

# TORQILY™

A Toyon Technology

**Torqily Electric Motors - Pushing the boundary of achievable torque density.**  
*Power-dense direct drive motors in a small and light package.*

**WHAT SETS TORQILY APART?** Unparalleled torque density in a lightweight and small package. Torqily direct drive motors are twice as power dense as the leading competitors, with more torque in a small size and with less mass.



**EFFICIENT**

Highly efficient motors, reducing heat and extending range.



**LIGHTWEIGHT**

Gobs of torque in a tiny size and light weight.



**BACKDRIVEABLE**

opening up new applications in robotics and automation.



**DIRECT DRIVE**

Torque at the speed the load needs, can eliminate gearbox.

PROPERTY	VALUE [SI]	VALUE [IMPERIAL]
Continuous Power	15 kW	20 hp
Continuous Torque	45 Nm	33 ft-lbs
Speed Range	0-3,500 RPM	0-3,500 RPM
Motor Efficiency	95%	95%
DC Bus Voltage	300 V	300 V
Mass	3.6 kg	8 lbs
Volume	2.4 L	146 c in
OD	225 mm	8.9 in
Length	61 mm	2.4 in



**TORQILY'S UNIQUE TORQUE-DENSE ELECTRIC MOTOR TECHNOLOGY OPENS UP NEW POSSIBILITIES IN A RANGE OF APPLICATIONS AND INDUSTRIES:**



ELECTRIC AIRCRAFT



MOBILE GENERATORS



INDUSTRIAL ROBOTICS



COLLABORATIVE ROBOTICS



MACHINE TOOLS



HVAC

LEARN MORE AT [TORQILY.COM](http://TORQILY.COM) | [TORQILY@TOYON.COM](mailto:TORQILY@TOYON.COM)

