



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 60 for available positions.

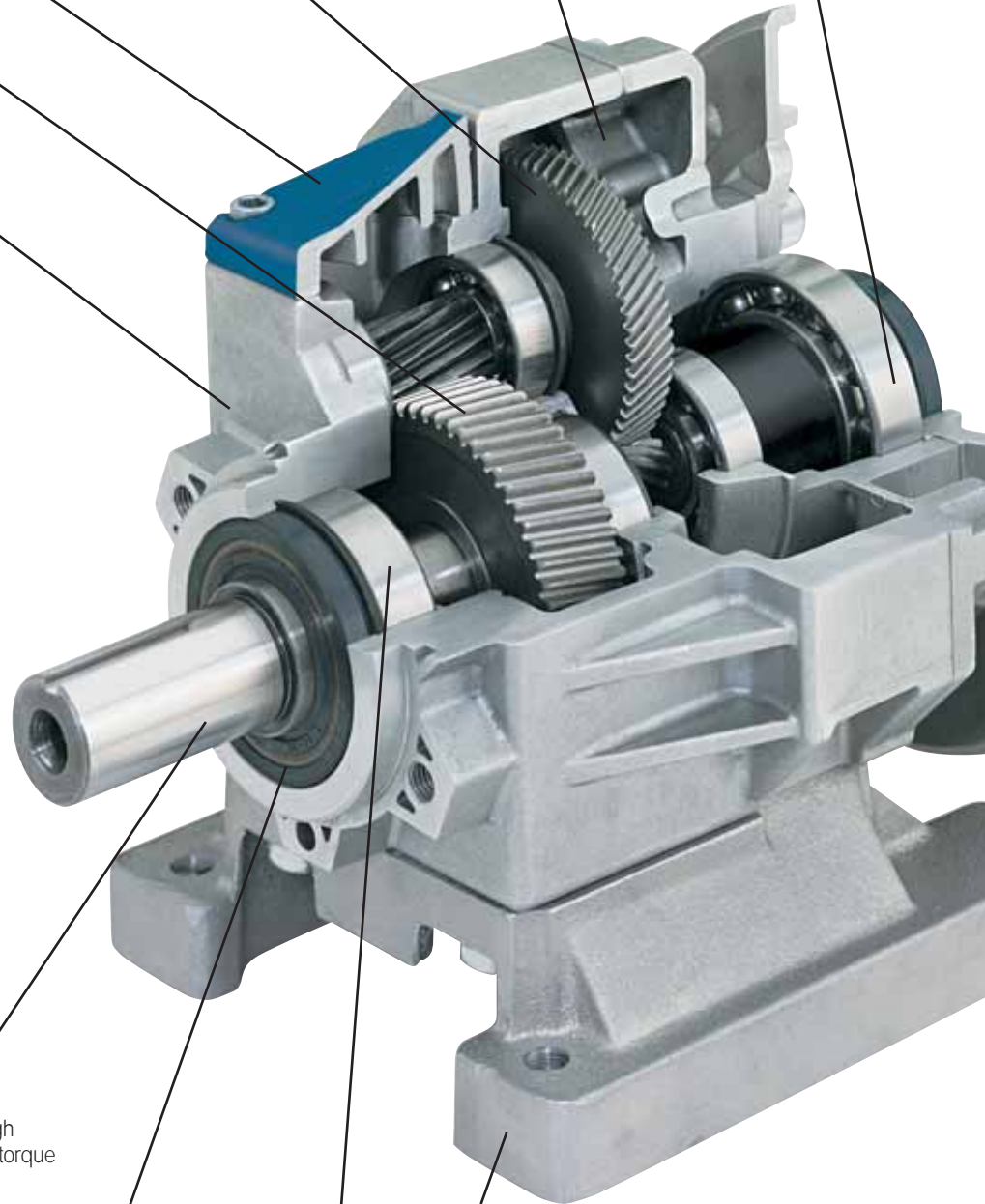
REMOVABLE INSPECTION COVER allows periodic inspection of gearing during routine maintenance.

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

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

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.



MOUNTING DIMENSIONS ARE INTERCHANGEABLE with many popular reducers, including SEW, David Brown, Nord, Dodge, and Brook Hansen. See pages 54-55 for details.

