Engineering data (WIN 1246)		
DC bus voltage	72	V DC
Nominal AC voltage	50	V AC (rms)
Rated voltage	46	V AC (rms)
Rated power	401	W
Rated speed	4500	rpm
Rated torque	0.85	Nm
Rated current	6.53	A (rms)
Peak torque	3.8	Nm
Peak current	32.2	A (rms)
Stall torque	0.95	Nm
Stall current	7	A (rms)
No load speed	6050	rpm
EMF constant ±10%	8.2	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.136	Nm / A (rms)
Torque constant ±10% @ rated load	0.130	Nm / A (rms)
Number of poles	6	
Electrical time constant	1.36	ms
Winding terminal resistance	0.96	Ω
Rotary field terminal inductance	1.31	mH

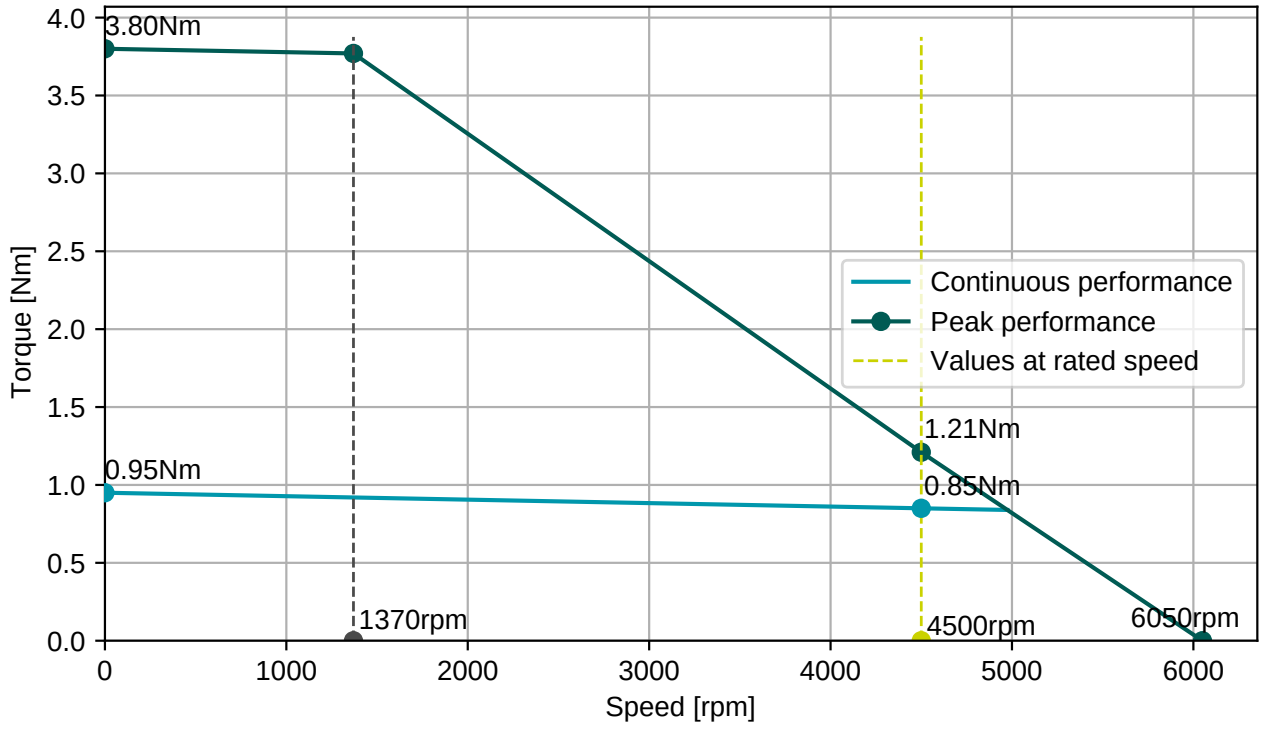
Customs info	
HS Code	85015100

Mechanical data (setting 47)		
Max mechanical speed	12000	rpm
Mech. time constant	0.99	ms
Thermal time constant	18	min
Rotor inertia	0.11	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	1.7	kg
Max. axial force 20kh	36	N
Max. radial force 20kh*	190	N
Max. axial force 100kh	21	N
Max. radial force 100kh*	111	N

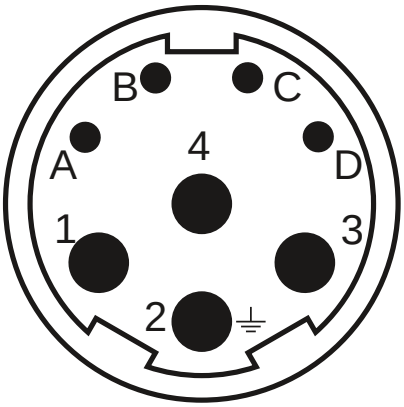
** Defined for point of action at ½ output shaft length*

Sensors	
Temperature	KTY 84-130 {KTY 84-130 Reissmann}
Feedback	KN35 (Comcoder) 4096 imp./rev. + Hall, 6 poles

