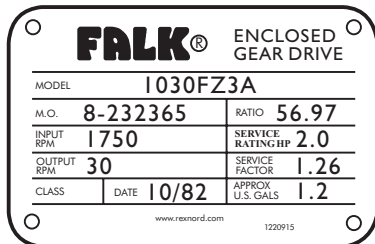


## Introduction

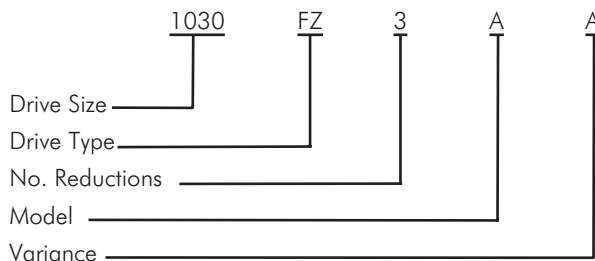
This parts guide is designed to assist in ordering replacements parts for standard gear drives. Consult Factory for special or modified drives.

**1. IDENTIFY DRIVE** — Record Drive Model, Ratio and M.O. Number from nameplate.

### Sample Nameplate



### Gear Drive Identification



### Variance Definitions:

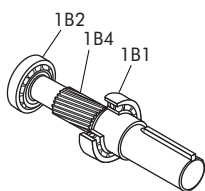
Blank = Standard Drive

A = Drive equipped With Backstop

S = Special — Refer to Factory

**2. IDENTIFY INDIVIDUAL PARTS** — Use exploded view on Page 2 to determine Ref. No. of required parts.

#### 1B ASSEMBLY



| Ref. No. | Part Description |
|----------|------------------|
| 1B1      | Bearing          |
| 1B2      | Bearing          |
| 1B4      | Pinion & Shaft   |

**NOTE:** Replace seals, shims, and gaskets whenever reassembling a drive. Shim-gaskets and fasteners are available only in kits as shown below.

SHIMS & GASKETS — See Kit Ref. No. 100

FASTENERS — See Kit Ref. No. 130

## Corrosion Protection and Storage

**CAUTION:** Follow guidelines below to avoid damage to parts.

- For domestic or indoor storage, Factory provides standard 24 month protection as boxed or optional 24 month protection for individual parts.
- For export or outdoor storage, Factory provides optional 18 month protection.

**CAUTION:** This protection does not cover exposure to elements such as standing water, etc.

| Ref. No.  | Part Description   |
|-----------|--|
| 14        | Seal   |
| 15        | Seal   |
| 20        | Dipstick   |
| 21        | Seal Cage (Replace with Ref 121)                         |
| 22        | Seal Cage (Replace with Ref 122)                         |
| 28        | Shaft Cover  |
| 29        | Shaft Cover (Replace with Ref 129)                       |
| 32        | Shaft Cover (Replace with Ref 132)                       |
| 33        | Backstop Cage  |
| 34        | Backstop   |
| 100       | Shim-Gasket Kit (Incls Ref 87, 89, 91, 94)               |
| 101       | Housing Assembly (Incls Ref 110, 113, 114, 100, 130, 20) |
| 120       | Backstop Assembly (Incls Ref 32, 33, 34, 68, 91)         |
| 121       | Seal Cage Assembly (Incls Ref 14, 21, 87)                |
| 122       | Seal Cage Assembly (Incls Ref 15, 22, 89)                |
| 129       | Shaft Cover Kit (Incls Ref 29, 91)                       |
| 130       | Fastener Kit (Incls Ref 59, 60, 66, 68, 73)              |
| 132       | Shaft Cover Kit (Incls Ref 32, 91)                       |
| <b>1B</b> | <b>Shaft Assembly — Incls Ref 1B1 thru 1B4</b>           |
| 1B1       | Bearing  |
| 1B2       | Bearing  |
| 1B4       | Pinion & Shaft   |
| <b>3A</b> | <b>Shaft Assembly — Incls Ref 3A1 thru 3A6</b>           |
| 3A1       | Bearing  |
| 3A2       | Bearing  |
| 3A3       | Shaft  |
| 3A4       | Pinion   |
| 3A6       | Gear   |
| <b>4A</b> | <b>Shaft Assembly — Incls Ref 4A1 thru 4A7</b>           |
| 4A1       | Bearing  |
| 4A2       | Bearing  |
| 4A4       | Pinion & Shaft (Incls Ref 4A7)                           |
| 4A6       | Gear   |
| 4A7       | Locknut  |
| <b>5A</b> | <b>Shaft Assembly — Incls Ref 5A1 thru 5A6</b>           |
| 5A1       | Bearing  |
| 5A2       | Bearing  |
| 5A6       | Gear & Shaft   |

**TABLE 1 — 3A Shaft Assembly (All Models) <sup>1</sup>**

| Ratio            | Drive Size |                |         | Ratio                  |                  |
|------------------|------------|----------------|---------|------------------------|------------------|
|                  | 1020/20    | 1030/30        | 1040/40 |                        | 1050/50          |
| 31.39            |            | ....           | ....    | ....                   | 31.39            |
| 38.44 thru 105.9 |            | 3A3, 3A4 & 3A6 |         | 50 Model M & 1050 Only | 38.44 thru 105.9 |
| 129.7            | ....       |                |         |                        | 129.7            |
| 158.9            | ....       |                |         |                        | 158.9            |

<sup>1</sup> Individual components for Drive Sizes and Ratios shown in the SCREENED area may be ordered separately. High interference fit components which must be assembled at the Factory are identified in the table above.

### Parts Diagram

