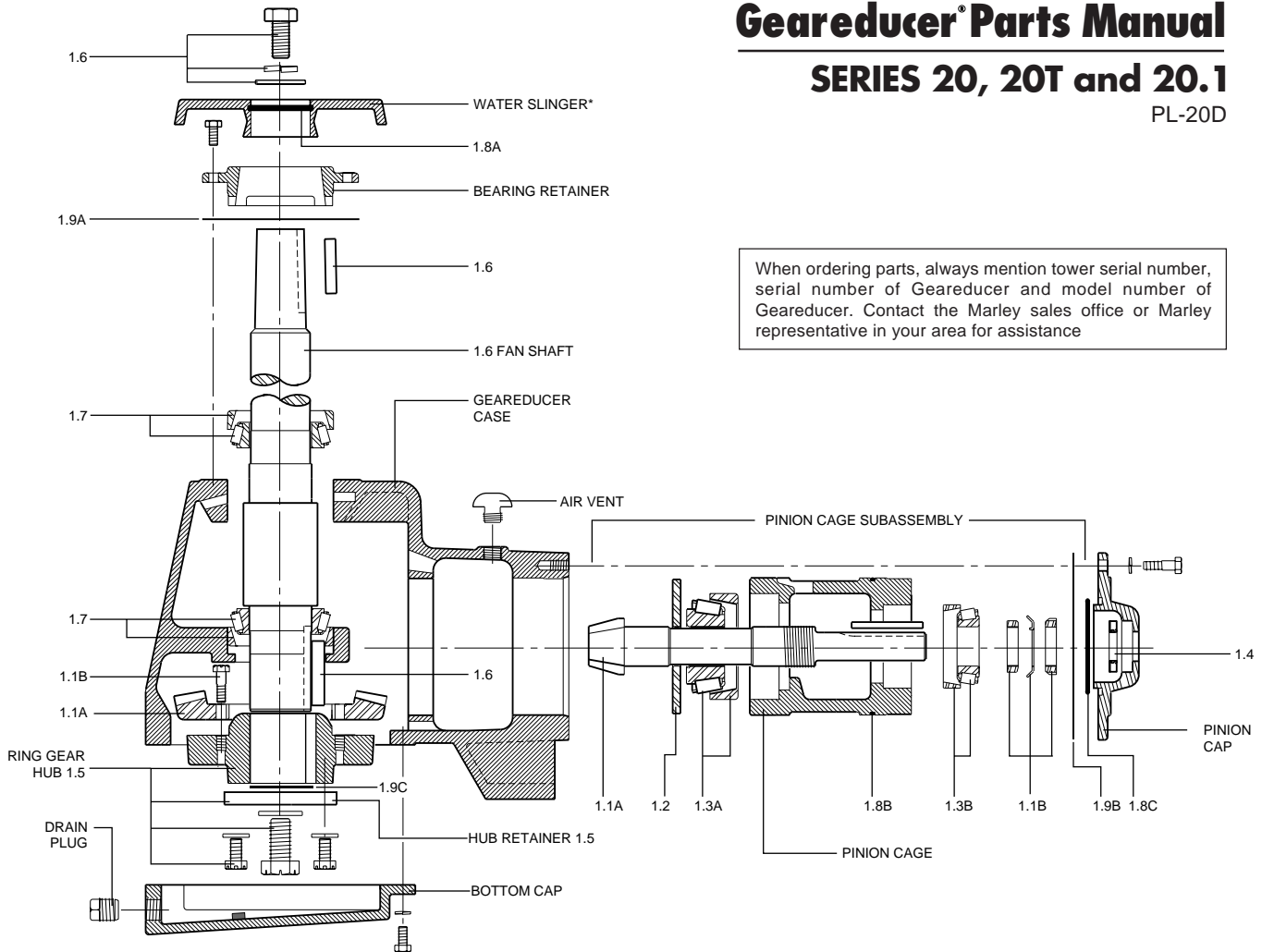


# Geareducer<sup>®</sup> Parts Manual

## SERIES 20, 20T and 20.1

PL-20D



## Replacement Parts

### 1.0 COMPLETE GEAREDUCER ASSEMBLY

ready for installation.

### 1.1 SPIRAL BEVEL GEAR SET

- A. Set of matched spiral bevel gears including integral pinion shaft with key. Gear ratios as follows:  
2.71 to 1—3.27 to 1—3.78 to 1  
4.11 to 1—4.89 to 1
- B. Ring gear attaching hardware.
- C. Locknuts and lockwasher.

### 1.2 OIL SLINGER

### 1.3 SET OF TWO PINION SHAFT BEARINGS

- A. Head, tapered roller bearing  
Timken No. 543-532X or equal.
- B. Tail, tapered roller bearing  
Timken No. 357-354A or equal.

### 1.4 PINION SHAFT OIL SEAL

Chicago Rawhide No. 11368 or equal.

### 1.5 RING GEAR HUB\*

### 1.6 FAN SHAFT\*

with keys and fan hub retaining hardware.

### 1.7 SET OF TWO FAN SHAFT BEARINGS

Tapered roller bearing, upper and lower, Timken No. 29586-29520 or equal.

### 1.8 SYNTHETIC RUBBER O-RING SEALS.

- A. Water slinger seal, 2<sup>3</sup>/<sub>8</sub>" ID × 2<sup>5</sup>/<sub>8</sub>" OD × 1<sup>1</sup>/<sub>8</sub>".
- B. Pinion cage seal, 5<sup>1</sup>/<sub>4</sub>" ID × 5<sup>1</sup>/<sub>2</sub>" OD × 1<sup>1</sup>/<sub>8</sub>".
- C. Pinion cage cap seal, 3<sup>3</sup>/<sub>8</sub>" ID × 3<sup>3</sup>/<sub>4</sub>" OD × 3<sup>1</sup>/<sub>16</sub>".

### 1.9 KIT OF ASSORTED SHIMS.

- A. Upper fan shaft shims.
- B. Pinion cage shims.
- C. Ring gear hub shims.

\* Ring gear hub and fan shaft must both be purchased when either one is required.