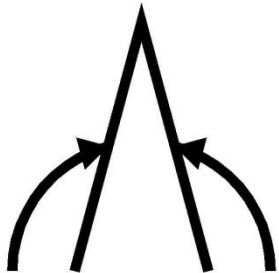


Marine & Navigation



ARC Systems, Inc.

ARC Systems, Inc. is a leading supplier of AC and BLDC Motors and motion control components to the Marine and Navigation Industries.

ARC Systems, Inc. has been producing quality motion control products for over 40+ years. At ARC, our engineers interact continuously with customers from concept through manufacturing solving technical issues. We support our capabilities with state-of-the-art computer aided design (CAD) system and proprietary magnetic design programs specifically developed at ARC. All of our employees are ambitious by taking on challenges and solving them through innovative ideas.

We have a vast library of proven designs along with a broad base of frame sizes and configurations of each product line. This along with our engineering and manufacturing experience enables us to respond quickly and reliably to any design specification. We have a strong reputation for nourishing relationships with our customers and their engineers.

ARC Systems, Inc. has an excellent reputation for quality, reliability, and service. All of our products are designed and manufactured in the USA. We are ISO 9001:2008 certified. Basically, we match our component knowledge to our customers needs allowing a quality solution at a reasonable price.



ARC's Systematic Design Process

CUSTOMER'S
REQUIREMENTS



ENGINEERING
DESIGN



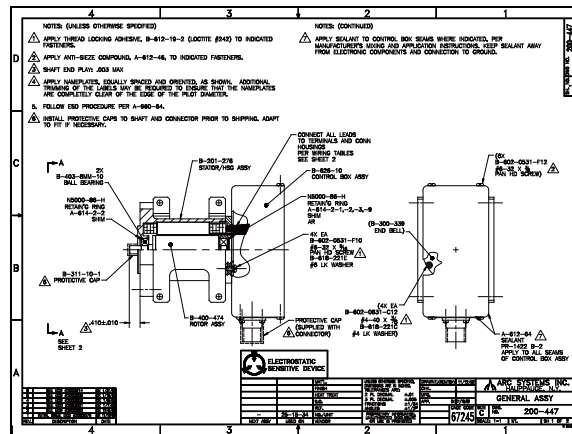
DESIGN
VERIFICATION



- Concept Definition
- Requirements Established

- Magnetics Design
- CAD Design Layout

- Proto-type testing
- Qualification Testing

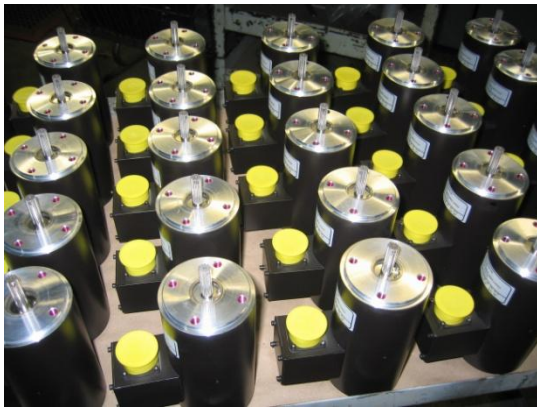


ARC's Systematic Design Process continued

PRODUCTION

FINAL INSPECTION

SHIP



Products and There Application

ARC is proud to be a supplier of AC and BLDC motion control products for all the Marine and Navigation Industry Primes such as Sperry Marine and the US Marines.

Our company is responsible for hundreds of motor designs that are critical on many different guidance and navigation systems, power and management systems, and weapon systems. We are please to say we are on every ship in the fleet. Our company is responsible for hundreds of specially manufactured gears and motion control components that operate various devises on these ships.

We have the capability to design, package, and incorporate these components to meet all harsh environments.



ARC Systems manufactures a key component used on Marine vessels.
Our product plays a critical role and failure is not an option.



Our Motor Gear Head is used on shipboard wind indicator systems for wind shear measurements.



ARC manufactures many different Induction Motors with Fans for cooling equipment on naval ships.



ARC Systems, Inc. manufactures servo motors used on Sperry Marine Gyrocompass



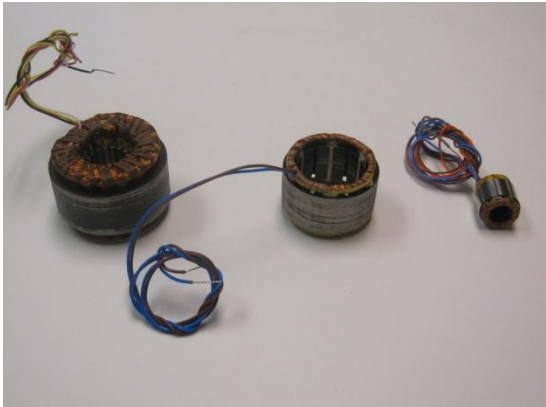
The gyrocompass was designed many years ago to be the most important high technology equipment aboard a submarine. Without the gyro, navigation below the seas for attack or escape is difficult and fire control systems are cumbersome. The gyro is an integral part of the fire control system that includes the torpedo data computer, dead reckoning analyzer, dead reckoning tracers, dummy log, pit log, sonar's, and radars.



Many of ARC Systems, Inc. components play a critical role on ships.

The use of these Kit Components will eliminate the need for Housing and End Bells, thereby becoming an integral part of any assembly which will not only save valuable space but will also reduce overall weight.

Designed with High Energy Magnetic Laminations and Class H Insulation, these components exceed the most rigid performance requirements.



ARC Systems, Inc. provides the complete support you need in today's competitive environment, from initial engineering development through after market. Contact ARC to assist you in your electromechanical motion control evolution.

WHEN IT'S GOT TO BE RIGHT THE FIRST TIME....

CALL ARC SYSTEMS, INC.



We are ISO 9001:2008 certified, and our ISO 9001:2008 procedures apply to all aspects of our organization. These procedures ensure that complete control is retained. We are committed to providing our customers with Reliable, High-Quality Products, and service. We would be happy to discuss your needs at your convenience.

For more information and application assistance contact D. Kirk in our Engineering Department at: dkirk@arcsystemsinc.com

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