Engineering data (WIN -100094)		
DC bus voltage	48	V DC
Nominal AC voltage	33	V AC (rms)
Rated voltage	28	V AC (rms)
Rated power	1.2	kW
Rated speed	1500	rpm
Rated torque	7.60	Nm
Rated current	28.6	A (rms)
Peak torque	23.4	Nm
Peak current	124.76	A (rms)
Stall torque	8.6	Nm
Stall current	31.51	A (rms)
No load speed	2000	rpm
EMF constant ±10%	16.5	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	0.27	Nm / A (rms)
Torque constant ±10% @ rated load	0.27	Nm / A (rms)
Number of poles	10	
Electrical time constant	5.94	ms
Winding terminal resistance	0.064	Ω
Rotary field terminal inductance	0.38	mH

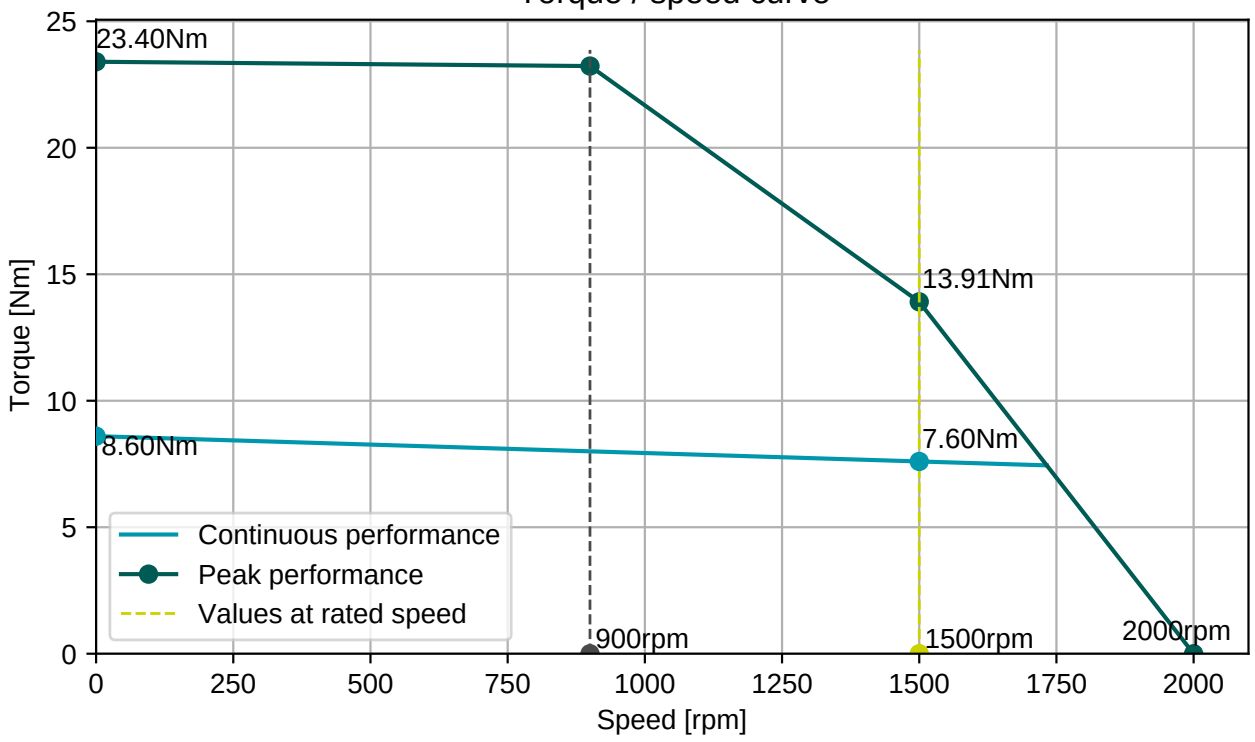
Customs info	
HS Code	85015220

Mechanical data (setting 29)		
Max mechanical speed	9000	rpm
Mech. time constant	0.73	ms
Thermal time constant	44	min
Rotor inertia	4.9	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	

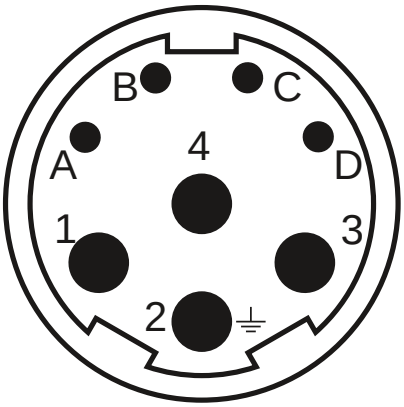
Sensors	
Temperature	PT1000 {PT1000}
Feedback	EQI1131 (EnDat 2.2) multi-turn, 19 + 12 bits

Brake		
Braking torque	9.00	Nm
Voltage	24	V DC
Power @20°C	18.0	W
Current @20°C	0.75	A
Inertia	0.60	kgcm²
Mass	0.82	kg

