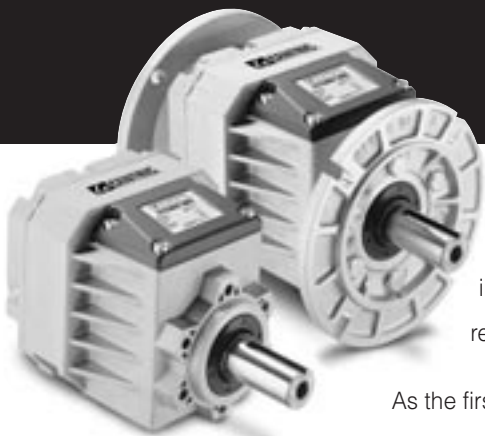




Inline Reducers

Interchangeable With Popular Brands



LEESON Electric is pleased to introduce the new LeCENTRIC™ line of inline gear reducers, the smart choice for **bolt-in replacement** of popular reducers such as SEW, Nord, David Brown, Dodge, Brook Hansen, and more!

As the first full line (1/4 through 7-1/2 HP) of industrial aluminum gear reducers, LeCENTRIC™ offers unsurpassed advantages in terms of weight and efficiency. LeCENTRIC™ reducers are loaded with the **long-life features** industrial equipment users have come to expect. Standard features such as hardened and ground gearing (AGMA Class 10 or better) for enhanced efficiency and noise reduction; heavy-duty output shaft for superior torque and overhung load capacities; oversized ball bearings on input and output shafts; synthetic oil and premium Viton seals on input and output shafts.

Perhaps LeCENTRIC™'s most intriguing feature is its **modular construction**, which allows for the in-field addition of the specific base or output flange needed to make LeCENTRIC™ a bolt-in replacement for any of dozens of popular gear reducers.

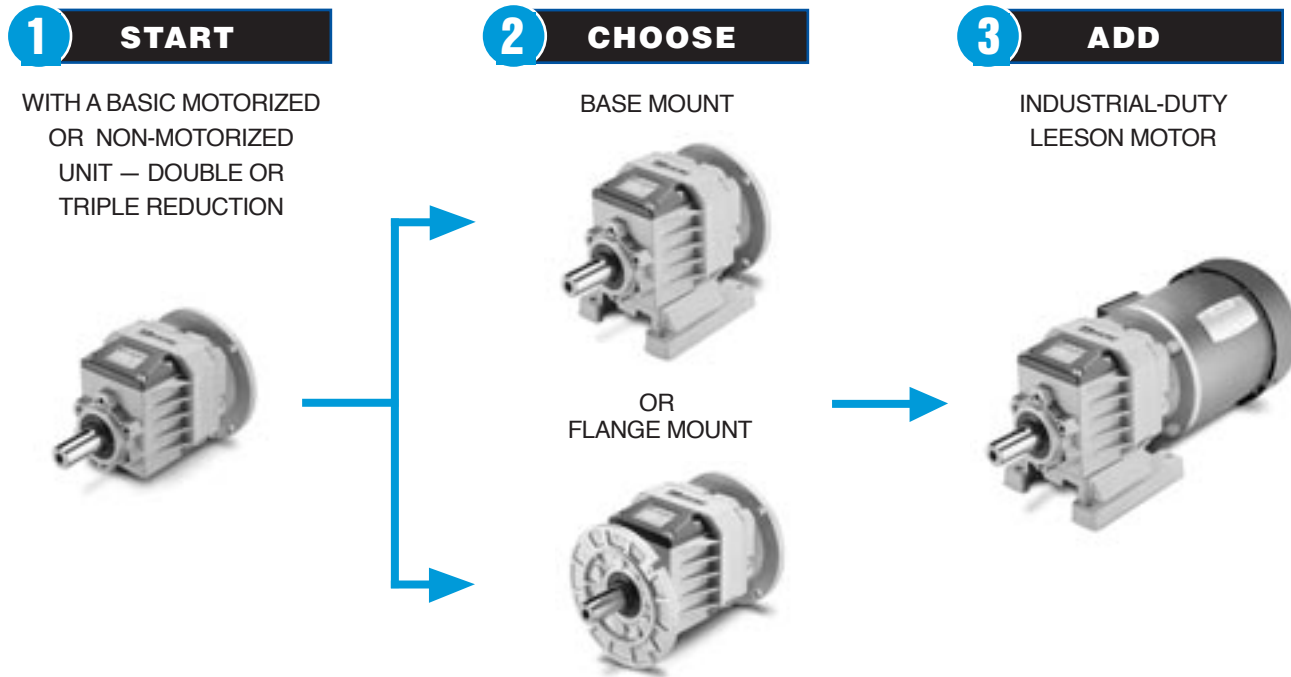
The LeCENTRIC™ line is a companion to the already established LEESON IRONMAN® line of right-angle gear reducers. Both LeCENTRIC™ and IRONMAN® are built to team with any of hundreds of stock LEESON motors, in enclosures such as drip-proof, totally enclosed and explosion-proof. In fact, hundreds of **LEESON Gear+Motors™** are available off the shelf for quick shipment.

