Engineering data (WIN 750)		
DC bus voltage	320	V DC
Nominal AC voltage	220	V AC (rms)
Rated voltage	161	V AC (rms)
Rated power	270	W
Rated speed	6000	rpm
Rated torque	0.43	Nm
Rated current	1.3	A (rms)
Peak torque	2.16	Nm
Peak current	6.8	A (rms)
Stall torque	0.54	Nm
Stall current	1.48	A (rms)
No load speed	9870	rpm
EMF constant ±10%	22	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.36	Nm / A (rms)
Torque constant ±10% @ rated load	0.33	Nm / A (rms)
Number of poles	6	
Electrical time constant	1.25	ms
Winding terminal resistance	15.82	Ω
Rotary field terminal inductance	19.8	mH

Customs info	
HS Code	85015100

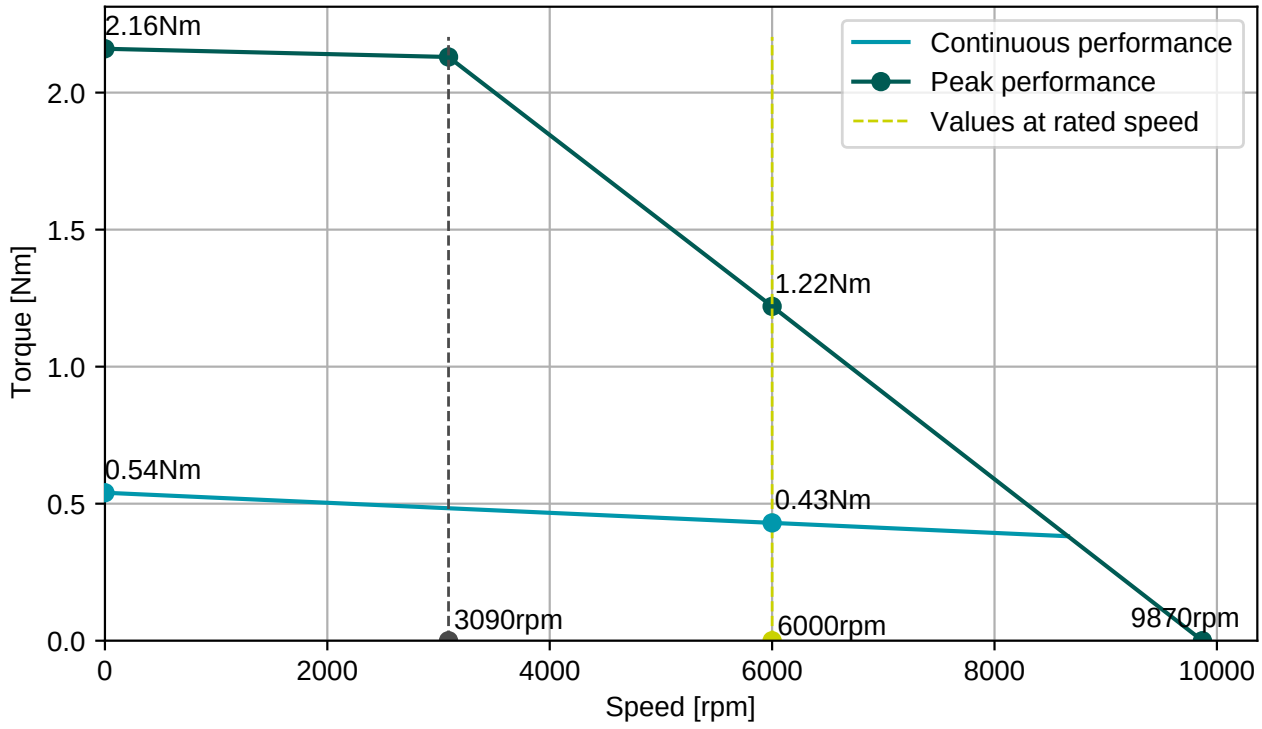
Mechanical data (setting 5)		
Max mechanical speed	12000	rpm
Mech. time constant	1.45	ms
Thermal time constant	12	min
Rotor inertia	0.07	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Max. axial force 20kh	38	N
Max. radial force 20kh*	202	N
Max. axial force 100kh	22	N
Max. radial force 100kh*	118	N

** Defined for point of action at ½ output shaft length*

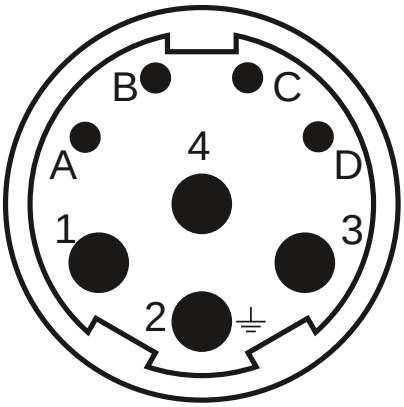
Sensors	
Temperature	PTC 111-K13 {PTC 111-K13 Reissmann}
Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)

Brake		
Braking torque	2.00	Nm
Voltage	24	V DC
Power @20°C	11.0	W
Current @20°C	0.46	A
Inertia	0.08	kgcm²
Mass	0.20	kg

