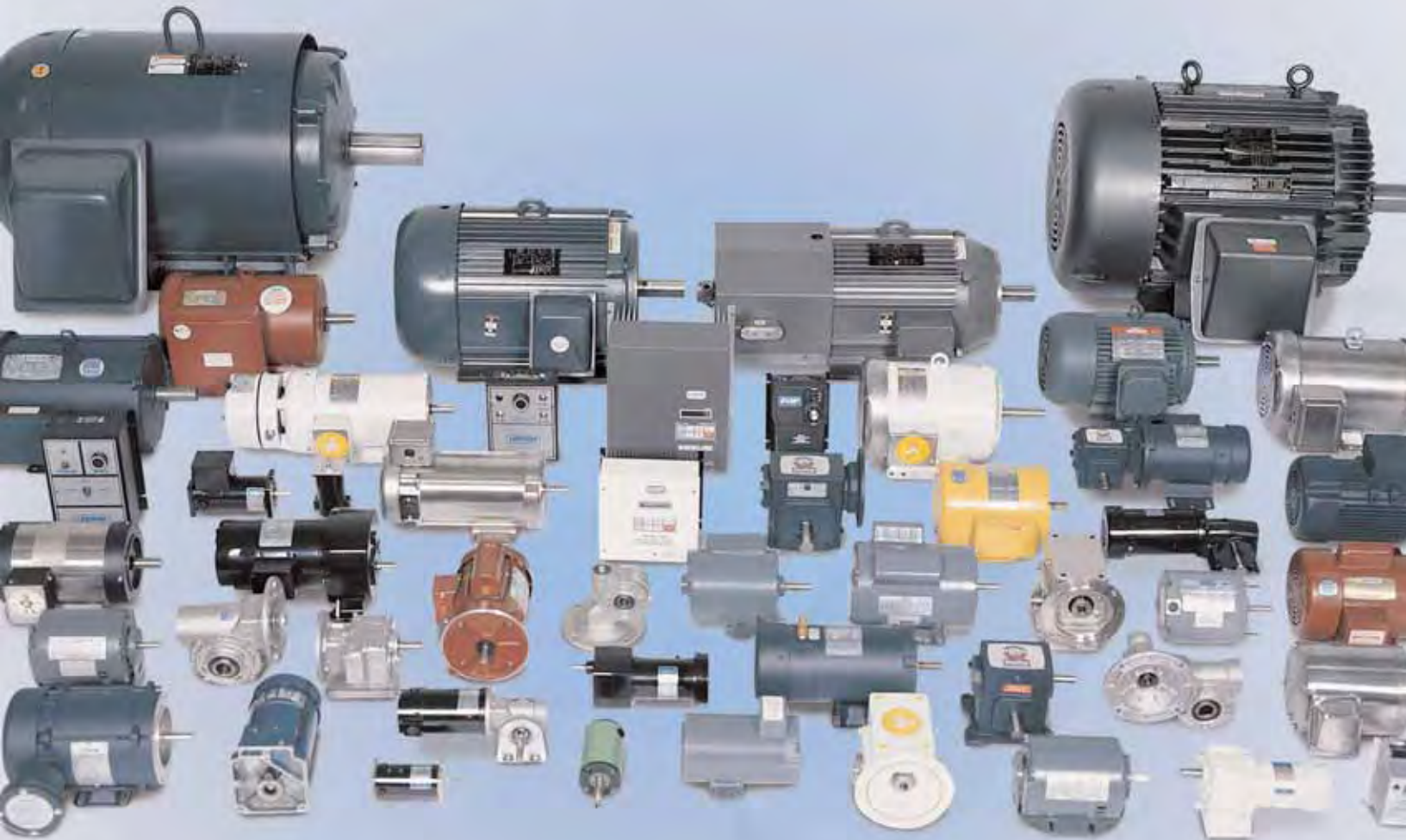




More *Than Just a Motor Company*



STOCK PRODUCTS

QUICK REFERENCE GUIDE

AC MOTORS

General Purpose Motors

SINGLE PHASE

THREE PHASE

Rigid Base	1/6 thru 10 HP	1/6 thru 350 HP
C Face.....	1/4 thru 10 HP	1/4 thru 100 HP
Resilient Base.....	1/4 thru 2 HP	1/3 thru 5 HP
Premium Efficiency WATSAVER® ...	1/4 thru 2 HP	1/3 thru 200 HP



Inverter-Duty Insulation System
Standard on all LEESON 3 phase
NEMA frame motors 1 HP and larger



Ag Motors

General Purpose Farm Duty.....	1/3 thru 10 HP	—
Fan Duty	1/4 thru 3 HP	3/4 thru 3 HP
Industry-AG.....	1/3 thru 2 HP	—
Special Application	1/4 thru 15HP	1 thru 15HP



