180L-06

Industrial automation components

Add to quote | Ask about this product



Manufacturer	Siemens
Catalog number	180l-06
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Frame Size	180L mm
Rated Power	18 kW
Voltage	440 V
Frequency	60 Hz
Enclosure	Totally Enclosed Fan Cooling (TEFC)
Degree of Protection	IP55
Mounting Type	IM1041
Cooling Method	IC411
Ambient Temperature Range	-20 to 40 °C
Rotor Type	Cage motor
Bearing Type	6310-2Z/C3WT

Description

The Siemens 180L-06 is a high-performance three-phase squirrel-cage induction motor designed for industrial applications requiring reliable and efficient operation. Manufactured by Siemens, this motor features a frame size of 180L, indicating its robust construction suitable for demanding environments.

It operates at a rated power of 18 kW, delivering substantial torque for various industrial machinery. The motor is designed for a voltage of 440 V and a frequency of 60 Hz, aligning with standard industrial power supplies.

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE
VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

Generated on demand. The PDF file is not stored on the server.

Its insulation class F ensures durability and longevity under continuous operation. The motor's enclosure is Totally Enclosed Fan Cooling (TEFC), providing protection against dust and moisture, making it suitable for harsh industrial settings.

With a degree of protection IP55, it offers enhanced resistance to ingress of dust and water. The motor's mounting type is IM1041, a flange-mounted configuration, facilitating easy integration into existing systems.

Its cooling method is IC411, indicating self-ventilated, totally enclosed fan-cooled operation. The motor's ambient temperature range is from -20°C to 40°C, allowing it to function effectively in various environmental conditions.

The rotor type is cage motor, ensuring efficient torque generation and reliability. The bearing type is 6310-2Z/C3WT, a deep groove ball bearing, known for its durability and low maintenance requirements.

The motor's weight is approximately 166 kg, reflecting its sturdy construction. This motor is ideal for applications such as conveyor systems, pumping equipment, and HVAC systems, where consistent performance and reliability are paramount.