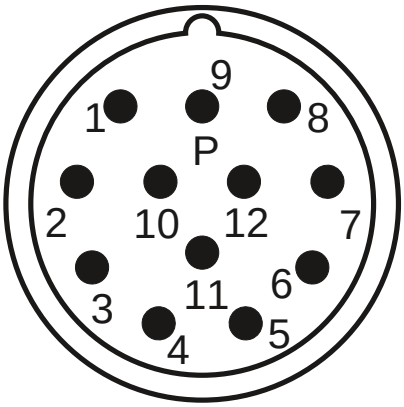
Torque / speed curve



BGC110N00001216000
M23, 8 poles, rotary

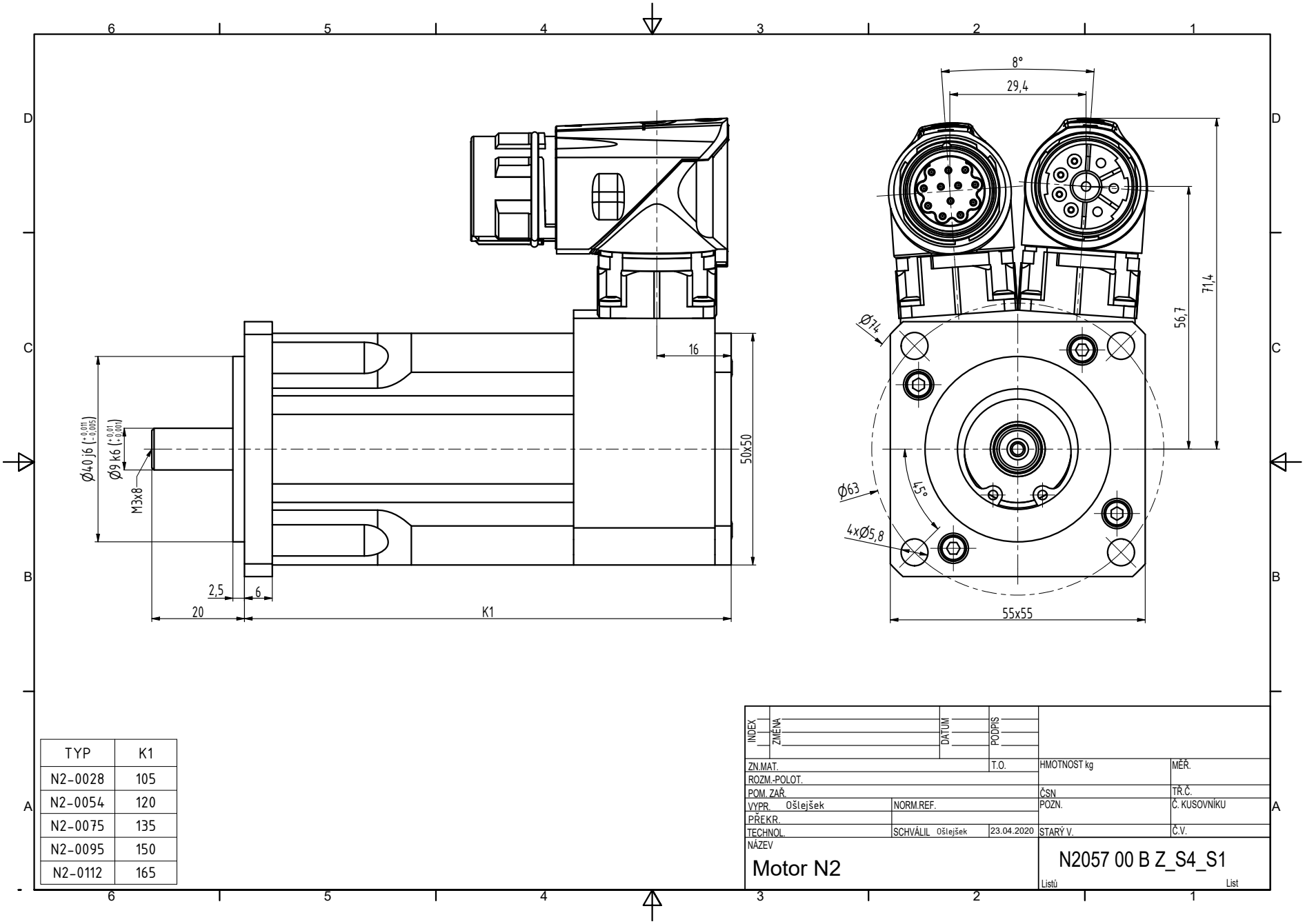


AGC052N00001215000
M23, 12 poles, rotary



Connector 1 (9)	
1	U
4	V
3	W
2	PE
A	Brake+
B	Brake-
C	
D	

Connector 2 (10)	
2	Therm+
3	S4
4	S3
5	R2
6	Therm-
7	S2
8	S1
9	R1



TYP	K1
N2-0028	105
N2-0054	120
N2-0075	135
N2-0095	150
N2-0112	165

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		23.04.2020	STARÝ V.	Č.V.

NÁZEV

Motor N2

N2057 00 B Z_S4_S1

Listů List