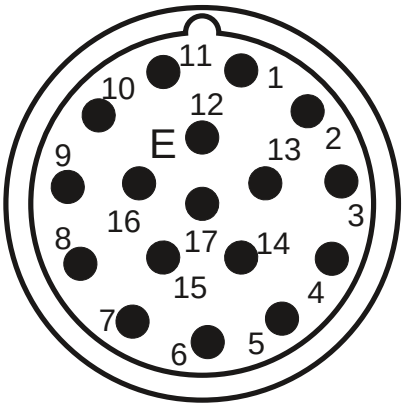
Torque / speed curve



BGC110N00001216000
M23, 8 poles, rotary

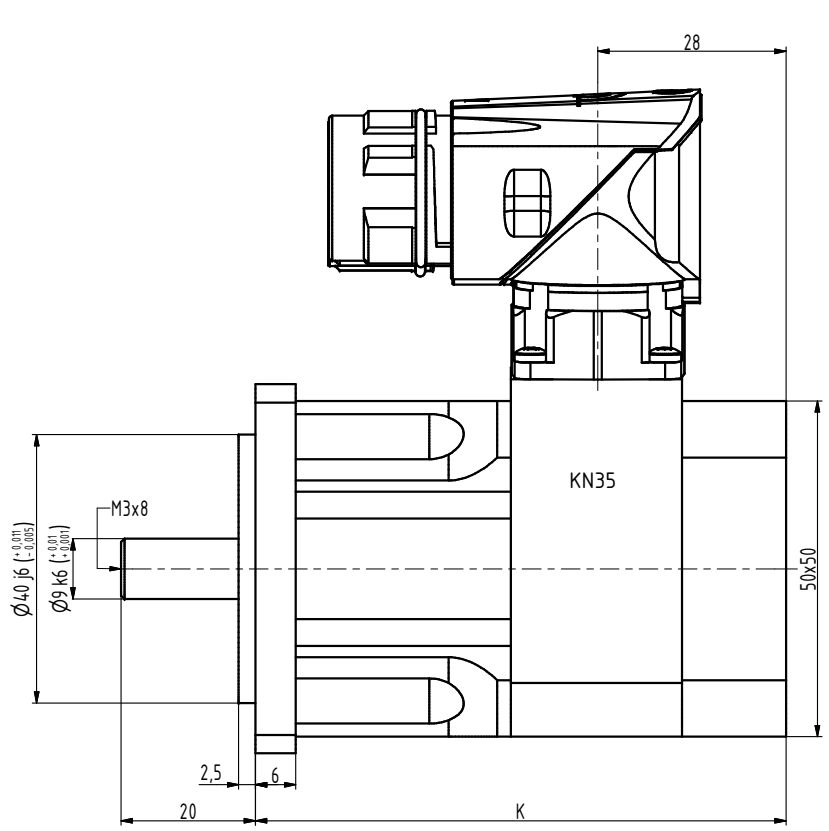


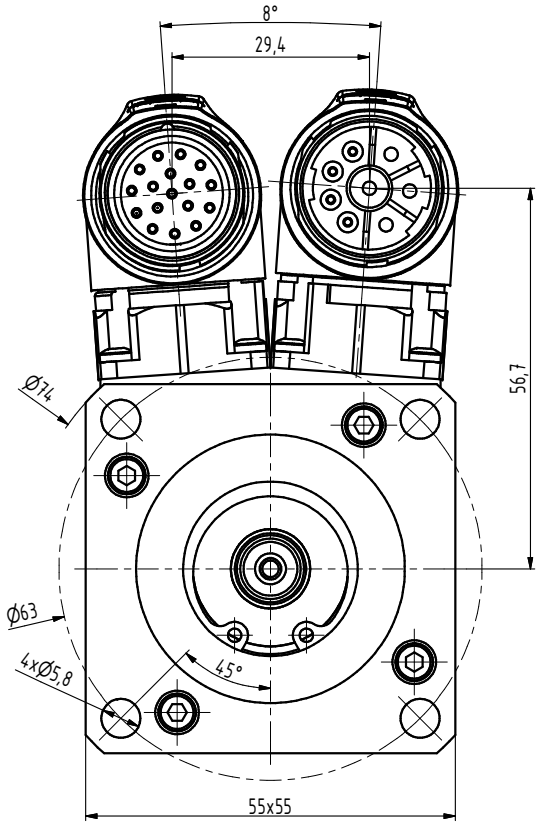
AGC113N00001215000
M23, 17 poles, rotary



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

Connector 2 (373)	
1	B
2	B/
3	A/
4	A
5	N/
6	N
7	GND
10	Vcc
12	V
13	W
14	U
15	V/
16	W/
17	U/





TYP	K
N2-0028	79
N2-0054	94
N2-0075	109
N2-0095	124

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	27.01.2021	STARÝ V.	Č.V.	

NÁZEV

Motor N2

N2108 00 Z_S4_S1

Listů List