



AURORA MOTORS

**Put your trust in
a better built motor.**



THE INDUSTRY'S LOWEST-VIBRATION NEMA PREMIUM EFFICIENCY MOTORS

Reliability matters

Demand quality construction, lower total cost of ownership, and optimum efficiency from the motors that drive your business. Aurora's inverter-duty motors deliver the performance you expect with the reliability you need.

Exceptional performance in a wide range of applications

Our vertical hollow and solid shaft motors are UL certified for NEMA Premium Efficiency and Construction, with models ranging from 7.5 hp to 1000 hp to serve a wide range of industrial and agricultural applications.



WATER AND WASTE WATER



PULP AND PAPER MILLS



MUNICIPALITIES



AGRICULTURE



WELL DRILLING



MINING

Leading industry recognition

You can rely on our motors to operate flawlessly with a minimum of disruption and maintenance.



NEMA Premium Designation

We offer DOE Certified Premium Efficiency motors featuring optimized systems efficiency, reduced electrical power consumption and costs, and improved reliability as established by the National Electrical Manufacturers Association.



UL Certified

Aurora vertical hollow shaft and vertical solid shaft motors are listed by Underwriters Laboratories (UL). Our products have been evaluated by UL and meet their safety standards.



ISO 9001 Certification

Aurora Motor's quality management principles meet ISO 9001 standards. These principles include a strong customer focus, the motivation and implication of our top management, our process approach, and our dedication to continual improvement.



EASA Member

Aurora Motors is an associate member of the Electrical Apparatus Service Association, Inc. (EASA). EASA is an international trade organization of nearly 1,800 electromechanical sales and service firms in nearly 80 countries.

Industry knowledge

Since 1987, Aurora Motors has become deeply integrated into the industrial market throughout the United States. Our reputation as a quality motor manufacturer is hard-earned through the efforts of our world-class engineers bringing decades of experience to the specific issues facing industrial and agricultural applications.

End-to-end control

In our ISO-certified facilities, we control all aspects of development, supply chain, manufacturing, and delivery to ensure the quality, performance, and reliability of our inverter-duty motors.



Engineering expertise

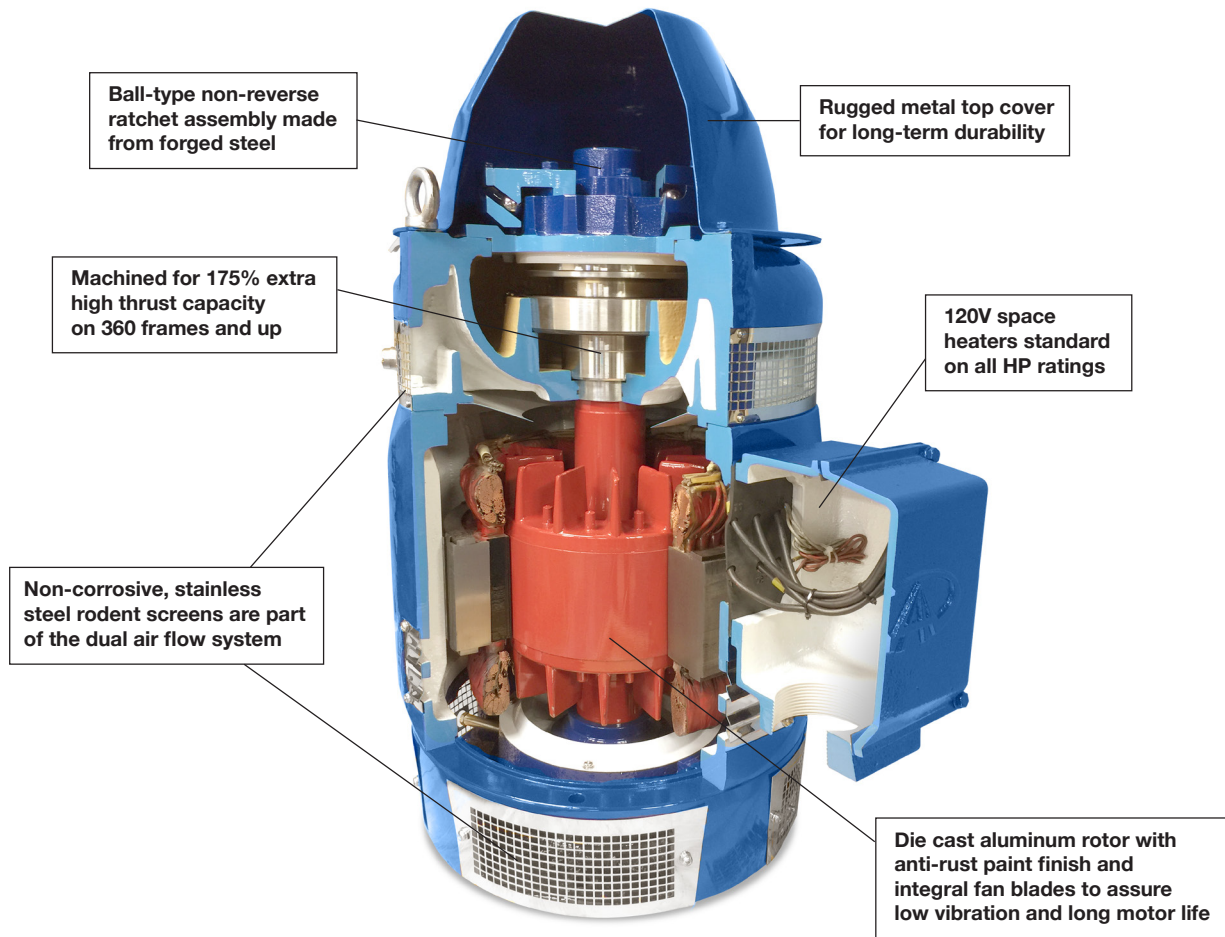
Our in-house research and development relies on the combined 100-years of expertise of our engineers. They have a strong body of knowledge in areas such as metallurgy, electrical and mechanical engineering, and motor magnetics.

