Engineering data (WIN 221)		
DC bus voltage	560	V DC
Nominal AC voltage	330	V AC (rms)
Rated voltage	258	V AC (rms)
Rated power	212	W
Rated speed	187.5	mm/s
Rated force	1018	N
Rated current	0.65	A (rms)
Peak force	1600	N
Peak current	3	A (rms)
Stall force	1199	N
Stall current	0.73	A (rms)
No load speed	310.4	mm/s
Screw static load rating	1750	N
Screw dynamic load rating	1600	N
EMF constant ±10%	1.06	V AC (rms) / (mm/s)
Theoretical force constant ±10%	1651	N/A (rms)
Force constant ±10% @ rated load	1566	N/A (rms)
Number of poles	6	
Electrical time constant	2.13	ms
Winding terminal resistance	51.3	Ω
Rotary field terminal inductance	109.1	mH

Values defined at 20°C

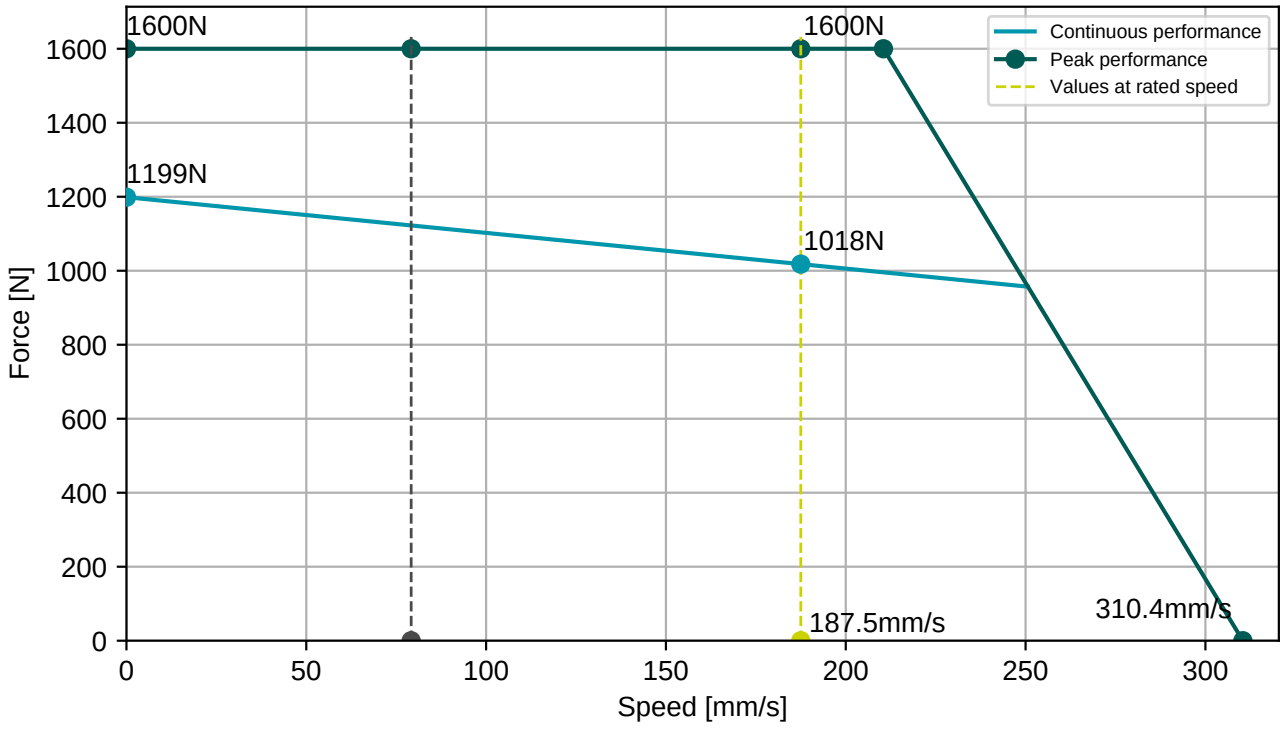
Customs info	
HS Code	85015100

Mechanical data (setting 5)		
Screw lead	2.5	mm
Min. stroke	8	mm
Max. stroke	48	mm
Max mechanical speed	250.0	mm/s
Mech. time constant	1.34	ms
Thermal time constant	15	min
Rotor inertia	0.08	kgcm²
Protection	IP64	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	4.7	kg
Screw mass	0.06	kg
Actuator mass*	4.76	kg

** Total rotor and screw mass*

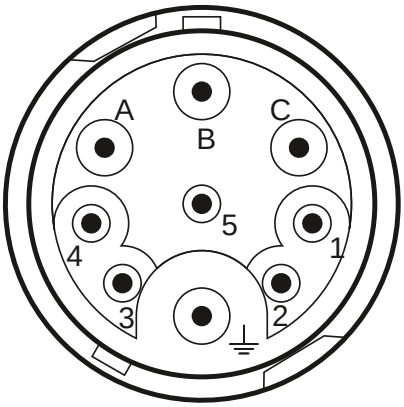
Sensors	
Temperature	PT1000 {PT1000}
Feedback	2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)