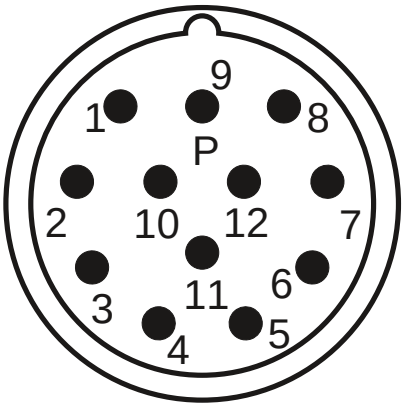
Torque / speed curve



BGC110N00001216000
M23, 8 poles, rotary

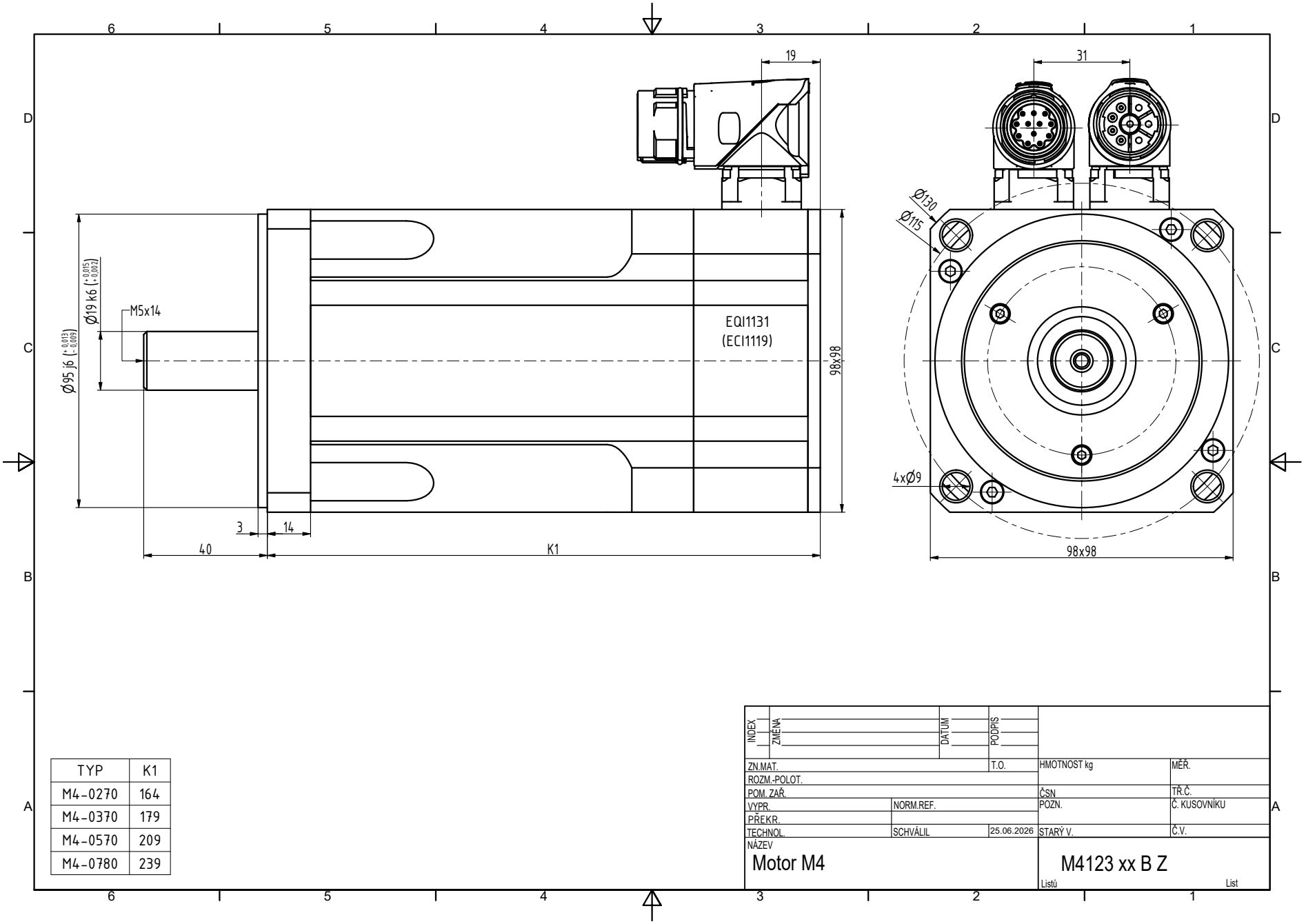


AGC052N00001215000
M23, 12 poles, rotary



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

Connector 2 (293)	
1	Vcc (+5V)
2	GND
3	DATA
4	DATA-
5	CLOCK
6	CLOCK-
7	Therm+
8	Therm-
9	Vcc sensor
10	GND sensor



TYP	K1
M4-0270	164
M4-0370	179
M4-0570	209
M4-0780	239

INDEX	ZMĚNA	DATUM	PODPIS

ZN.MAT.		T.O.	HMOTNOST kg	MĚŘ.	
ROZM.-POLOT.					
POM. ZAŘ.			ČSN	TŘ.Č.	
VYPR.	NORM.REF.		POZN.	Č. KUSOVNÍKU	
PŘEKR.					
TECHNOL.	SCHVÁLIL	25.06.2026	STARÝ V.	Č.V.	

NÁZEV
Motor M4

M4123 xx B Z

Listů List