



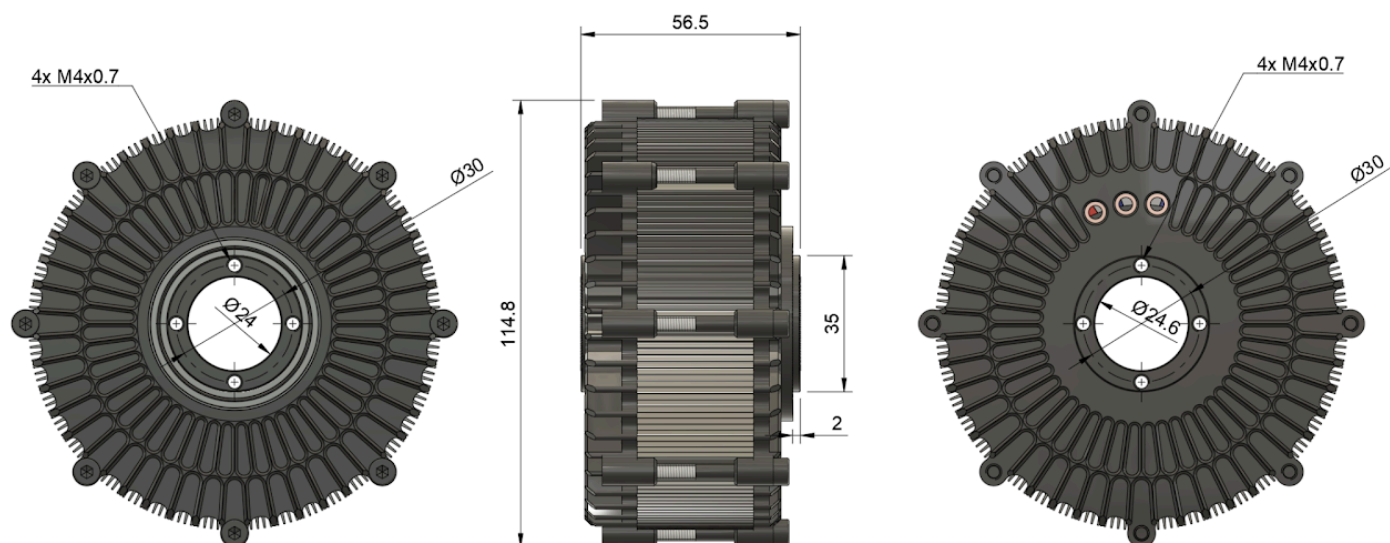
Continues Power	3 kW (2500 rpm)
Peak Power	5 kW (3000 rpm)
Continues Torque	11.5 Nm
Peak Torque	16 Nm
KV	19, 38, 76 rpm/V
DC Voltage	200V, 100V, 50V
Cost	1000 EURO



Continuous Power (W)	3000
Continuous Torque (Nm)	11.5
Rotation speed (rpm)	2,500
Efficiency (%)	95.35%
Power per mass (kW/kg)	1.76
Torque per mass (Nm/kg)	6.74
Losses (W)	146
Peak Power up 3 min (W)	5000
Peak Torque up to 3 min (Nm)	15.9
Rotation speed (rpm)	3,000
Efficiency (%)	94.6%
Power per mass (kW/kg)	2.9
Torque per mass (Nm/kg)	9.4
Losses (W)	283
Motor Mass (kg)	1.7
Max Rotation Speed (rpm)	5000
Number of poles	28.00
Number of slots	24.00
Cooling system	air outside
Phase cross section (mm ²)	7.36
Phase current density (Continuous) (Arms/mm ²)	10.5
Torque Pulsation (Continuous) (%)	4.5%
Motor max working temp (C)	150.00
Battery 12S max voltage (V)	50
Battery 12S min voltage (V)	32.4
Propeller mounting:	4xM4 on 30 mm



Safety factor	1.2
Temperature sensor	PT1000
TBO 15 kg 2500 rpm (hour)	9173
Recommended propeller	43"x13"
Analog T-motor	U15II KV80
Trust continues (kg)	20



© 2023 Motres d.o.o, Rojčeva ulica 26, Ljubljana 1000, Slovenia