

MAC071C-0-NS-4-C/095-A-0/DI517LV

Industrial automation components

Manufacturer	Indramat
Catalog number	mac071c-0-ns-4-c095-a-0di517lv
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Motor Size	71
Cooling Type	Natural Convection
Continuous Torque at Standstill	6.6 Nm
Maximum Peak Pulse Current	55 A
Nominal Motor Speed	3000 min ⁻¹
Protection Rating	IP65
Mass	11 kg

Description

The Indramat MAC071C-0-NS-4-C/095-A-0/DI517LV is a high-performance AC servo motor from Indramat's MAC series, designed for precision motion control in industrial applications. This motor features a motor size of 71 and a motor length of C, offering a compact yet powerful solution for various automation tasks. It operates with natural convection cooling, ensuring efficient thermal management without the need for additional cooling systems. The motor is rated for a continuous torque of 6.6 Nm at standstill, with a peak pulse current capability of 55 A, making it suitable for demanding start-stop cycles. It achieves a nominal motor speed of 3000 min⁻¹, providing high-speed performance for dynamic applications. The MAC071C-0-NS-4-C/095-A-0/DI517LV is housed in an IP65-rated enclosure, offering protection against dust and water ingress, which is essential for reliable operation in industrial environments. With a mass of 11 kg, it combines durability with a manageable weight for ease of integration into various systems. This servo motor is ideal for applications requiring precise control, high torque density, and reliable performance, such as automated machinery, robotics, and material handling systems.