

## A06B-0166-B675

Industrial automation components

<b>Manufacturer</b>	Fanuc
<b>Catalog number</b>	a06b-0166-b675
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Horsepower</b>	3.8 KW
<b>Fire Rating</b>	a64
<b>Voltage</b>	134 V
<b>Power</b>	3.8 kW
<b>Speed (RPM)</b>	2000 RPM
<b>Cooling Capacity</b>	3.8 kW
<b>Product Type</b>	Motor
<b>Signal Level</b>	134 V

### Description

The Fanuc A06B-0166-B675 is a high-performance AC servo motor from Fanuc's Alpha M series, designed for precise motion control in industrial automation applications. This model, identified by part number A06B-0166-B675, features a continuous output power of 3.8 kW and a rated speed of 3000 RPM, making it suitable for demanding tasks requiring high torque and speed. The motor operates at a nominal voltage of 134 V, utilizing a 3-phase system, and is equipped with a tapered shaft (TPR) and an integrated electromagnetic brake (BRK) for enhanced stability and safety during operation. Additionally, it incorporates an A64 series pulse coder encoder, ensuring accurate position feedback. These specifications make the A06B-0166-B675 ideal for applications such as CNC machine tools, robotics, and other precision machinery.