

PARTS MANUAL SHEET

SERIES 27A, 27T, & 27.1 GEAREDUCER ASSEMBLIES

WITH LABYRINTH FAN SHAFT CLOSURE

PL-27E

REPLACEMENT PARTS

- ITEM 1.0 COMPLETE GEAREDUCER ASSEMBLY, READY FOR INSTALLATION
- ITEM 1.1 SPIRAL BEVEL GEAR SET
 - A SET OF MATCHED SPIRAL BEVEL GEARS (INCLUDES INTEGRAL PINION SHAFT WITH KEY) GEAR RATIOS AS FOLLOWS: 5.77/1; 7.71/1; 8.66/1; 9.83/1
 - B RING GEAR ATTACHING HARDWARE
 - C LOCKNUTS AND LOCKWASHER
- ITEM 1.2 SET OF TWO FAN SHAFT BEARINGS
 - A UPPER, TAPERED ROLLER BEARING, TIMKEN NO. 34306-34500 OR EQUAL
 - B LOWER, TAPERED ROLLER BEARING, TIMKEN NO. 9285-9220 OR EQUAL
- ITEM 1.3 SET OF TWO PINION SHAFT BEARINGS
 - A HEAD, TAPERED ROLLER BEARING, TIMKEN NO. 835-832 OR EQUAL
 - B TAIL, TAPERED ROLLER BEARING, TIMKEN NO. 65200-65500 OR EQUAL
- ITEM 1.4 PINION SHAFT OIL SEAL, CHICAGO RAWHIDE NO. 18785 OR EQUAL
- ITEM 1.5 SET OF MOLDED SYNTHETIC RUBBER 'O' RING SEALS
 - A WATER SLINGER SEAL, 3 I.D. x 3-1/4 O.D. x 1/8
 - B BOTTOM BEARING CAP SEAL, 5-7/8 I.D. x 6-3/8 x 1/4
 - C PINION CAGE SEAL, 7-1/2 I.D. x 8 O.D. x 1/4
 - D EQUALIZER CONNECTOR SEALS (2 REQUIRED), 1 I.D. x 1-1/4 O.D. x 1/8
- ITEM 1.6 SET OF GASKETS
 - A PINION CAP GASKET
 - B INSPECTION COVER GASKET
- ITEM 1.7 KIT OF ASSORTED SHIMS
 - A LOWER BEARING CAP SHIMS
 - B UPPER BEARING CAP SHIMS
 - C PINION CAGE SHIMS
- ITEM 1.8 FAN SHAFT ASSEMBLY
 - A FAN SHAFT
 - B RING GEAR HUB
 - C LOWER FAN SHAFT KEY. THIS IS A SPECIAL HIGH STRENGTH KEY AND MUST BE OBTAINED FROM MARLEY.
 - D UPPER FAN SHAFT KEY. THIS IS A SPECIAL HIGH STRENGTH KEY AND MUST BE OBTAINED FROM MARLEY.
 - E FAN HUB RETAINING HARDWARE
- ITEM 1.9 OIL SLINGER

When ordering parts, always mention tower serial number, serial number of Geareducer and model number of Geareducer. Contact the Marley sales office or Marley representative in your area for assistance.

