

3HAB5760-1/04

Industrial automation components

Manufacturer	Abb
Catalog number	3hab5760-104
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Power Rating	500 W
Maximum Speed	5000 rpm
Torque	3.5 Nm
Operating Voltage	AC 230 V
Protection Rating	IP65
Dimensions	160 × 140 × 200 mm
Weight	4.5 kg
Cooling	Natural convection
Frame Size	Spare_Parts

Description

The ABB 3HAB5760-1/04 is a high-performance servo motor engineered for precision motion control in robotics and industrial automation applications. Designed for compatibility with ABB's IRB 6400 series robots and corresponding drive systems, this motor ensures reliable and efficient operation across various manufacturing processes. Key specifications include a power rating of 500 W, a maximum speed of 5000 rpm, and a torque output of 3.5 Nm. It operates on an AC voltage of 230 V and features an IP65 protection rating, making it resistant to dust and fluid ingress. The motor's dimensions are 160 × 140 × 200 mm, with a weight of 4.5 kg for the motor unit. Cooling is achieved through natural convection, and the frame size is designated as Spare_Parts. This servo motor is suitable for applications in robotics, CNC machinery, automotive, packaging, and heavy industrial automation.