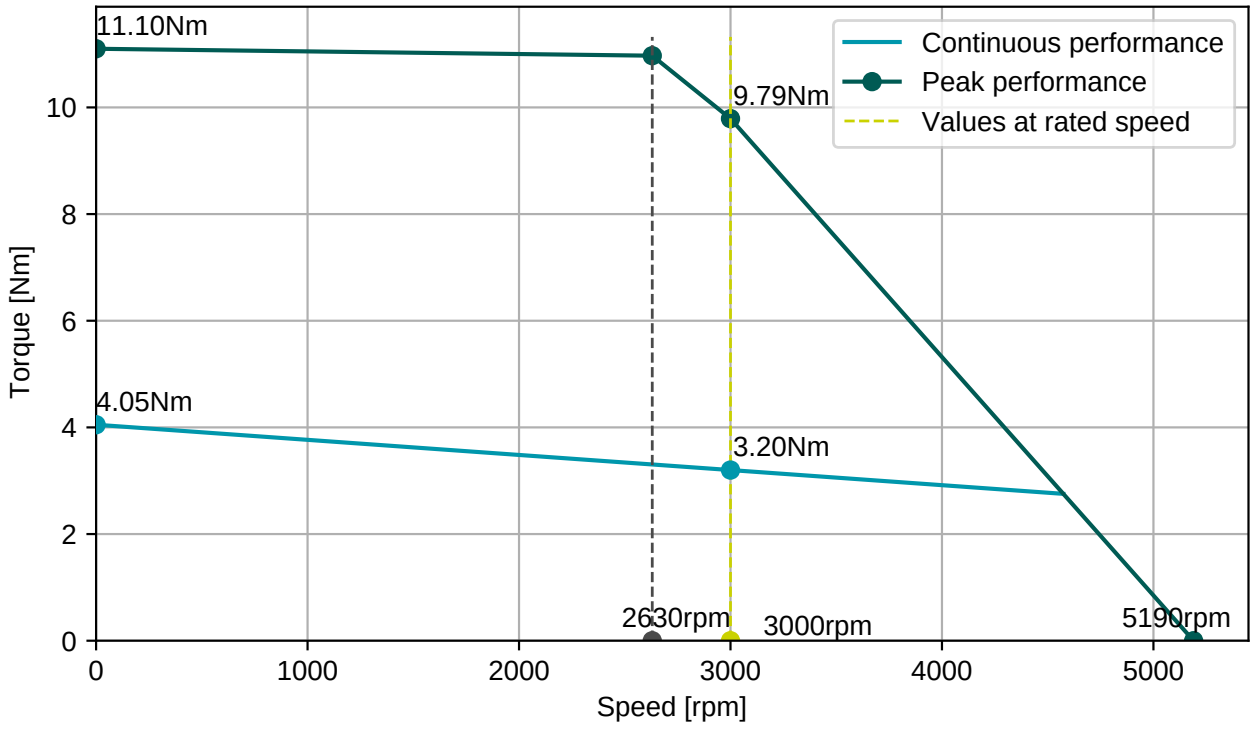
Engineering data (WIN 1364)		
DC bus voltage	48	V DC
Nominal AC voltage	33	V AC (rms)
Rated voltage	21	V AC (rms)
Rated power	1.0	kW
Rated speed	3000	rpm
Rated torque	3.20	Nm
Rated current	31.82	A (rms)
Peak torque	11.1	Nm
Peak current	153.8	A (rms)
Stall torque	4.05	Nm
Stall current	38.6	A (rms)
No load speed	5190	rpm
EMF constant ±10%	6.35	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.105	Nm / A (rms)
Torque constant ±10% @ rated load	0.101	Nm / A (rms)
Number of poles	10	
Electrical time constant	4.44	ms
Winding terminal resistance	0.027	Ω
Rotary field terminal inductance	0.12	mH

Customs info	
HS Code	85015220

Mechanical data (setting 48)		
Max mechanical speed	9000	rpm
Mech. time constant	1.02	ms
Thermal time constant	37	min
Rotor inertia	2.4	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	4	kg

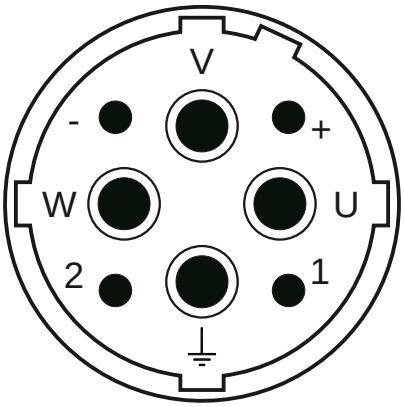
Sensors	
Temperature	PT1000 {PT1000}
Feedback	EEM37 (HDSL) multi-turn, 17+12 bits

