

Nuclear Power Products and Services



About our Teaming Partner

Reuland is a leading supplier of custom designed and manufactured motors. Established in 1937, Reuland has exhibited over 75 years of stability and growth as a manufacturer of custom designed motors for the most challenging applications.

Over the years, many original motor OEMs have exited the nuclear power industry leaving a void for replacement motors. Reuland specializes in designing direct replacements for these obsolete motors. Through an agreement with Curtiss-Wright Nuclear, Reuland motors are now offered as safety related equipment.

Our team is confident that the nuclear power industry will see significant value-added benefits as a result of this teaming agreement.



Reuland

Motors

With over 75 years of experience with electric motors, Reuland is able to provide custom design solutions for the most challenging applications. Reuland operates two manufacturing facilities as well as its own foundry and pattern shop. Over the years, Reuland has developed 1000s of designs to meet the demands of customer specific requirements.

Curtiss-Wright Nuclear is your authorized sales and services provider for Reuland motors for the North American nuclear power plants.

Reuland focuses on the following range of motors:

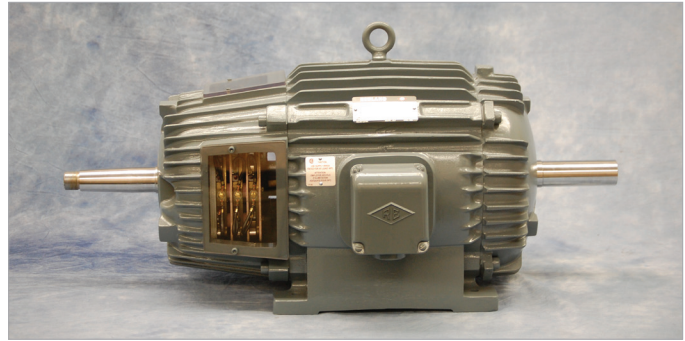
- AC motors
- Fractional HP through 400 frame
- Low voltage: Up to 600 volts
- Three phase
- Safety related and Non-safety related
- Replacement motors, not refurbishment

Custom Design/Build-to-Order Motors

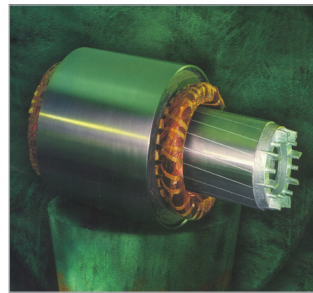
- Design flexibility
- Better suited design for the application:
 - Mounting
 - Moisture
 - Space constraints
 - Other environmental parameters
- Design optimizations: higher HP in existing fame size
- Direct replacements for obsolete motors

Obsolescence Solutions

- Reverse engineered directed replacements
- Solution to abandoned products
 - Louis Allis motors
 - Allis Chalmers motors
 - Westinghouse Motors
 - Others
- U frame designs
- Wound rotor designs



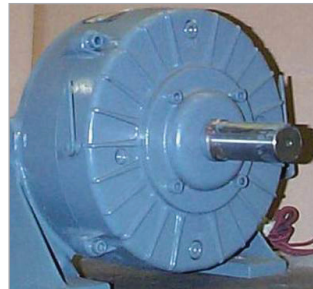
Galvanized Steel Blast Damper



Partial Motor



Synchronous Motors



Brake Motor



Gear Motor Assemblies



Single and 2-Speed AC Motors

Typical Motors Capabilities

- Standard motors
- Wound rotor motors
- U-frame motors
- High speed motors
- Multi-speed motors
- Fluid cooled motors
- Partial motors
- Synchronous motors
- Gearmotors
- Brake motors

Typical Plant Applications

- HVAC
- Pumps, mixers, blowers
- Motor operated valves
- OEM process skids
- Conversion, DC to AC
- Crane and hoist
- Elevator

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