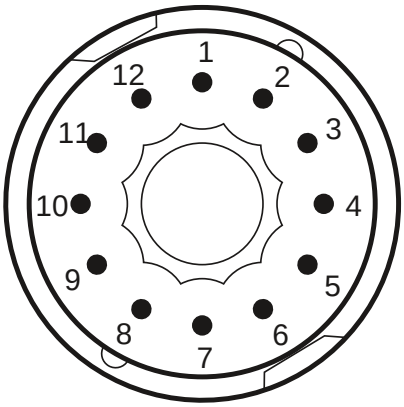
Force / speed curve



EGA101N00000001000

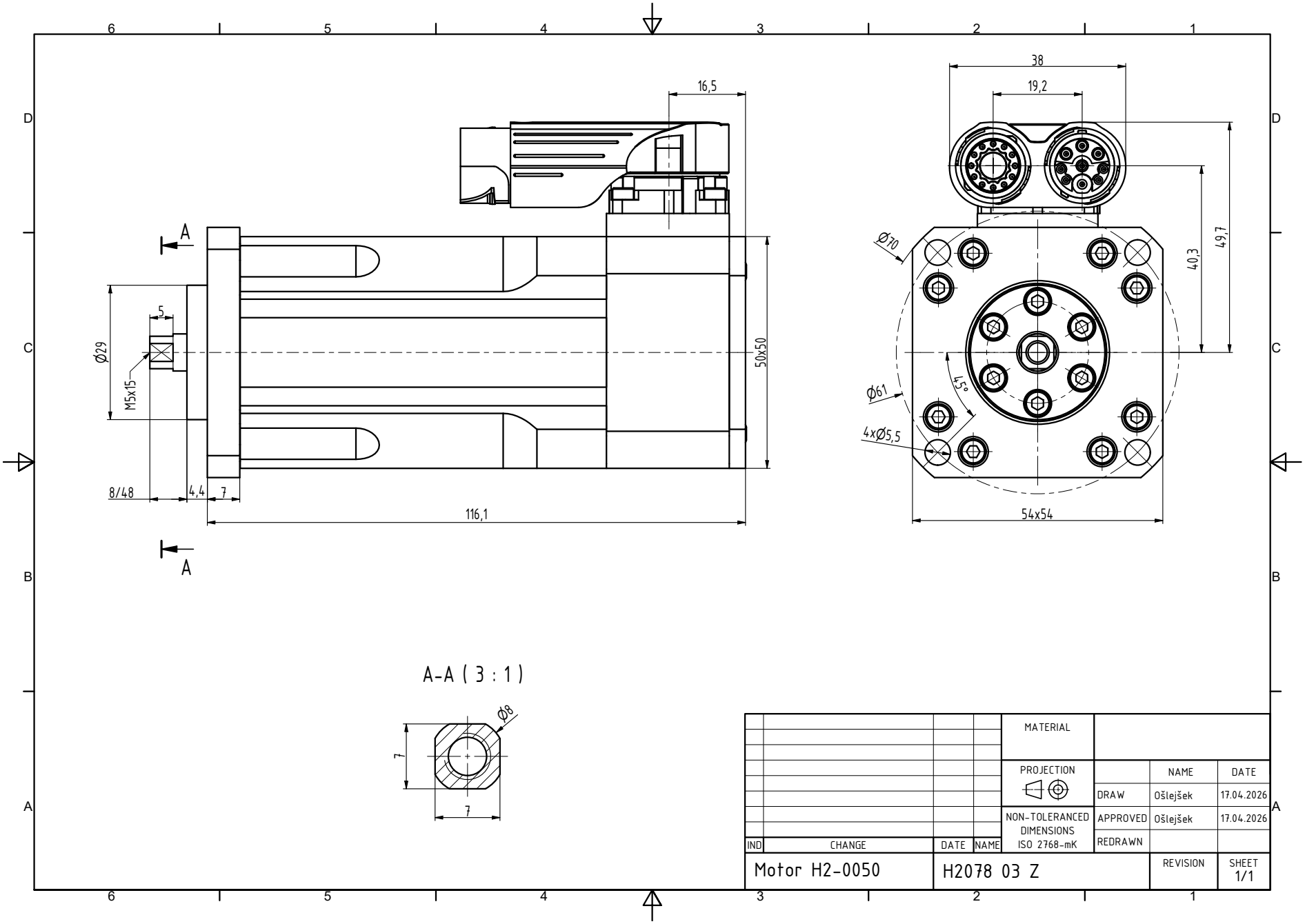
2x M15, 9 and 12 poles rotary





Connector 1 (226)	
A	U
B	V
C	W
PE	PE
1	Brake+
2	Brake-

Connector 2 (227)	
2	Therm+
3	S4
4	S3
5	R2
6	Therm-
7	S2
8	S1
9	R1


16,5
38
19,2
A
A
5
Ø29
M5x15
8/48
4,4
7
116,1
50x50
Ø10
40,3
49,7
Ø61
45°
4xØ5,5
54x54
A-A (3 : 1)
Ø8
7
7
MATERIAL
PROJECTION
NON-TOLERANCED DIMENSIONS ISO 2768-mK
NAME
DATE
DRAW Ošlejšek 17.04.2026
APPROVED Ošlejšek 17.04.2026
REDRAWN
IND
CHANGE
DATE
NAME
Motor H2-0050
H2078 03 Z
REVISION
SHEET 1/1