Torque / speed curve

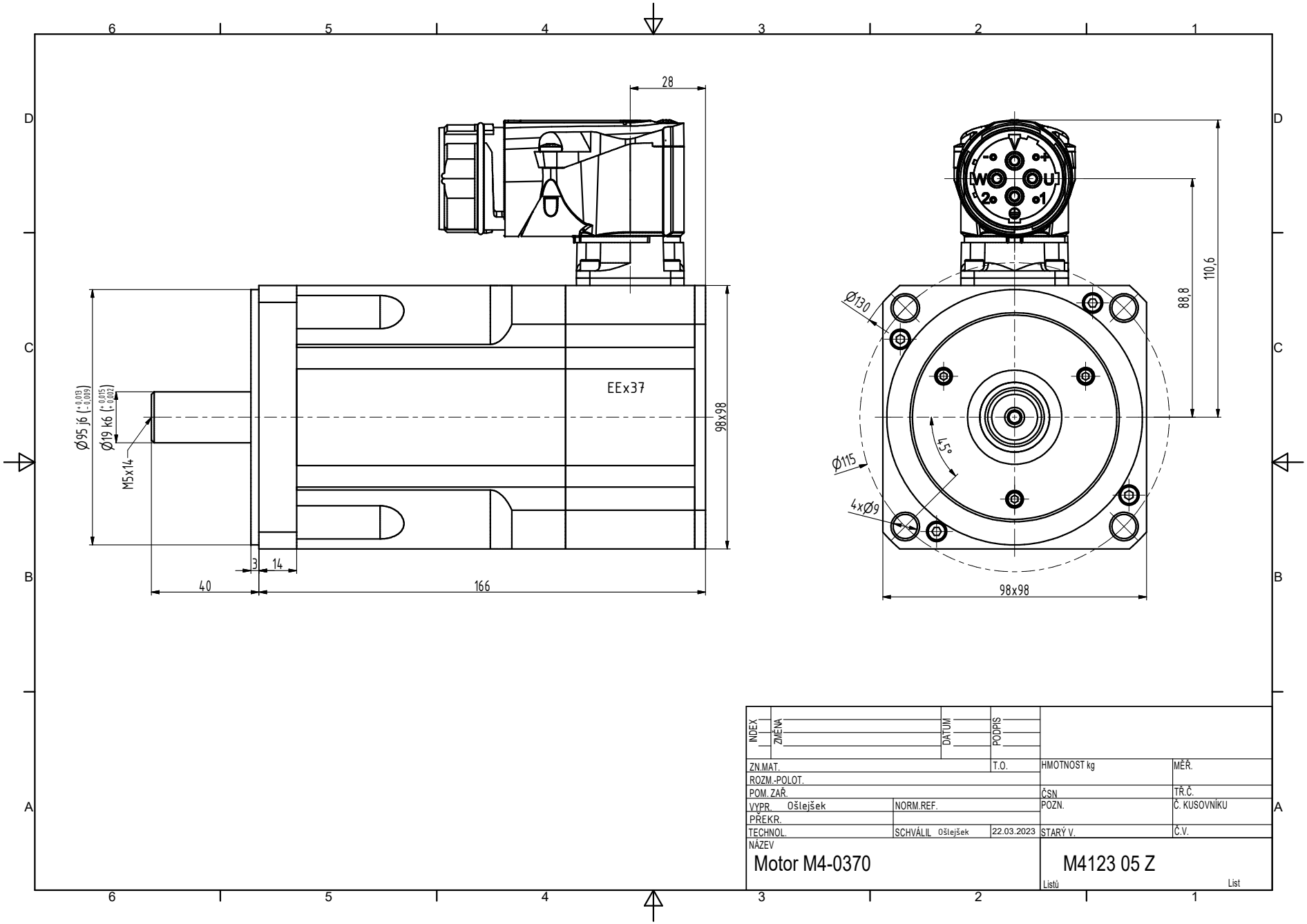


CEA271N00000051000

M40, 8 poles, rotary base



Connector 1 (151)	
U	U
V	V
W	W
PE	PE
+	Brake+
-	Brake-
1	Therm+
2	Therm-


28
EEx37
98x98
Ø95 j6 (+0,013 -0,009)
Ø19 k6 (+0,015 +0,002)
M5x14
3
14
40
166
Ø130
88,8
110,6
Ø115
4xØ9
45°
98x98
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
22.03.2023
STARÝ V.
Č.V.
NÁZEV
Motor M4-0370
M4123 05 Z
Listů
List