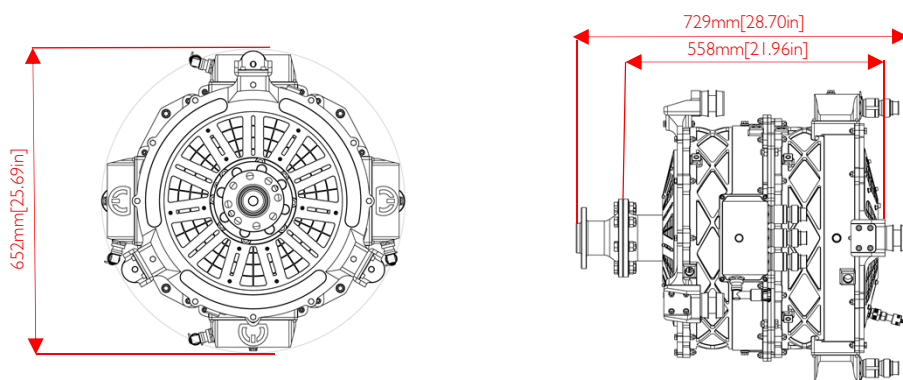


# magni500

At a continuous 560 kw / 750 shp and turning at only 1900 RPM, the magni500 is well-suited as a propulsion system for retrofitting existing “Middle-Mile” aircraft such as the Beaver, Cessna Caravan, King Air, Otters and more. It is also optimal for use in clean-sheet electric aircraft designs as a stand alone propulsion or as part of a larger multi-motor aircraft.



## Features:

- 4 × 3-phase architecture allows for Graceful Degradation™ should a fault occur
- Full torque is available even at low RPM and is not impacted by altitude
- Direct drive to propeller - no need for a reduction gearbox
- Replaceable motor mounting points
- Filtered front and rear plates
- Advanced liquid cooling and thermal performance
- Can integrate with off-the-shelf propeller governors for variable pitch control

## PERFORMANCE SPECIFICATIONS

Continuous Torque	2814 Nm / 2075 ft.lbs
Continuous Power	560 kW / 750 shp
Base Speed	1900 RPM
Maximum Speed	2600 RPM
DC Link Voltage (nominal)	540V
DC Link Voltage range	450 - 750V
3-Phase Windings / magniDrive Units	4
Efficiency (Motor)	>93%
Motor Weight (Est.)	135 kg / 297 lbs

