Engineering data (WIN 23)		
DC bus voltage	560	V DC
Nominal AC voltage	330	V AC (rms)
Rated voltage	284	V AC (rms)
Rated power	911	W
Rated speed	3000	rpm
Rated torque	2.90	Nm
Rated current	2.25	A (rms)
Peak torque	9.45	Nm
Peak current	10.6	A (rms)
Stall torque	3.25	Nm
Stall current	2.43	A (rms)
No load speed	4060	rpm
EMF constant ±10%	81	V AC (rms) / 1000rpm
Theoretical torque constant ±10%	1.34	Nm / A (rms)
Torque constant ±10% @ rated load	1.29	Nm / A (rms)
Number of poles	10	
Electrical time constant	4.43	ms
Winding terminal resistance	6.5	Ω
Rotary field terminal inductance	28.8	mH

Customs info	
HS Code	85015220

Mechanical data (setting 30)		
Max mechanical speed	12000	rpm
Mech. time constant	0.69	ms
Thermal time constant	33	min
Rotor inertia	1.1	kgcm²
Protection	IP67	
Color	RAL 9005	
Cooling	Convection	
Motor-only mass	4	kg

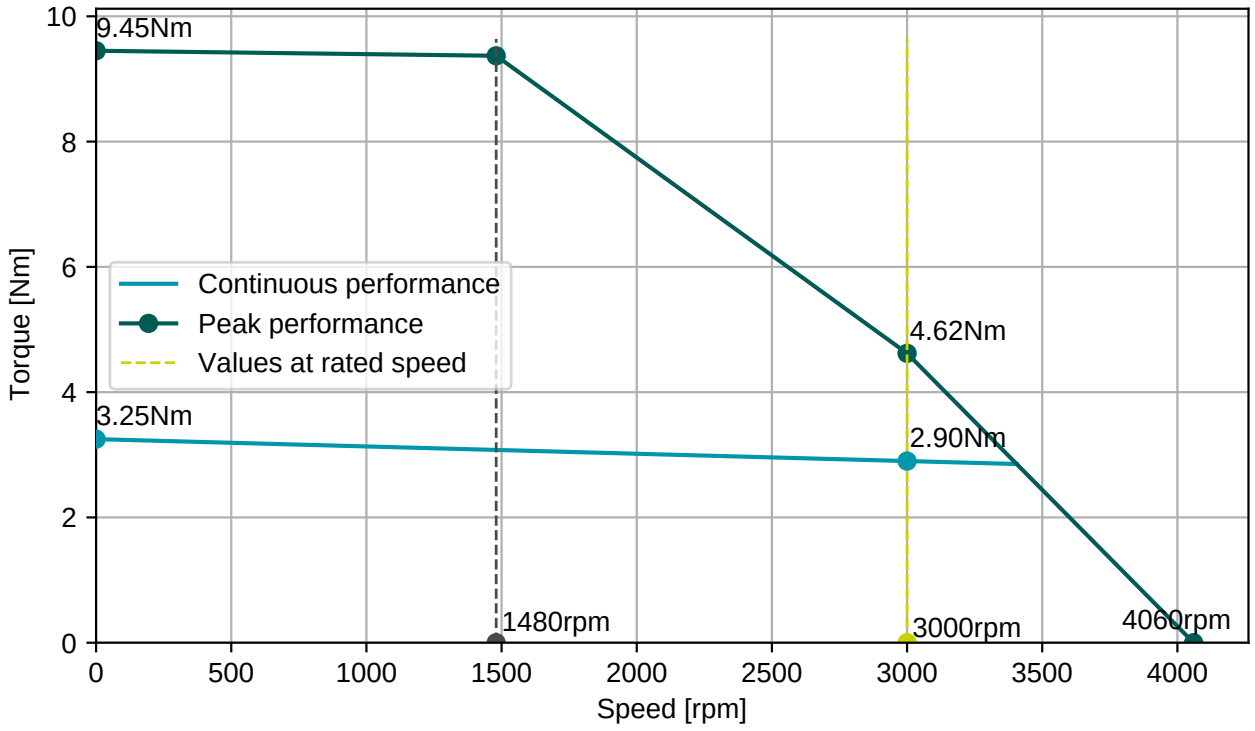
Sensors	
Temperature	KTY 84-130 {KTY 84-130 Reissmann}

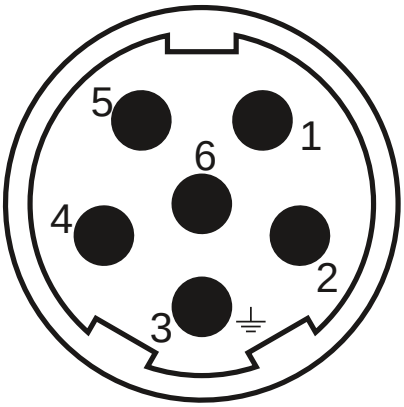
Brake		
Braking torque	4.50	Nm
Voltage	24	V DC
Power @20°C	12.0	W
Current @20°C	0.50	A
Inertia	0.20	kgcm²
Mass	0.47	kg

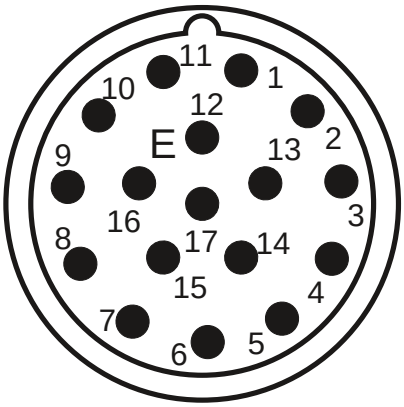
Note

The full stroke is 117 mm.
EQN1125 EnDat 2.1 encoder.
With brake, with cables 2m long, M23 connector couplings on the end of cables.

