A06B-0828-B290

Industrial automation components

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Manufacturer	Fanuc
Catalog number	a06b-0828-b290
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	AC Spindle Motor
Product Series	Alpha P18
Moc znamionowa	9 kW
Maximum Power	11 kW
Speed Range	750 to 6000 RPM
Dimensions	1016.0 x 1016.0 x 609.6 mm
Weight	145.19 kg
Shaft Type	Metallic and Cylindrical
Ambient Temperature Range	0 to 40 °C

Description

The Fanuc A06B-0828-B290 is an Alpha P18 series AC spindle motor engineered for high-performance industrial applications. Designed to deliver continuous power output of 9 kW under S1 duty cycle conditions, it can achieve up to 11 kW under S2 (30-minute) and S3 (60% duty cycle) ratings.

Operating within a speed range of 750 to 6000 revolutions per minute, this motor ensures precise and reliable performance in demanding environments. Its robust construction features a black and red housing with an integrated cooling fan, facilitating effective thermal management during operation.

The motor's dimensions are 1016.0 mm in length and width, with a height of 609.6 mm, and it weighs approximately 145.19 kg, making it suitable for substantial industrial machinery. The shaft end is metallic and cylindrical, designed for compatibility with various equipment configurations.

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The insulation class is H, and it is engineered to operate in ambient temperatures ranging from 0 to 40 degrees Celsius. This motor is ideal for applications requiring consistent and efficient power delivery, such as CNC machines and other precision equipment.

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