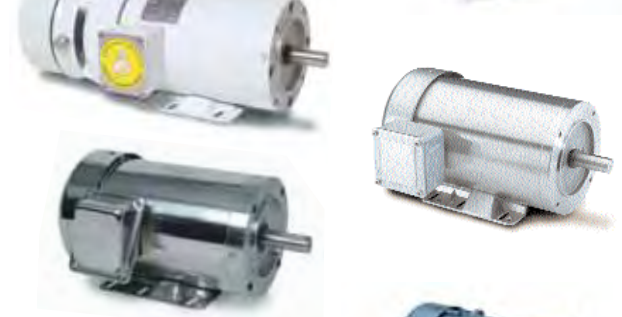
Brakemotors.....

1/3 thru 1 HP	1/3 thru 10HP	
C Face Coupler Brakes.....	1/3 thru 3 HP	1/3 thru 50HP
BRAKEKIT™	1/3 thru 3 HP	3/4 thru 5 HP
(For field modification of TEFC motors to brakemotors)		
WASHGUARD White		
Epoxy Coated.....	—	1/3 thru 2 HP
All-Stainless WASHGUARD	—	1/2 thru 1 HP



Chemical Service Motors

Cast Iron, Epoxy Painted	—	3 thru 20 HP
All-Stainless WASHGUARD	1/3 thru 2 HP	1/2 thru 10 HP
WASHGUARD SST	—	1/3 thru 3 HP
Cast Iron, Adaptable for Chemical Service with Severe Duty Kit	—	25 thru 100 HP



Compressor Duty Motors...1 thru 10 HP

1 thru 20 HP



Explosion Proof Motors

Steel Frame	1/3 thru 2 HP	1/3 thru 5 HP
Cast Iron Frame.....	—	3 thru 250 HP



Fan & Blower Motors

General Purpose	1/4 thru 2 HP	1/3 thru 3 HP
PSC Type	1/4 thru 1 HP	—
Two-Speed.....	1/4 thru 1 HP	1/2 thru 1½ HP
TEAO	3/4 thru 3 HP	3/4 thru 3 HP
HVAC Blower	—	1/3 thru 5 HP
Condenser Fan.....	—	1 thru 1½ HP
FHP Commercial Duty	1/4 thru 1/2 HP	—
Performa +	1/4 thru 1/2 HP	—



AC MOTORS

SINGLE PHASE THREE PHASE

Food Processing Washdown-Duty Motors

WASHGUARD White Epoxy Coated.....	1/3 thru 2 HP	1/4 thru 15 HP
WASHGUARD II Paint Free	—	1/2 thru 2 HP
All Stainless WASHGUARD	1/3 thru 2 HP	1/2 thru 10 HP
WASHGUARD SST	1/2 thru 2 HP	1/3 thru 3 HP

IEC Metric Motors..... — .018 kW thru 45 kW

Instant Reversing Motors.....1/3 thru 3/4 HP —

Poultry Motors1/4 thru 3 HP 3/4 thru 3 HP

Inverter-Duty Motors

WATTSaver®	—	1/3 thru 200 HP
SPEEDMASTER®.....	—	1 thru 350 HP
Sub-FHP	—	1/15 thru 1/4 HP

Pressure Washer Motors3/4 thru 5 HP —


Pump Motors

Jet Pump.....	1/2 thru 3 HP	3/4 thru 3 HP
JM Type.....	1 thru 10 HP	1 thru 50 HP
JP Type	5 thru 10 HP	1½ thru 50 HP
Swimming Pool.....	1/2 thru 3 HP	—
JM Type WASHGUARD White Epoxy	—	1 thru 15 HP
JM Type All Stainless WASHGUARD.....	—	1 thru 10 HP

Severe Duty Motors

WATTSaver® Plus	—	3 thru 20 HP
IEEE 841 Premium Efficient	—	1 thru 25 HP

Special Power/Voltage Motors

50 Hz 	1/3 thru 5 HP	1/2 thru 150 HP
200-208 Volt	—	3/4 thru 10 HP
575 Volt	—	1/3 thru 150 HP

Woodworking Motors.....3/4 thru 4 HP —

Two-Speed Motors..... — 1 thru 10 HP

Quick-turnaround multi-speed and low-speed specials.....	—	1 thru 200 HP
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DC MOTORS



