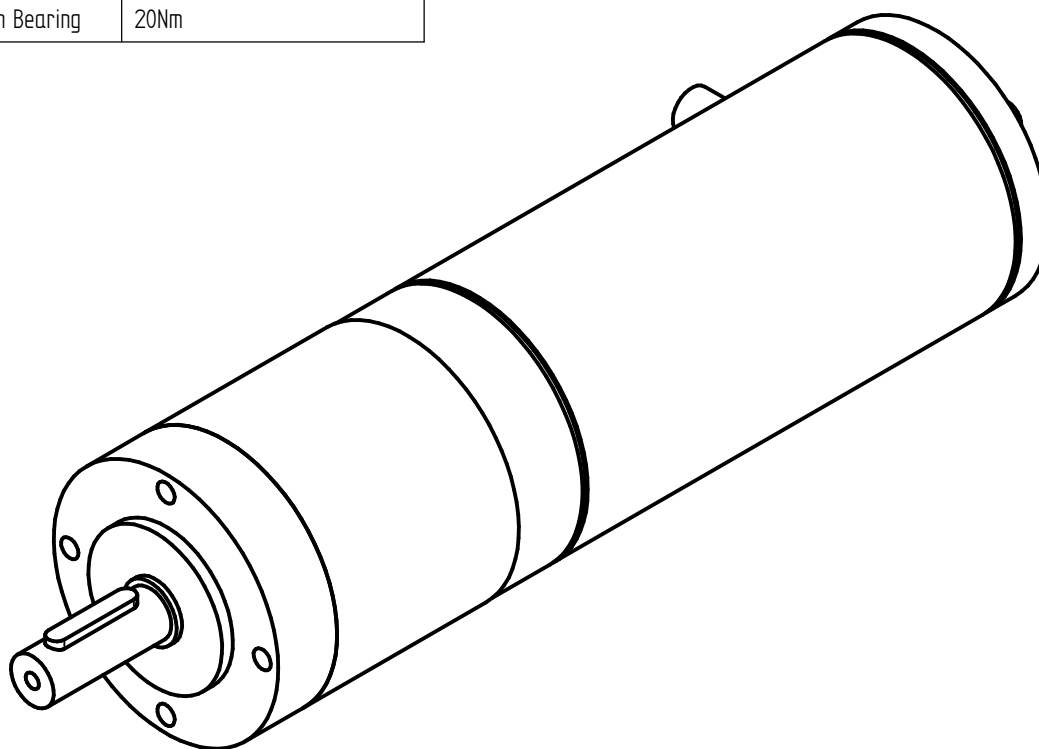


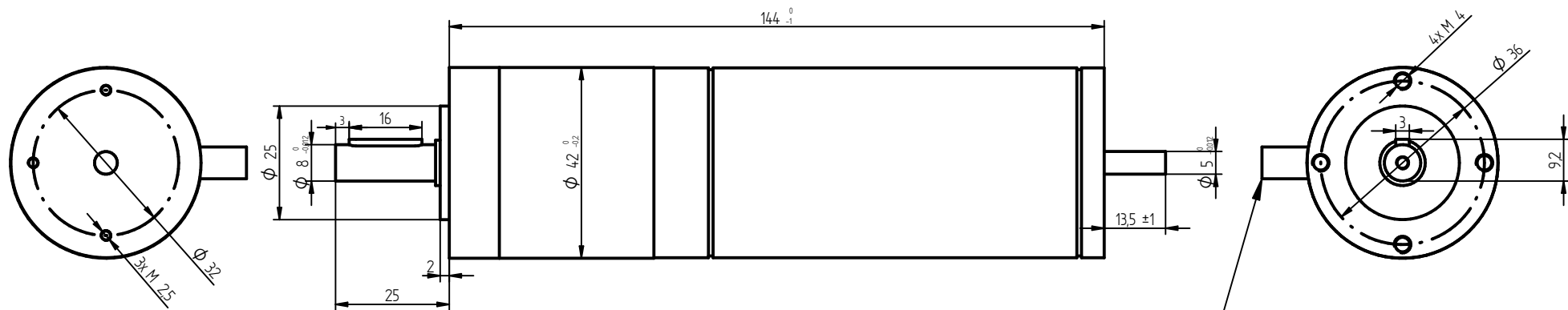
## Technical Data

Number of poles	8
Rated Voltage	24 VDC
Rated Power	84 W
Rated Torque	0.27 Nm
Rated Speed	3000 rpm
Rated Current (RMS)	5 A
Maximum Torque	0.81 Nm
Maximum Current (RMS)	15 A
Voltage constant	5 V/krpm
Torque Constant	0.06 Nm/A
Rotor moment of inertia	0.06 kgcm <sup>2</sup>
Resistance	0.6 Ohm
Inductance	0.9 mH
Dielectric Strength	500VDC for one minute
Insulation Resistance	100M Ohm Min. 500 VDC
Isulation class	B
Gear Ratio	45:1
Output Torque	9.7 Nm/70 rpm
Allowable Maximum Bearing	20Nm



PGM42-0870B8HNL-00

**Ultra  
Robotics**



Power and Hall Sensor cable  
 5x 26 AWG (hall sensor connections)  
 3x 20 AWG (power wire connections)  
 L = 450 mm

Hall Sensor Connections		
Pin	Color	Signal
1	Yellow	U
2	Green	V
3	Blue	W
4	Black	GND
5	Red	+5VDC

Power Wire Connections		
Pin	Color	Signal
1	Yellow	U
2	Green	V
3	Blue	W

		Imię, Nazwisko:			
Rysował:					
rozm.:	Nazwa rysunku:	zm.:			
A3	PGM42-0870B8HNL-00				
				Skala arkusza: 1:1	Liczba sztuk:
					Materiał: