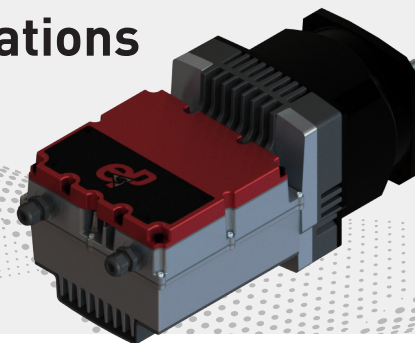


3 HP High-Efficiency Motor for Spa Applications

SM3000 Series



Key Features



Compact and lightweight, allowing for more space and easier installation and operation.



Quiet performance, providing better value for end users.



Motor and drive can be operated at full power (3 hp, 3,450 RPM) up to 50°C (122°F) and with a derating up to 60°C (140°F).



Energy friendly.

Go with the Flow

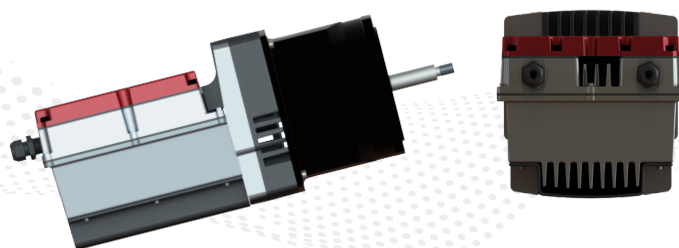
The Natural Resources Defense Council (NRDC) estimates that residential pool pumps alone use 9-14 billion kWh per year. In general, companies that reduce the environmental footprint of their residential pumps will have a competitive advantage in the market by installing pumps that are environmentally friendly, save money, *and* deliver the required performance.

Experts estimate that if high-efficiency motor systems were adopted globally, it would cut electricity consumption by up to 10%. This is why variable speed pumps are the best choice. They are greener and their efficiency means both more sustainable products and operations that save money on energy bills.

Efficiency is the Way Forward

Energy-efficient electric pump motors have much less impact on the environment. They save money, and they are powerful enough for applications ranging from industrial, commercial, and residential, all the way to pool and spa. What's more, variable speed motors can simplify inventory since they can cover a broader range of applications.

At ePropelled, we design and build better motor systems. Our goal is to use our innovative technology and expertise to deliver significant improvements in motor efficiency. As a result, what we have done for eMobility and air transport can be applied to building motors suited for spa pumps.

