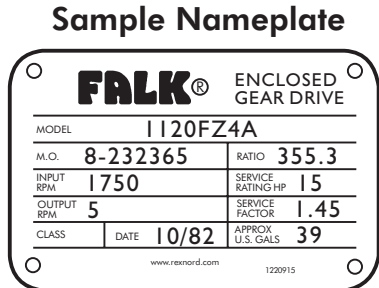


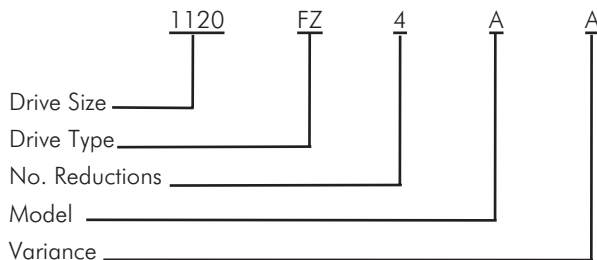
Introduction

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.



Gear Drive Identification



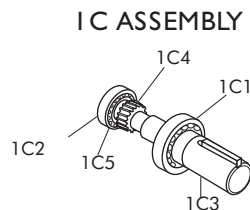
Variance Definitions:

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.



Ref. No.	Part Description
1C1	Bearing
1C2	Bearing
1C3	Shaft
1C4	Pinion
1C5	Spacer

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)
27	Shaft Cover (Replace with Ref 127)
28	Shaft Cover (Replace with Ref 128)
29	Shaft Cover (Replace with Ref 129)
32	Shaft Cover (Replace with Ref 132)(Sizes 1060-1090 & 60-90)
33	Backstop Cage (Sizes 1060-1090 & 60-90)
34	Backstop (Sizes 1060-1090 & 60-90)
41	Spacer
42	Spacer
47	Spacer
53	Thrustplate (Sizes 1100/100 & 1090)
100	Shim-Gasket Kit (Incls Ref 87, 89, 91, 94, 97, 98)
102	Housing Assembly (Incls Ref 112, 113, 100, 130)
110	Head
119	Yoke (Sizes 1100-1130 & 100-130)
120	Backstop Assembly (Incls Ref 32, 33, 34, 68, 91)(Sizes 1100-1130 & 100-130)
121	Seal Cage Assembly (Incls Ref 14, 21, 87)
122	Seal Cage Assembly (Incls Ref 15, 22, 89)
127	Shaft Cover Kit (Incls Ref 27, 97)
128	Shaft Cover Kit (Incls Ref 28, 98)
129	Shaft Cover Kit (Incls Ref 29, 91)
130	Fastener Kit (Incls Ref 59, 60, 64, 65, 66, 68, 73, 74)
132	Shaft Cover Kit (Incls Ref 32, 91)
1C Shaft Assembly — Incls Ref 1C1 thru 1C5	
1C1	Bearing
1C2	Bearing
1C3	Shaft
1C4	Pinion
1C5	Spacer (Sizes 1110-1130 & 110-130)
2A Shaft Assembly — Incls Ref 2A1 thru 2A8	
2A1	Bearing
2A2	Bearing
2A4	Pinion & Shaft
2A5	Spacer (Size 1070, Not shown)
2A6	Gear
2A7	Locknut
2A8	Bushing (Sizes 1080-1090 & 80-90, Not shown)
3A Shaft Assembly — Incls Ref 3A1 thru 3A7	
3A1	Bearing
3A2	Bearing
3A3	Shaft
3A4	Pinion
3A5	Spacer (Sizes 1060-1080, 1120 & 1130)
3A6	Gear
3A7	Locknut
4A Shaft Assembly — Incls Ref 4A1 thru 4A7	
4A1	Bearing
4A2	Bearing
4A4	Pinion & Shaft (Incls Ref 4A7)
4A5	Spacer (Sizes 1100-1130 & 100-130)
4A6	Gear
4A7	Locknut
5A Shaft Assembly — Incls Ref 5A1 thru 5A6	
5A1	Bearing
5A2	Bearing
5A3	Shaft
5A6	Gear

