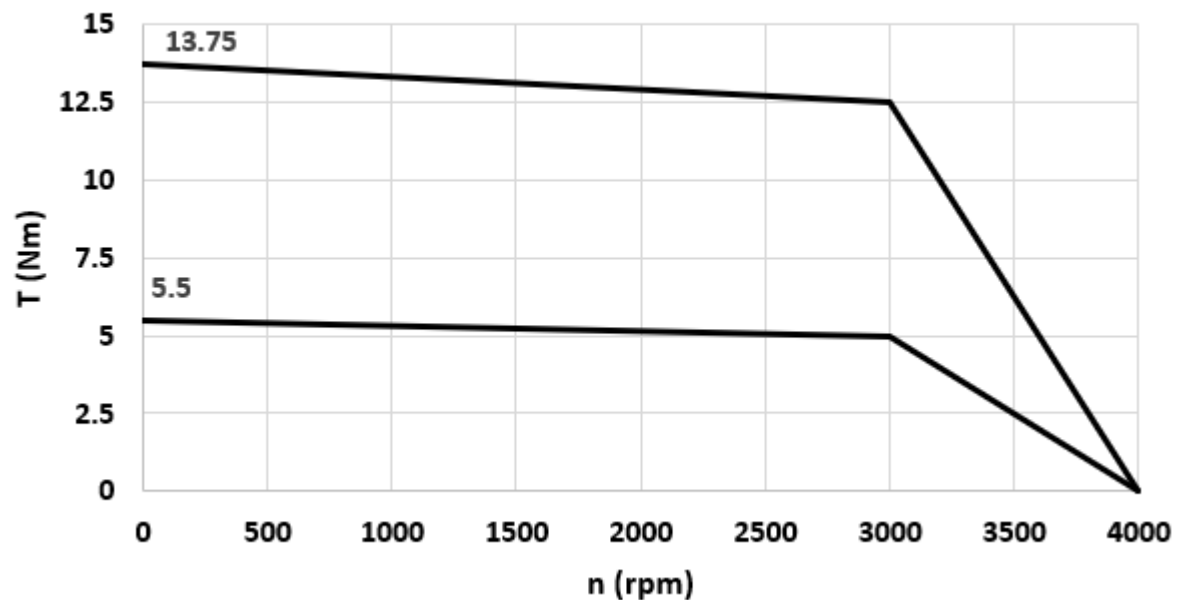


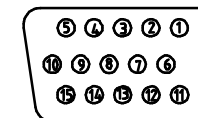
INCREMENTAL ENCODER	
VOLTAGE	+5 VDC ±5%
CURRENT	max. 200 mA
FREQUENCY	0 - 125 kHz
TEMP.	-20 - 40 °C
RESOLUTION	2500 p/rev

Motor Specification	
Voltage	48 VDC
Rated Power	1500 W
Rated Speed	3000 rpm
Rated Current	41,6 A
Rated Torque	5 Nm
Peak Current	105 A
Peak Torque	12,5 Nm
Number of Poles	8
Resistance	TBD Ohm ±10%
Inductance	TBD mH ±20%
Ke (RMS)	8 V/Krpm
Kt	0,132 Nm/A
Rotor Inertia	12 kgcm <sup>2</sup>
Weight	7,5 kg
Max Radial Force	900 N
Max Axial force	450 N

Performance Curve



Encoder connector - D-SUB HD 15 PIN



ENCODER CONNECTIONS

Pin	Color	Signal
1	red	+5V
2	blk	GND
3	-	-
4	brn/blk	U+
5	brn	U-
6	yel	Z+
7	grn	B+
8	blu/blk	A+
9	gry/blk	W+
10	wht/blk	V+
11	yel/blk	Z-
12	grn/blk	B-
13	blu	A-
14	gry	W-
15	wht	V-

MOTOR CONNECTIONS

Pin	Color	Signal
1	yel	U
2	red	V
3	blk	W
4	yel/grn	PE

28/06/2019	Imię, Nazwisko:	
Rysował:	Ultra Robotics	
roz.: A3	Numer rysunku: PSM130-15030A8E2NC2	zm.:
Skala arkusza: 1:2		Liczba sztuk:
Materiał:		