With our global partnerships and industry relationships, we can leverage the expertise of more than 800 specialized motor engineers. We have the ability and capacity to build custom and large motors up to 50,000 hp as well as other specialized products, including:

- WP1
- VSS
- All RPM ranges
- WP2
- TEFC
- Low, medium, and high voltages

Quality inside and out

Aurora Motors' totally enclosed, fan-cooled Vertical Hollow Shaft (VHS) motor is one of the most recognized in the industry. Built from the highest quality materials, our inverter-duty motors perform under the most strenuous and extreme conditions, tailored to your specific requirements.



Customer service

Our customer service department is on-call 24/7/365 to help with any questions about your Aurora motor. We can provide a wide range of application engineering, technical support, parts, and service through leading channel partners.

- We maintain a large inventory of 7.5 hp – 600 hp motors in our California warehouse and can ship orders same day.
- We have a dedicated team to service warranty inquiries, technical questions, and customer issues.
- We partner with EASA facilities across the country to provide field support as required.
- For warranty service, we replace the motor immediately to get customers up and running and send the motor to the closest EASA repair facility.

The dawn of a new day for motor reliability

With cast-iron housing construction, our inverter-duty motors are precision manufactured to provide unmatched reliability and the lowest vibration levels in the industry. Expect superior performance and durability in a motor designed by world-class engineers working on the leading edge of technology.

- Precision vibration tolerance as low as .02 velocity (IPS – Peak) helps the longevity of our motors. Our motors are also machined for 175% extra high thrust capacity on 360 frames and up.
- Rugged top covers and tough, cast-iron housing construction ensure long-term durability. Long motor life is crucial to keep critical applications — such as irrigation and wastewater management — running.
- Dual airflow systems, with stainless steel rodent screens, keep our motors between 70-80 degrees to the touch. Running cooler than most other motors helps them last longer in the field.



The Aurora difference

Our commitment to quality and expertise in design, engineering, and manufacturing has been essential in securing distribution as well as retaining our existing customer base. Aurora's product and service quality is unmatched. Plus, our ability to consult with our customers, define their requirements, and provide them with the product that best meets their needs is unparalleled in the industrial and agricultural sectors.

The Aurora story

Aurora Motors was established in 1987 to fill a need for high quality industrial motors. Since then, the efforts of founder Dr. Young and his team of application engineers have continuously improved our products to become world leaders in motor innovation and technology. With our own manufacturing plants, joint ventures with other plants, and other strategic alliances, we ensure industry-leading, premium motors scalable to mass production.



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