SCR-Rated, 90 & 180 Volts, Permanent Magnet

Sub-FHP1/25 thru 1/4 HP
 NEMA Frame1/4 thru 3 HP

Low-Voltage, 12 & 24 Volts, Permanent Magnet

Sub-FHP1/20 thru 1/3 HP
 NEMA Frame1/4 thru 1 HP

Food Processing Washdown-Duty

Sub-FHP, 90 Volts1/8 thru 1/4 HP
 WASHGUARD SCR-Rated, NEMA Frame1/4 thru 1 1/2 HP
 All Stainless, SCR-Rated, NEMA Frame1/4 thru 1 HP
 Sub-FHP, Low Voltage (12V)1/8 thru 1/4 HP

Explosion Proof

SCR-Rated, NEMA Frame1/3 thru 3/4 HP

IEC Metric SCR-Rated & Low Voltage

B5 Mounting0.06 thru 0.25 kW
 B14 Mounting0.05 thru 0.25 kW
 Convertible B3, B5, B14 Mounting0.25 thru 2.2 kW
 WASHGUARD, SCR-Rated0.37 thru 0.55 kW
 All Stainless, SCR-Rated0.25 thru 0.75 kW

ADJUSTABLE SPEED AC & DC DRIVES



Micro Series AC Inverters1/2 thru 150 HP

WASHGUARD1/2 thru 60 HP
 WASHGUARD All Stainless1/2 thru 20 HP

SM Plus Sub-Micro AC Inverters1/4 thru 25 HP
 SM Vector Series AC Inverters1/2 thru 10 HP
 SM Series AC Inverters1/3 thru 15 HP
 SM Flux Vector Series AC Inverters1/2 thru 25 HP

FHP Series Ac Inverters1/4 thru 1 HP

DC SCR ControlsSub-FHP thru 3 HP
 DC Regenerative Controls1/4 thru 2 HP
 DC Pulse Width Modulated ControlsSub-FHP thru 1/4 HP
 DC SCR Dual Motor ControlSub-FHP thru 2 HP

Low Voltage Controls12/29V thru 120 Amp
 Low Voltage Controls36/48V thru 100 Amp

GEAR PRODUCTS



Worm Reducers & Gear+Motors™

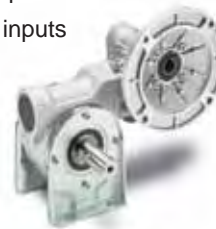


- Premium cast iron worm reducers to 35 input HP
- Viton® seals, high-temperature synthetic oil standard
- Extensive range of mounting options & accessories
- Single or double reduction
- WASHGUARD to 7 input HP
- All-Stainless WASHGUARD selections to 9 HP
- Drop-in replacement for most competitive brands
- AC or DC Gear+Motors™ from stock
- Ratio multipliers to 13 input HP



- Aluminum housing designed for compactness and light weight
- Up to 7½ input HP
- NEMA IEC inputs

- Inch and metric output shafts
- Modular construction, wide array of mountings for maximum flexibility
- Single or double reduction
- Ideal OEM solution
- AC or DC Gear+Motors™ from stock



Inline Reducers & Gearmotors

- Industrial-duty aluminum housings
- 1/4 thru 13 input HP
- Single stage ratios 1.30:1 to 10.8:1
- Two-stage ratios to 63:1
- Three-stage ratios to 278:1
- Modular base and flange mounts interchange with most other popular brands, including SEW, Nord, David Brown, Dodge, Brook Hansen and more
- AC or DC Gear+Motors™ from stock



Sub-Fractional HP Gearmotors

AC Parallel Shaft12 thru 1105 lb. in. output torque
Inverter Rated12 thru 391 lb. in. output torque
AC Right-Angle14 thru 113 lb. in. output torque
Inverter Rated54 thru 238 lb. in. output torque

AC Single Phase or Three Phase available

DC Parallel Shaft10 thru 1112 lb. in. output torque
WASHGUARD White Epoxy25 thru 353 lb. in. output torque
DC Right-Angle5 thru 135 lb. in. output torque
WASHGUARD White Epoxy25 thru 135 lb. in. output torque

DC SCR or Low Voltage available



CUSTOMIZED PRODUCTS

Custom Motors, Gearboxes & Gearmotors

LEESON is a leading designer and manufacturer of application-specific AC and DC motors and gearmotors in sub-fractional, fractional and integral horsepower sizes. We offer a database of over 30,000 custom designs, experienced application and design engineering teams, and the unique collaborative environment of the LEESON Design Center to ensure the best, most cost-effective custom motor solution.



Custom Multi-Speed & Low-Speed Motors

LEESON's PDQ Modular Production Program utilizes specially designed and standard components to make almost any imaginable NEMA frame multi-speed or low-speed motor available when you need it. We pride ourselves on fast turnaround times on highly customized motors.

Custom motors include two, three and four-speed motors and speed ranges of 900, 720, 600, 450 and 300 RPMs. We also specialize in non-standard shaft designs.

