



# MKS - Low voltage asynchronous motor

## Reliable and dynamic plant operation

ELIN Motoren's MKS is a worldwide proven low voltage asynchronous motor used in various industrial applications like plastic processing, tunnelling, and mining. The MKS operates with a voltage of up to 690 V, making them ideal for medium-sized applications. The MKS convinces with high energy efficiency for a reliable and dynamic plant operation, with a water jacket cooling system + additional internal cooling circuit, and high torque.

### High dynamics and high torque

The MKS electric motor, featuring an advanced water-cooling system and an additional internal cooling circuit (radial fan NDE- side mechanically connected with the rotor), ensures optimal temperature control during operation, enhancing efficiency and extending the motor's lifespan. Its high-performance capabilities make it ideal for a diverse range of industrial applications, providing reliable and consistent power

output under varying load conditions. The motor features a rugged design capable of withstanding harsh operating environments.

### Double rated power

The robust construction ensures longevity and reduces the need for frequent maintenance. The MKS motor offers seamless integration into various applications, providing flexibility and adaptability to meet specific operational requirements. Undergoing meticulous manufacturing processes and employing precision engineering techniques, each MKS motor ensures consistent quality and performance, meeting the highest industry standards. Moreover, the MKS motor complies with industry regulations, ensuring reliability and safety in all operational environments. This unwavering commitment to compliance reflects ELIN Motoren's dedication to delivering products of the highest quality.

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