Torque / speed curve

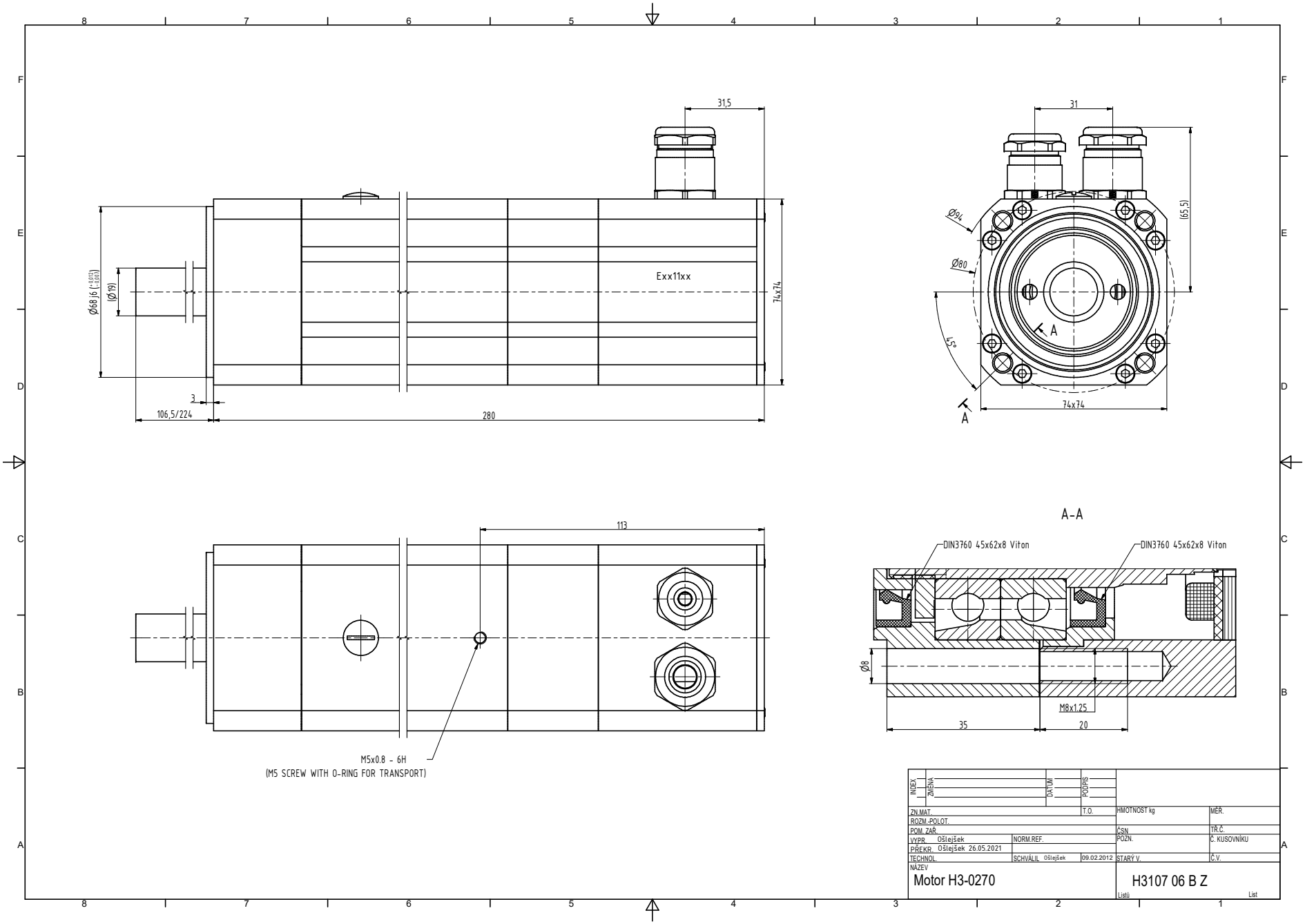






Connector 1 (133)	
1	U
2	V
3	PE
4	Brake+
5	Brake-
6	W

Connector 2 (176)	
1/2	A+/A-
11/12	B+/B-
3/13	Data+/Data-
5/14	Clock+/Clock-
10	+5V
7	GND
16	+5Vsenzor
15	GNDsenzor
8/9	Therm.+/-


31,5
Exx11xx
74x74
Ø68 j6 (+0,011 -0,008)
(Ø19)
3
106,5/224
280
31
Ø94
Ø80
(65,5)
45°
A
74x74
113
M5x0.8 - 6H
(M5 SCREW WITH O-RING FOR TRANSPORT)
A-A
DIN3760 45x62x8 Viton
DIN3760 45x62x8 Viton
Ø8
M8x1.25
35
20
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. Ošlejšek 26.05.2021
TECHNOL.
SCHVÁLIL Ošlejšek
09.02.2012
STARÝ V.
Č.V.
NÁZEV
Motor H3-0270
H3107 06 B Z
Listů
List