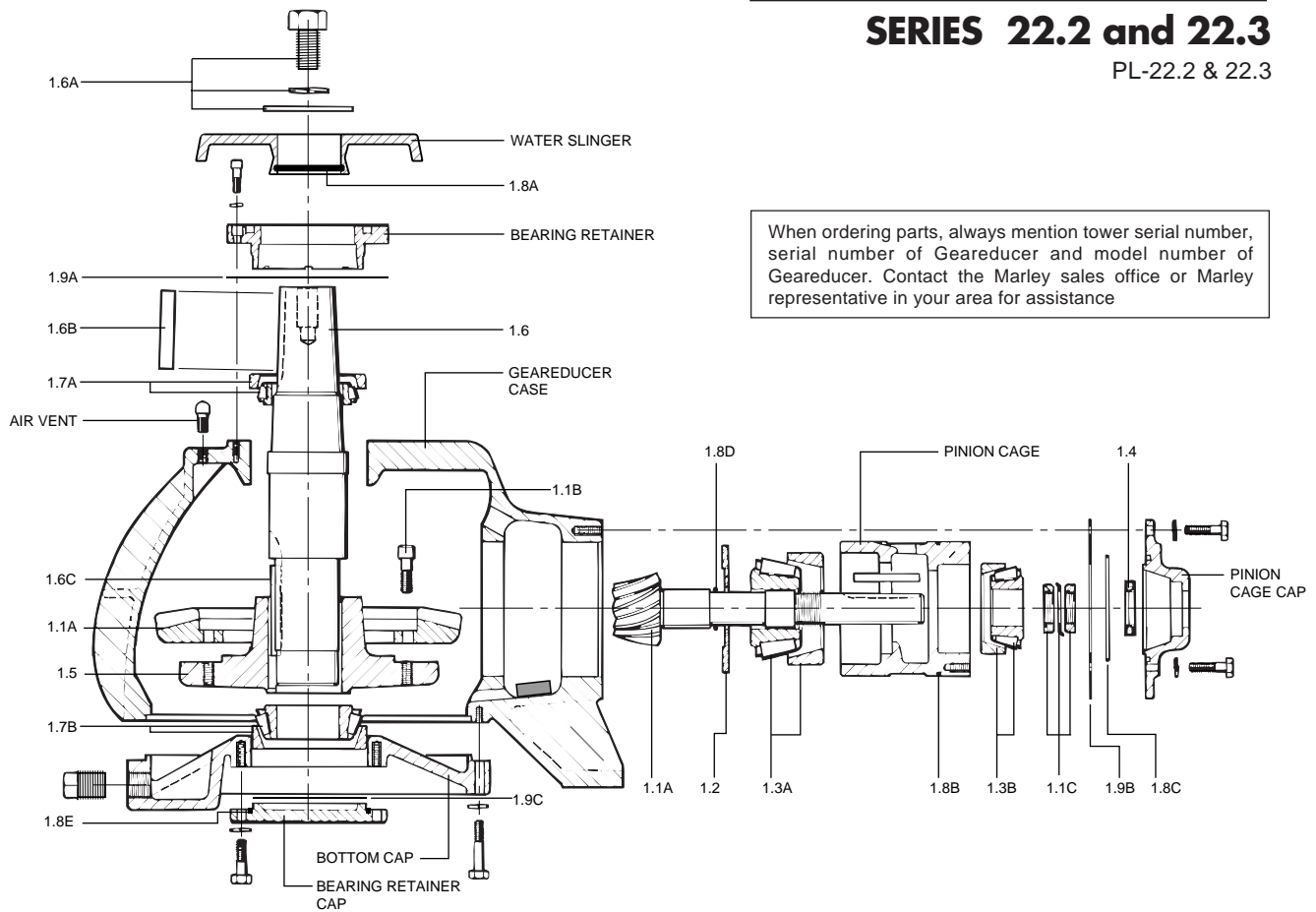


Geareducer® Parts Manual

SERIES 22.2 and 22.3

PL-22.2 & 22.3



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

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:
3.45 to 1—4.10 to 1—4.56 to 1—5.11 to 1
5.50 to 1—6.12 to 1—6.50 to 1—7.33 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. 6277-6220 or equal.
- B. Tail, tapered roller bearing
Timken No. 526-522 or equal.

1.4 PINION SHAFT OIL SEAL

Chicago Rawhide No. 13734 or equal.

1.5 RING GEAR HUB

1.6 FAN SHAFT

- A. Fan attaching hardware (cap screw & washers).
- B. Fan key.
- C. Ring gear hub key (this is a special high strength key. It must be obtained from Marley).

1.7 SET OF TWO FAN SHAFT BEARINGS

- A. Upper tapered roller bearing
Timken No. 34306-34500 or equal.
- B. Lower tapered roller bearing
Timken No. HM813844-HM813810 or equal

1.8 SYNTHETIC RUBBER O-RING SEALS.

- A. Water slinger seal, 3" ID × 3¼" ≤ OD × ⅛".
- B. Pinion cage seal, 5¾" ID × 6" OD × ⅛".
- C. Pinion cage cap seal, 4" ID × 4¾" OD × ⅜".
- D. Oil slinger seal, 1⅞" ID × 1⅞" OD × ⅛".
- E. Bearing retainer seal, 5" ID × 5¼" OD × ⅛".

1.9 KIT OF ASSORTED SHIMS.

- A. Upper fan shaft shims.
- B. Pinion cage shims.
- C. Lower fan shaft shims.