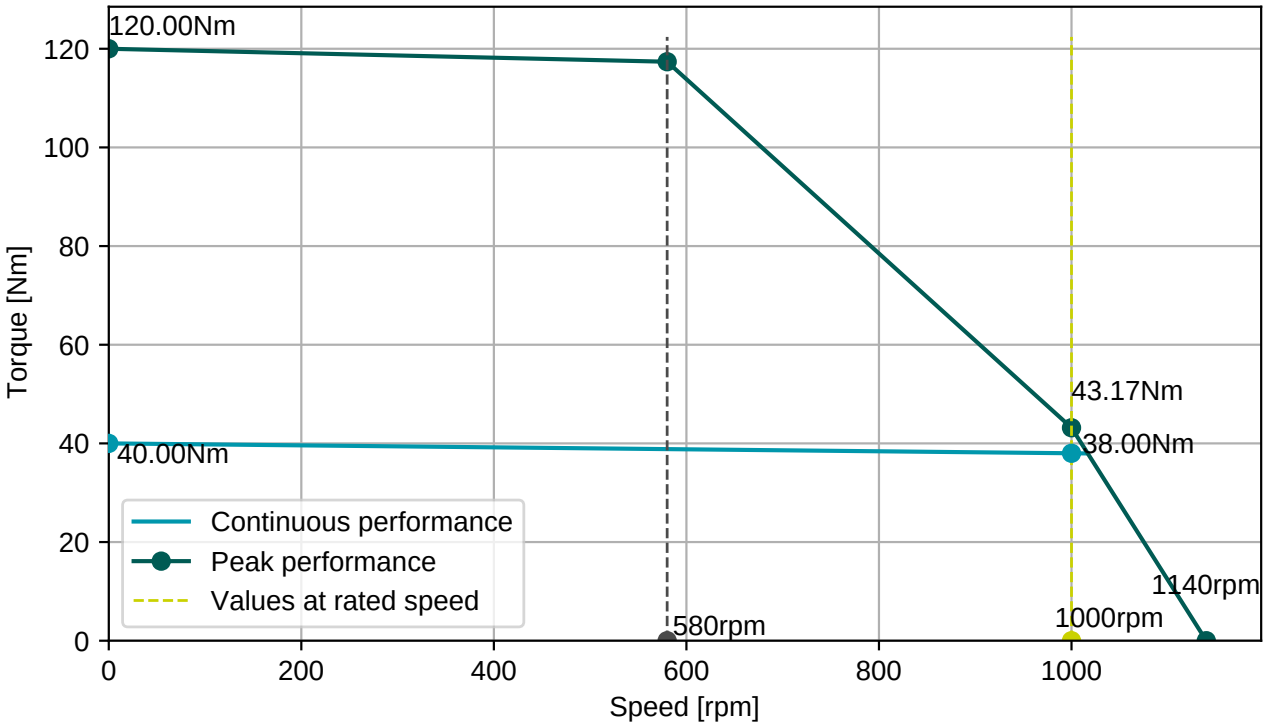
Engineering data (WIN 301)		
DC bus voltage	560	V DC
Nominal AC voltage	330	V AC (rms)
Rated voltage	323	V AC (rms)
Rated power	4.0	kW
Rated speed	1000	rpm
Rated torque	38.00	Nm
Rated current	8.5	A (rms)
Peak torque	120	Nm
Peak current	32.6	A (rms)
Stall torque	40	Nm
Stall current	8.4	A (rms)
No load speed	1140	rpm
EMF constant ±10%	289	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	4.78	Nm / A (rms)
Torque constant ±10% @ rated load	4.47	Nm / A (rms)
Number of poles	6	
Electrical time constant	23.67	ms
Winding terminal resistance	1.66	Ω
Rotary field terminal inductance	39.3	mH

Customs info	
HS Code	85015220

Mechanical data (setting 31)		
Max mechanical speed	3600	rpm
Mech. time constant	0.96	ms
Thermal time constant	47	min
Rotor inertia	76.1	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	37	kg

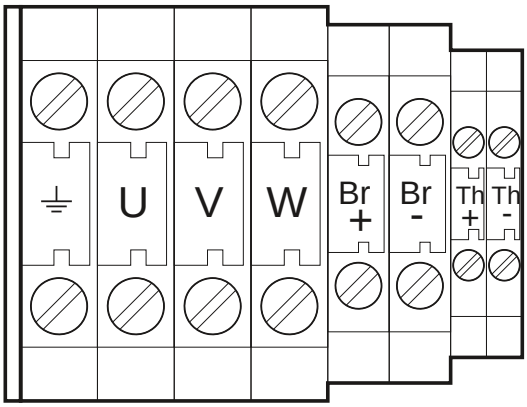
Sensors	
Temperature	PT1000 {PT1000}
Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)

