



Leading Producer of Electric Motors in Russia



Mr. Toursoun Akhounov
General Manager

JSC ELDIN is one of the leading machine-building enterprises in Russia. Currently the company produces a series of induction motors with rotary axes height from 71 to 355 mm. The products of the ELDIN factory received many international certificates for compliance with world quality standards. The products have been repeatedly awarded the highest Russian and international awards. In 1997, JSC ELDIN was one of the first companies in Russia to certify quality management system in the German certification body DQS according to international standard ISO 9001 and in May 2014 successfully passed DQS re-certification audit.

History

Yaroslavl Electric plant has a rich history. The plant was built in accordance with the state plan of electrification of Russia. It was constructed by the Swedish electric ACEA stock company for production of electric cars. Production began in 1928. The first products to go off the conveyor were three-phase motors up to 55 kW and starting equipment for them. Since 1932 the plant began production of high-power motors (500 kW). The team at the plant steadily increased production volumes, and mastered new products. In a relatively short time the

plant transformed from the electric motors production plant into electric machines production plant, which manufactured a wide range of motors up to 700 kW, including compressors, grinders, cranes and other equipment, as well as a dynamo, battery units, household electrical products. During World War II, repair of tanks was organized in the plant buildings. Thus, the plant continued to live as a company working on the defense of the country. The company's contribution to strengthening the defense capacity of the country during the war period was recognized by the

FACT BOX



FULL NAME: JSC "Yaroslavl Electric Machine Building plant" («ELDIN»)

GENERAL DIRECTOR:
Akhounov Toursoun Abdalimovich

OPERATIONS:
Electric motors' producer

ESTABLISHED:
1930

EMPLOYEES:
1023

TURNOVER:
1 059 499.00 ths RUB

www.eldin.ru





order of I degree for the 40th anniversary of Victory of the Patriotic War. In 1971-1975, the plant mastered production of a new series of electric motors for general industrial use with improved weight, technological and operational performance and a wide range of capacities. Yaroslavl Electric Plant became a leading enterprise in production of motors with rotation axis height of 160 millimeters. In 1971 the plant produced the first prototypes of 4A series motors. In the difficult period after the collapse of the Soviet Union the plant's team managed to achieve good results. The plant, which previously produced only induction motors with rotation axis 160 mm, promptly mastered the production of a new series of electric motors within thirteen different dimensions, that were previously manufactured by 34 enterprises of the USSR. This allowed

to eliminate dependence of the domestic industry on imports of the specified range of motors.

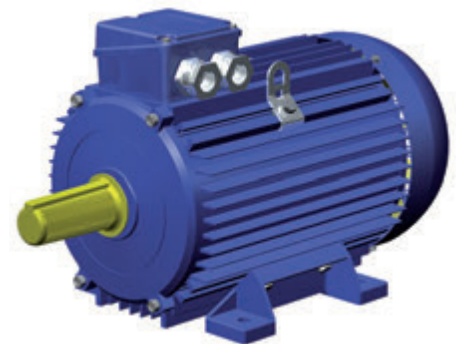
Strategic potential

The three main assets which are the foundation of the company's success are high quality products, design and timely shipments. Being one of the leading machine-building enterprises ELDIN constantly improves the competitive ability of its products by improving the quality, updating the product range, and implementing the best world achievements in the field of electrical engineering. One of the key assets of the company is the development of leadership among managers and involvement of staff in the continuous improvement of management and production as well as further improvement of the quality management system and its effectiveness.



Products and custom products

Another important advantage of ELDIN is a full production cycle, which enables the company's Design and Technology Division is able to develop the motor on the basis of customer sketches. The company has mastered the production of special electric machines that help to solve problems of resource and energy conservation such as electric motors that drive the roller tables in the steel industry, cranes, gearless elevators, submersible pumps, as well as complete drives with frequency and parametric converters, synchronous generators for mobile diesel-generator sets. However, the main products of ELDIN are three-phase induction motors with squirrel-cage rotor in the aluminum and cast iron shell with a rotation axis height from 71 to 355 mm, which surpass many foreign counterparts in terms of energy and starting characteristics, noise, power consumption, material consumption, reliability, durability, and design. The mo-



tors are designed for a wide range of applications and can be used with different machines, fans, and pumps. ELDIN also produces explosion proof motors for the needs of the energy companies and the chemical industry, synchronous generators with speed of 1500 rpm, complete electric drives with a wide range of speed control, multispeed motors for elevators, motors for ships certified in accordance with the requirements of Russian Maritime Register of Shipping and according to the requirements of Germanischer Lloyd. The company is expanding research and introducing the so-called "smart" motors, equipped with a system of regulation such as parametric and frequency adjustment and starting systems and protection of asynchronous machines. For production of these new motors ELDIN uses its own well as of other well-known companies such as "Control Techniques", "ABB", "KEB". ELDIN constantly updating its product range.