

#### **AC MOTORS - INDUCTION & REVERSIBLE**

Compact and cost-effective with reliable performance Variable AC power input options

Forward or reverse operation

Available in lead wire or terminal box configuration

Options:

Magnetic brake

Control circuits

Speed reducers

IP54 enclosure

Input voltage: 1Φ 100-240

3Ф 220-380

Power: 6-90 W

Rated speed: 900-1650 RPM Starting torque: 0.06-2.28 Nm Rated torque: 0.04-0.67 Nm

### SPEED CONTROLLED MOTORS

Easy wiring and speed control Assembled controller available Induction and reversible motors

Options:

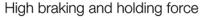
Integrated electronic brake

Speed reducers

Input voltage:  $1\Phi$  100-240 Power: 6-90 W

Speed range: 90-1700 RPM Starting torque: 0.06-0.57 Nm

## **BRAKE MOTORS**



Magnetic and electronic instant brakes available

Clutch brake available for frequent start/stop operation

Overturn control

Precise positioning

Continuous and variable speed options available

Compact and versatile mounting

Options:

Speed reducers

Electronic instant brake module



Input voltage: 1Φ 100-240

3Ф 220-380

Power: 6-90 W

Rated speed: 1100-1650 RPM (continuous)

90-1700 RPM (variable speed)

Starting torque: 0.06-2.28 Nm Rated torque: 0.04-0.67 Nm

### **TORQUE MOTORS**

High starting torque with stable operation Compact and cost-effective

Built-in thermo switch

Available in lead wire or terminal box configuration

Options:

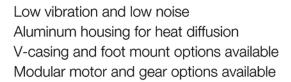
Speed reducers

Built-in voltage regulator

Input voltage: 1Φ 60-220 Power: 3-40 W

Rated speed: 570-1550 RPM Starting torque: 0.03-0.77 Nm Rated torque: 0.007-0.34 Nm

## **GEAR MOTORS**



Options:

IP65 enclosure

Thermo switch

Brake

Wide range of gear ratios

Input voltage: 1Φ 110-220

3Ф 220-380

Power: 100-220 W

1/8 - 3 HP

Full load RPM: 1400-1700 RPM

Output RPM: 7-600 RPM

Output torque: 1.47-1172.18 Nm

# **IE3 PREMIUM EFFICIENCY IEC MOTORS**

IEC 60034-30 IE3 premium efficiency Low vibration and low noise Standard IEC metric sizes F class insulation V-casing and H-casing available 80M, 90L and 100L sizes



Input voltage: 3Φ 220-380 Power: 750-2200 W

1-3 HP

Full load RPM: 1750 RPM

Output torque: 17.55-77.66 Nm Efficiency: up to 90.6%



Sesame Motor Corporation was founded in 1990 as a manufacturer of motors and gear reducers. Sesame Motor has spent over 20 years concentrating on motor and gear reducer manufacturing with its efforts and innovation to obtain constant growth. Sesame Motor uses world class manufacturing and enterprise resource planning to build AC motors and precision gear reducers in their new factory built in 2009. Sesame Motor continues to be one of the leading manufacturers in the motor industry.

All of Sesame Motor's products are engineered to the highest precision and quality requirements, resulting in large market share and an excellent reputation in the power transmission industry. Sesame Motor's exceptional quality has been widely used in automation industries all over the world.

Primary industries and markets served:

machine tools
industrial robots
semiconductor devices
aerospace industry
medical and rehabilitation equipment
robotic palletizers
green energy related industries
precise automation equipment

Sesame Motor products are CE, CCC and UL certified and the company is ISO9001 and ISO14001 certified.

Authorized Distribution Partner



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