LEESON Electric is a subsidiary of **REGAL-BELOIT CORPORATION**, one of North America's leading manufacturers of power transmission products.

WIDE RANGE OF STYLES: Double or Triple Reduction...Base or Flange Mount!



LeCENTRIC™ reducers are available in a wide range of styles to meet your every need. Start with a basic motorized or non-motorized unit, in double or triple reduction. Select from base or flange mount models. Order your LeCENTRIC™ reducer ready-to-run, with final assembly provided free-of-charge by the LEESON Mod-Squad.™ Or decide to complete the final configuration yourself, using easy-to-install LeCENTRIC™ Accessory Kits shown on page 136.



DIRECT INTERCHANGE CHARTS

LeCENTRIC™ reducers serve as dependable, bolt-in replacements for many popular brands. See page 137 for specific information about interchangeability.

	FOOT MOUNT	FLANGE MOUNT
SEW	✓	✓
Bonfiglioli	✓	✓
Brook Hansen	✓	✓
Browning	✓	✓
David Brown	✓	✓
Dodge Quantis	✓	✓
Falk	✓	✓
Flender/Motox	✓	✓

	FOOT MOUNT	FLANGE MOUNT
Grove	✓	✓
Hansen	✓	✓
Lenze	✓	✓
Leroy Somer	✓	✓
Motovario	✓	✓
Nord	✓	✓
Stober	✓	✓
Sumitomo	✓	✓



ALL GEARING IS HARDENED AND GROUND (AGMA Class 10 or better), for enhanced efficiency and noise reduction. Double reduction units are 96–97% efficient.

REMOVABLE INSPECTION COVER allows periodic inspection of gearing during routine maintenance.

RATIOS UP TO 63:1 in two-stage units and up to 278:1 in three-stage units to maximize efficiency and reduce overall case size.

SINGLE-PIECE ALUMINUM ALLOY HOUSING vacuum impregnated with Resinol RT (MIL-STD 276) for protection and sealing. No secondary finish required but readily accepts paint. Combines light weight with high tensile strength. Precision machined for alignment of bearings and gearing.

