AUTOMATION TRADER

MDD071C-N-030-N2L-095GA1

Industrial automation components

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Manufacturer	Indramat
Catalog number	mdd071c-n-030-n2l-095ga1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Size	071
Nominal Speed	3000 min^{-1}
Continuous Torque at Standstill	6.6 Nm
Motor Feedback	Digital servo feedback (DSF)
Centering Diameter	95 mm
Shaft Type	Plain shaft
Shaft Seal	With shaft seal
Housing Design	Standard (for natural convection)
Holding Brake	With blocking brake
Holding Brake Torque	3.0 Nm

Description

The Indramat MDD071C-N-030-N2L-095GA1 is a high-performance synchronous AC servo motor designed for precise motion control in industrial automation applications. Part of the MDD series, this motor features a motor size of 071 and a motor length code of C, indicating its compact design. It operates at a nominal speed of 3000 min^{-1}, delivering a continuous standstill torque of 6.6 Nm, ensuring reliable performance in demanding environments. The motor is equipped with digital servo feedback (DSF) for accurate position control and real-time diagnostics. It has a centering diameter of 95 mm and utilizes a plain shaft with a shaft seal, enhancing its durability and suitability for various industrial settings. The housing design is standard, suitable for natural convection cooling, and the motor includes a blocking brake with a torque of 3.0 Nm, providing additional safety and control

during operation. This motor is ideal for applications requiring precise and reliable motion control, such as robotics, CNC machinery, and automated assembly lines.

AUTOMATION TRADER

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