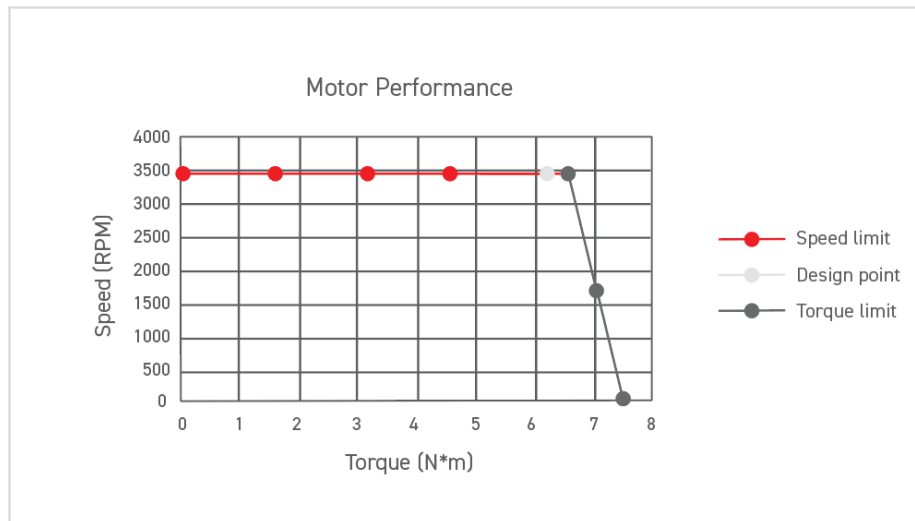


SM3000 3 HP Motor for Spa Pumps

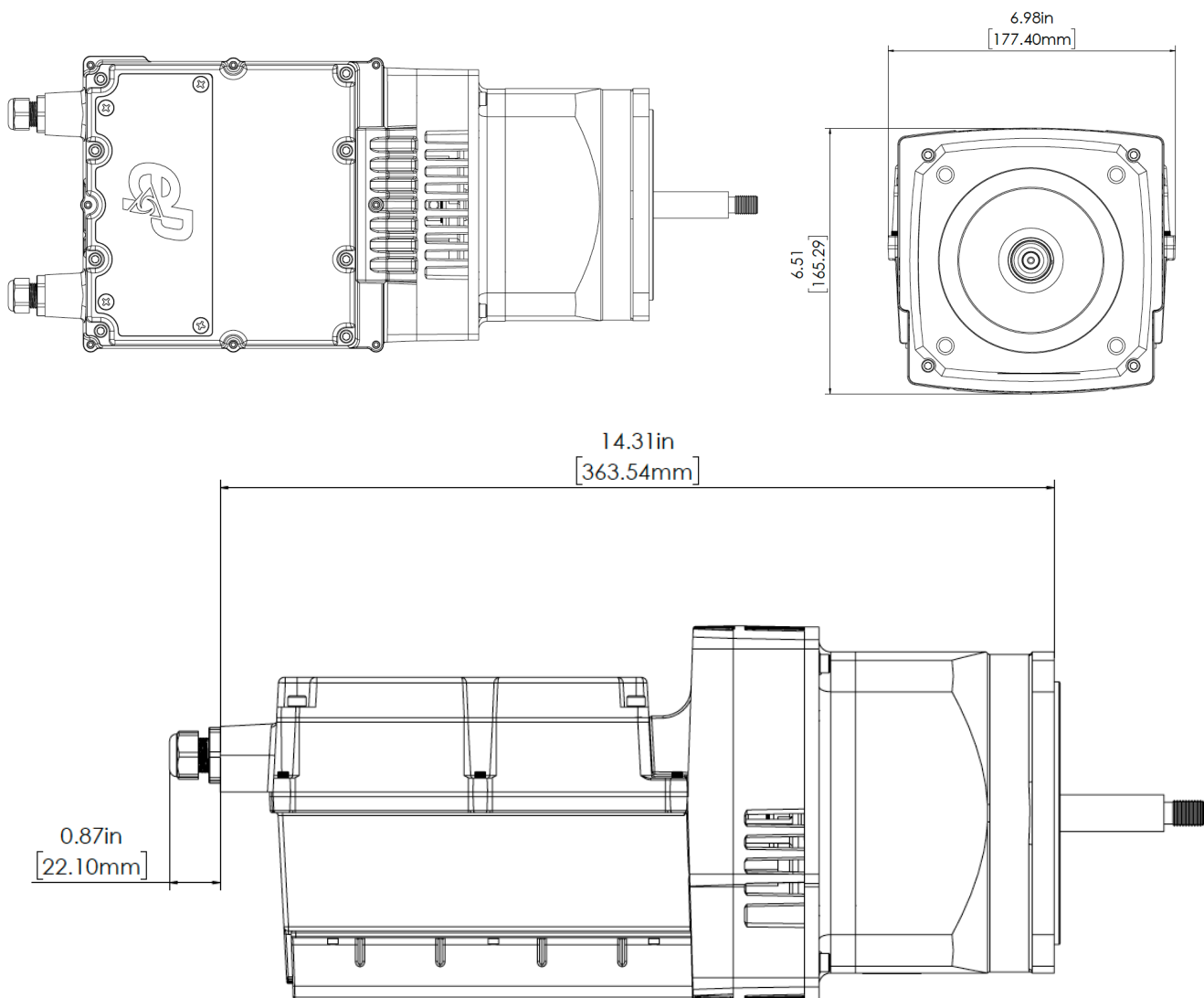
The spa market is facing significant consumer demand and regulatory requirements for greener, more energy efficient products. ePropelled has developed a high-efficiency 3 hp variable speed motor that is about 90% efficient, while current induction motor technology is about 80% efficient. Additionally, our variable speed motors reduce energy costs for the consumer and enable manufacturers to easily add new features and functions.

SM3000 3 HP MOTOR (SPA) SPECIFICATIONS	
Parameter	Measurement
Rated speed	3,450 RPM
Rated power	3 hp [2.2 kW]
Input voltage	230 VAC± 10%, 1PH, 50/60 Hz
Input current	11.1 Arms
Drive efficiency	98%
Motor efficiency	91%
Winding temperature sensor	NTC thermistor
Communication	RS-485 (isolated)
Weight	29 lbs (13.2 kg)
Ambient temperature	Consult factory for operations above 40°C
Weatherproof	IPX5
NEMA frame	56

Performance SM3000, 230 VAC INPUT



SM3000 HP MOTOR DIMENSIONS



Designed in USA

Errors and omissions excepted. All specifications subject to change without notice. For more information, including ordering product, please contact us at info@ePropelled.com.

Copyright © ePropelled Inc. 2023. All rights reserved.

This document is copyrighted and all rights are reserved.

Disclosure of this document to third parties in whole or in part or use of the information herein for purposes other than those described herein is not permitted, except with the prior written consent of the copyright holder.

The copyright holder makes no representations or warranties with respect to the contents hereof and specifically disclaims any implied warranties of fitness for any particular purpose. The information in this document is subject to change without notice. The copyright holder assumes no responsibility for any errors that may appear in this document.

ePropelled, SwimDrive, Hybrid Ready, The Future of Electric Propulsion, eDTS, and Dynamic Torque Switching are trademarks of ePropelled.



Warnings and Labels



ePropelled © 2023. ePropelled designs state of the art motors, generators, and power management systems. Our technology helps reduce energy consumption and improve system efficiency at a lower cost in the aerospace, manned and unmanned aerial vehicles, electric vehicles, and pump motor markets. We are a leader in magnetics engineering, and our patented technology innovations are used in the air, land, and water, defining the future of electric propulsion.

ePropelled has offices in the United States, Europe, and India and works with manufacturers of various types and sizes around the world.

For more information, visit ePropelled.com