INDUSTRIAL-STRENGTH FEATURES

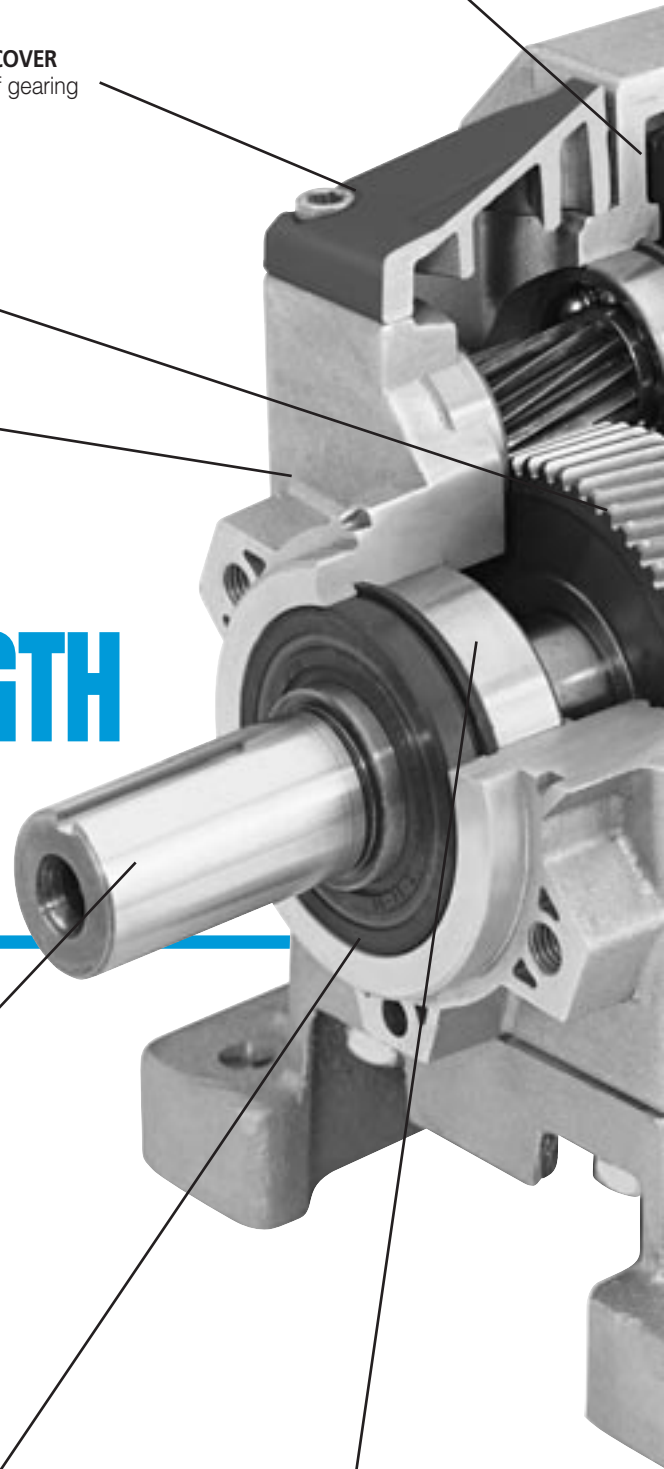
MOUNTING DIMENSIONS ARE INTERCHANGEABLE with many popular reducers, including SEW, David Brown, Nord, Dodge, and Brook Hansen. See pages 138-139 for details.

ROBUST OUTPUT SHAFT of high strength steel alloy for superior torque and overhung load capacities.

PERMANENTLY MARKED NAMEPLATE with output torque, ratio and maximum input horsepower.

PREMIUM VITON® SEALS provide extra protection against entry of contaminants or loss of lubrication. Tandem seals available on input and output.

OVERSIZED BALL BEARINGS on both input and output shafts.





LeCENTRIC™ REDUCERS ARE FILLED WITH MOBILGEAR SHC 320 SYNTHETIC OIL as standard. All sizes are considered “lubed for life.” Specify mounting position at time of order. Refer to page 147 for available positions.

ALUMINUM NEMA C FACE input flange (motorized quill input models) with machined fits for precision alignment of motor and bearings.

BEARING SPANS OPTIMIZED to allow for maximum overhung load capacity, enhanced durability and reliability—while minimizing shaft deflection.

REMOVABLE MOUNTING BASE allows interchange with dozens of competitive units.

BOLT-ON OUTPUT FLANGE also available to allow interchange with many industry-standard sizes.