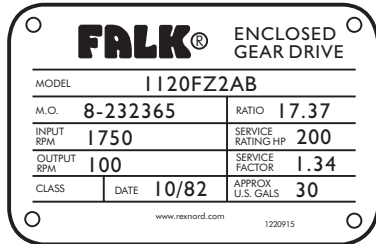


Introduction

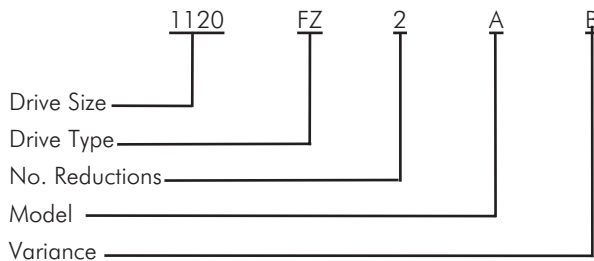
This parts guide is designed to assist in ordering replacements parts for standard gear drives. Consult Factory for special or modified drives.

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

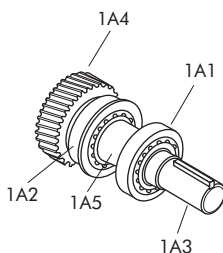
B = Drive equipped With Fan

C = Drive equipped With Backstop & Fan

S = Special — Refer to Factory

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

IA ASSEMBLY



Ref. No.	Part Description
1A1	Bearing
1A2	Bearing
1A3	Shaft
1A4	Pinion
1A5	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.

1. For domestic or indoor storage, Factory provides standard 24 month protection as boxed or optional 24 month protection for individual parts.

2. 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
10	Fan
11	Guard & Baffle
14	Seal
15	Seal
20	Dipstick
21	Seal Cage (Replace with Ref 121)
22	Seal Cage (Replace with Ref 122)
29	Shaft Cover (Replace with Ref 129)
32	Shaft Cover (Replace with Ref 132)(Sizes 1060-1090 & 60-90)
33	Backstop Cage (Replace with Ref 120)(Sizes 1060-1090 & 60-90)
34	Backstop (Replace with Ref 120)(Sizes 1060-1090 & 60-90)
39	Oil Pan
41	Spacer
46	Deflector
100	Shim-Gasket Kit (Incls Ref 87, 89, 91, 94)
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)
129	Shaft Cover Kit (Incls Ref 29, 91)
130	Fastener Kit (Incls Ref 59, 60, 66, 68, 70, 73, 74, 79)
132	Shaft Cover Kit (Incls Ref 32, 91)
1A	Shaft Assembly — Incls Ref 1A1 thru 1A5
1A1	Bearing
1A2	Bearing
1A3	Shaft
1A4	Pinion
1A5	Spacer(Sizes 1060-1070 & 60-70)
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

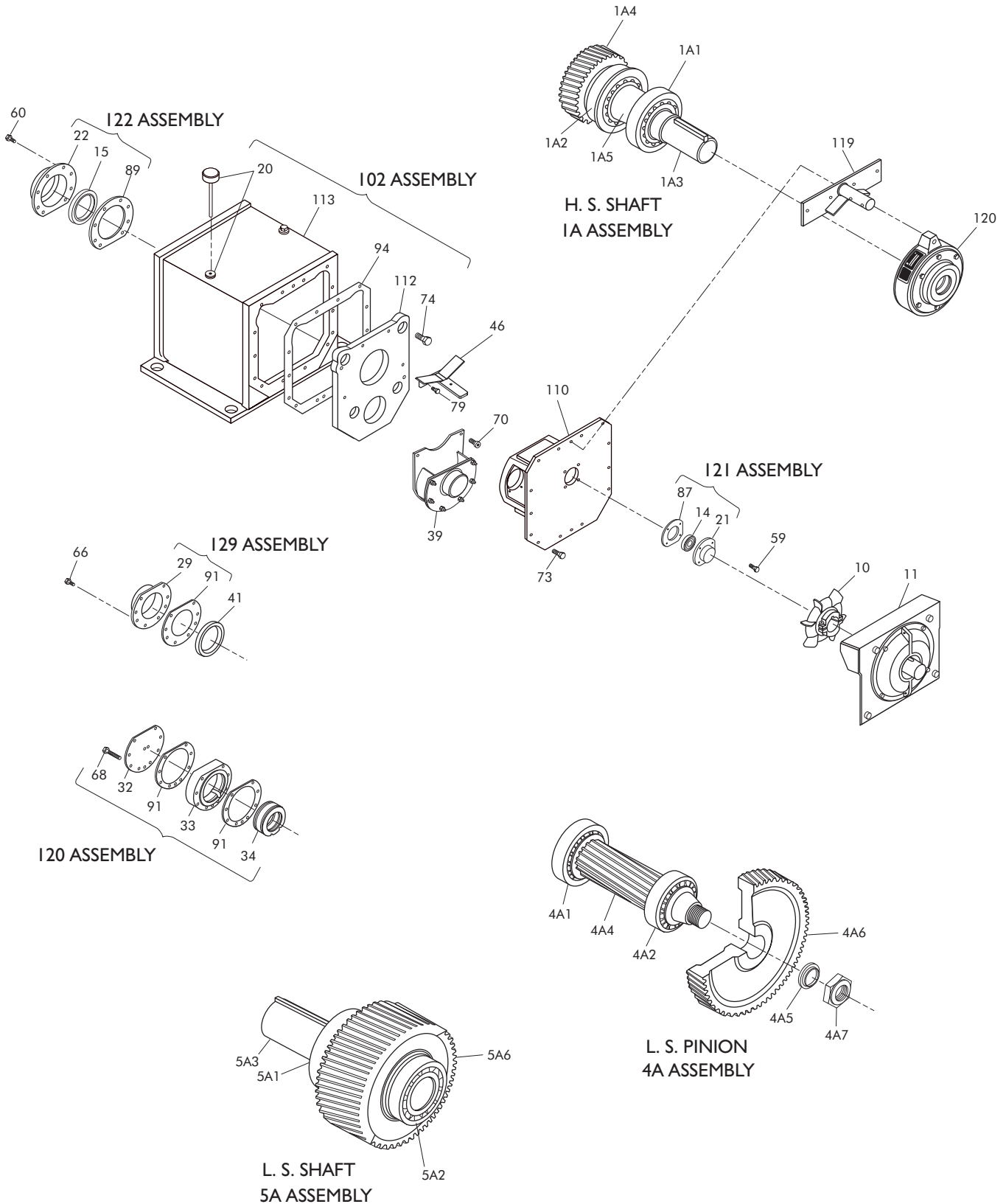


TABLE 1 — 1A Shaft Assembly (Sizes 1060-1130 & 60-130, Model M) ¹

Ratio	Drive Size							Ratio
	1060/60	1070/70	1080/80	1090/90	1100/100	1110/110	1120/120	
1.50 thru 17.09								1.50 thru 17.09
20.93								20.93
25.63								25.63
31.39	1A3 & 1A4							31.39

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 the table above.

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

Ratio	Drive Size							Ratio
	60	70	80	90	100	110	120	
5.06 thru 13.95								5.06 thru 13.95
17.09								17.09
20.93	1A2, 1A3 & 1A4							20.93
25.63	1A3 & 1A4							25.63
31.39	1A3 & 1A4							31.39
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 the table above.