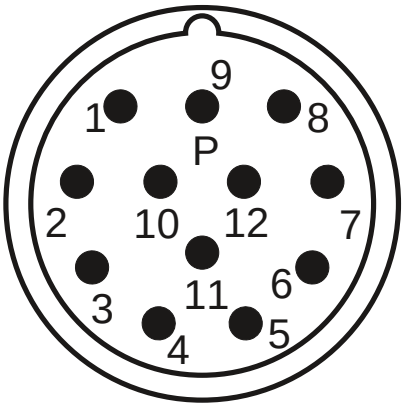
Torque / speed curve



AFC114N00000214000

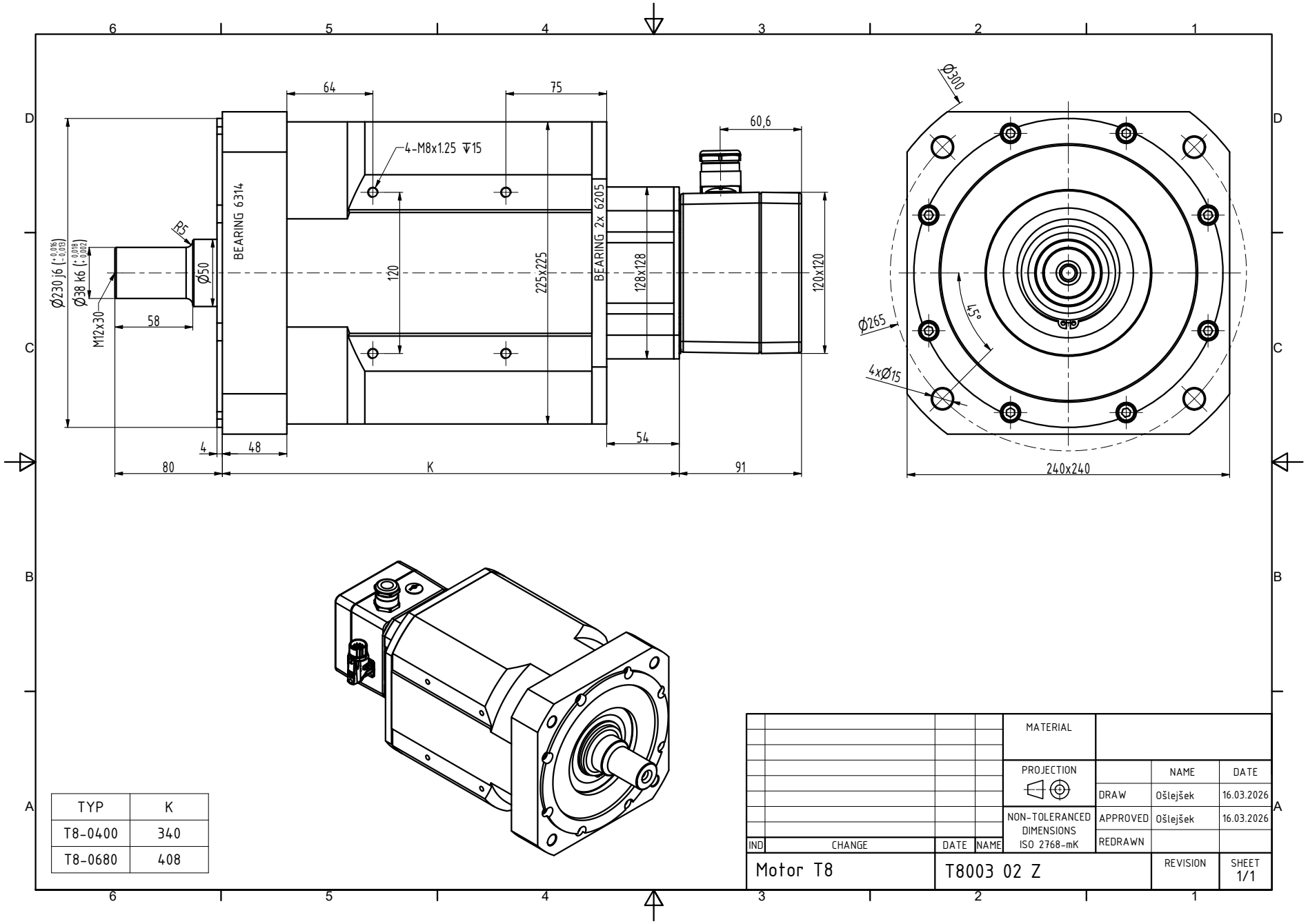
M23, 12 poles, rectangular





Connector 1 (52)	
PE	PE
U	U
V	V
W	W
Br+	Brake+
Br-	Brake-
Th+	Therm+
Th-	Therm-

Connector 2 (2)	
4	S1
8	S3
3	S4
7	S2
5	R2
9	R1



TYP	K
T8-0400	340
T8-0680	408

IND	CHANGE	DATE	NAME

MATERIAL

PROJECTION

NON-TOLERANCED DIMENSIONS ISO 2768-mK

	NAME	DATE
DRAW	Ošlejšek	16.03.2026
APPROVED	Ošlejšek	16.03.2026
REDRAWN		

Motor T8

T8003 02 Z

REVISION

SHEET 1/1