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

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

REMOVABLE MOUNTING BASE allows interchange with dozens of competitive units.

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

OVERSIZED BALL BEARINGS on both input and output shafts.

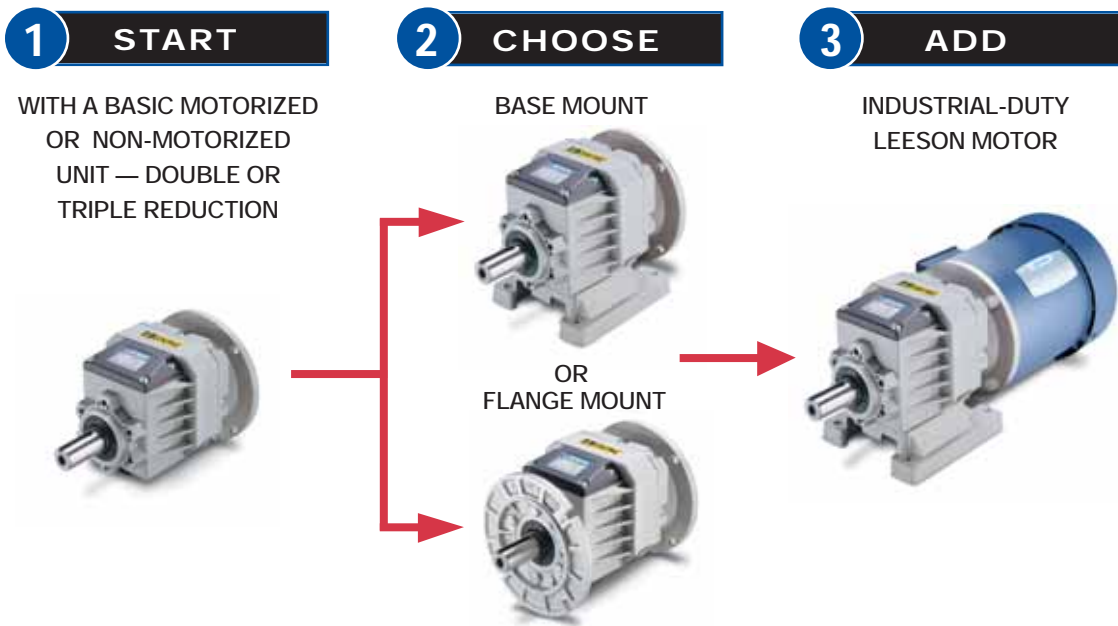
PERMANENTLY MARKED NAMEPLATE with output torque, ratio and maximum input horsepower.

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 52.

To make your job even easier, we've matched hundreds of LEESON motors with LeCENTRIC™ reducers and offer factory shipment of completely assembled Gear+Motors™, ready to install in your application. A Quick Selection Guide to many of the B1 Base Mount Gear+Motor™ options can be found in this catalog (pages 8-37). Included are TEFC single and three phase motors and DC SCR motors, as well as explosion-proof models.

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



DIRECT INTERCHANGE CHARTS

LeCENTRIC™ reducers serve as dependable, bolt-in replacements for many popular brands. See page 52 for specific information about interchangeability.

	FOOT MOUNT	FLANGE MOUNT		FOOT MOUNT	FLANGE MOUNT
SEW	✓	✓	Grove	✓	✓
Bonfiglioli	✓	✓	Hansen	✓	✓
Brook Hansen	✓	✓	Lenze	✓	✓
Browning	✓	✓	Leroy Somer	✓	✓
David Brown	✓	✓	Motovario	✓	✓
Dodge Quantis	✓	✓	Nord	✓	✓
Falk	✓	✓	Stober	✓	✓
Flender/Motox	✓	✓	Sumitomo	✓	✓

SEW CASE SIZE INTERCHANGE

The LeCENTRIC™ Inline Reducers interchange with SEW R7 Series, SEW R Series, David Brown, Nord, Hansen, and others using Interchange Base B1.

A Quick Reference Guide to the SEW case size interchange is below.

LEESON LeCENTRIC™	SEW R Series	SEW R7 Series
717	30	17
727	40	27
747	60	47
757	60	57