Parts Diagram

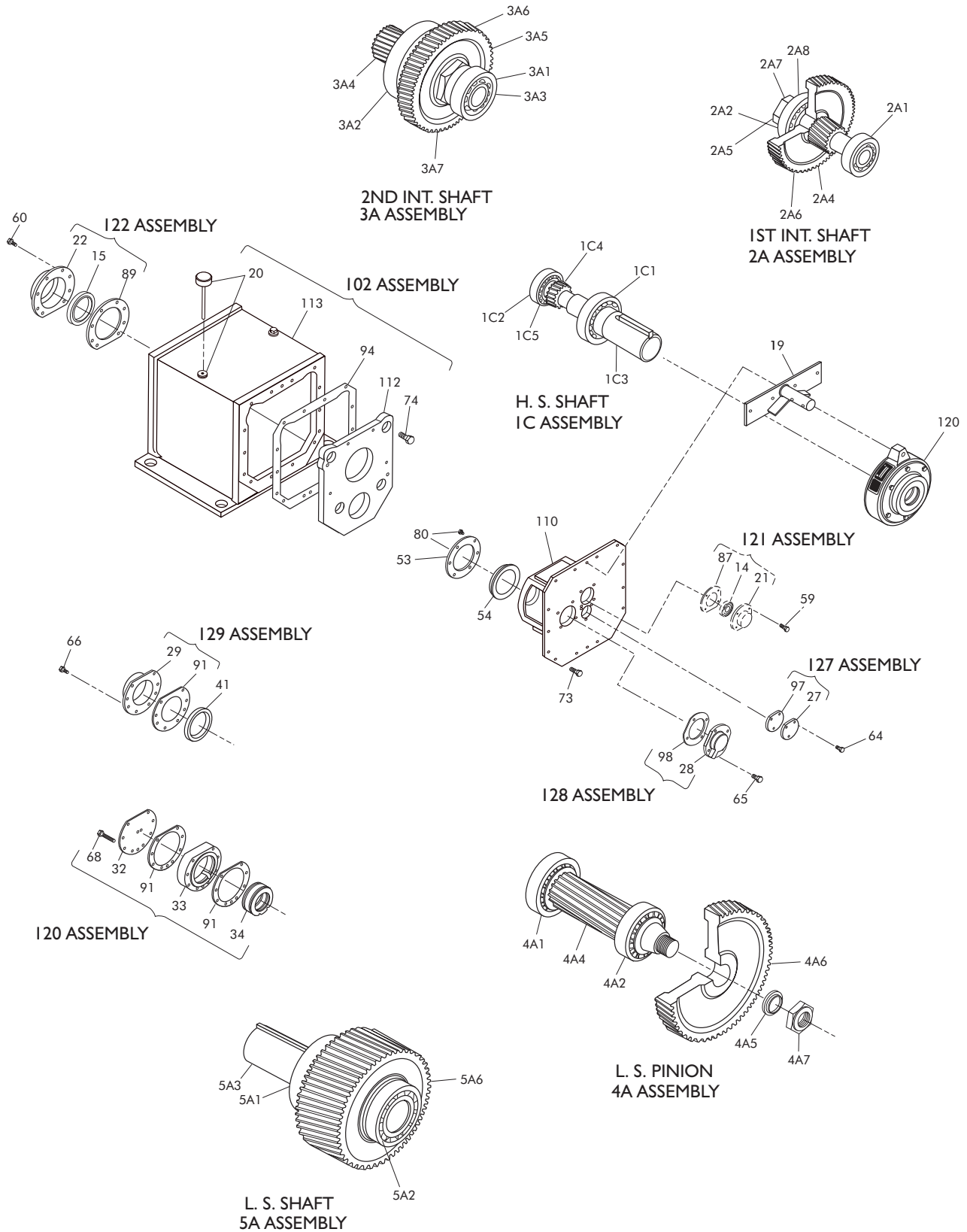


TABLE 1 — 1C & 3A Shaft Assemblies (Sizes 1060-1130 & 60-130, Model M) ¹

Ratio	Drive Size								Ratio
	1060/60	1070/70	1080/80	1090/90	1100/100	1110/110	1120/120	1130/130	
238.4	1C1, 1C3, & 1C4				1C3 & 1C4				238.4
291.9									291.9
357.5									357.5
437.9									437.9
536.3	1C3 & 1C4				3A3 & 3A4				536.3
656.8									656.8
804.5									804.5
985.3									985.3
1207	3A3 & 3A4				3A3 & 3A4				1207
238.4									238.4
291.9									291.9
357.5									357.5
437.9	3A3 & 3A4				3A3 & 3A4				437.9
536.3									536.3
656.8									656.8
804.5									804.5
985.3	3A3 & 3A4				3A3 & 3A4				985.3
1207									1207

¹ Individual components for Drive Sizes and Ratios shown in the SCREENED areas may be ordered separately. High interference fit components which must be assembled at the Factory are identified in Tables 1 & 2.

TABLE 2 — 1C, 3A & 5A Shaft Assemblies (Sizes 60-130, Models A & B) ¹

Ratio	Drive Size								Ratio
	60	70	80	90	100	110	120	130	
238.4	1C1, 1C3, & 1C4				3A2, 3A3 & 3A4				238.4
291.9									291.9
357.5									357.5
437.9									437.9
536.3	1C3 & 1C4				3A3 & 3A4				536.3
656.8									656.8
804.5									804.5
985.3									985.3
1207	3A3 & 3A4				3A3 & 3A4				1207
238.4									238.4
291.9									291.9
357.5									357.5
437.9	3A3 & 3A4				3A2, 3A3 & 3A4				437.9
536.3									536.3
656.8									656.8
804.5									804.5
985.3	3A3 & 3A4				3A3 & 3A4				985.3
1207									1207
ALL	5A3 & 5A6								ALL

¹ Individual components for Drive Sizes and Ratios shown in the SCREENED areas may be ordered separately. High interference fit components which must be assembled at the Factory are identified in Tables 1 & 2.