



**SESAME**



**AC Motors  
Speed Controlled Motors  
Brake Motors  
Torque Motors  
Gear Motors  
IE3 Premium Efficiency IEC Motors**



## 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:	1 $\Phi$ 100-240
	3 $\Phi$ 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



High braking and holding force  
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:	1 $\Phi$ 100-240
	3 $\Phi$ 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:	1 $\Phi$ 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

Low vibration and low noise  
Aluminum housing for heat diffusion  
V-casing and foot mount options available  
Modular motor and gear options available

Options:

IP65 enclosure  
Thermo switch  
Brake  
Wide range of gear ratios

Input voltage:	1 $\Phi$ 110-220 3 $\Phi$ 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:	3 $\Phi$ 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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