

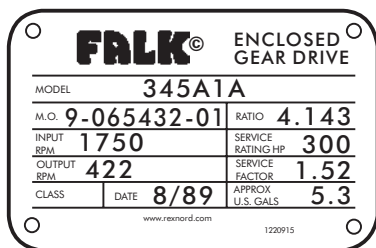
## Introduction

This literature applies to Model A, B, and C standard gear drives with ratings, speeds, ratios, and dimensions as catalogued in current Rexnord selection guides. Refer to Factory for all specials and modifications. For disassembly and assembly instructions refer to Service Manual 138-108.

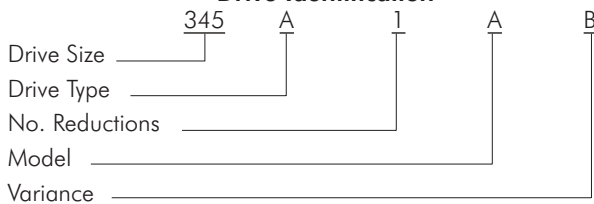
- IDENTIFY DRIVE** — Give complete data shown on drive nameplate. Also, give reference numbers, Falk™ part numbers, and name of parts required. Drawings and reference numbers are representative of all sizes and the actual parts may not agree in exact detail for each drive size. Complete nameplate data and parts reference number will assure receipt of correct parts.

The numerical designation stamped on the nameplate completely identifies all parts used in the drive. All drives with exactly the same nameplate markings have interchangeable rotating elements.

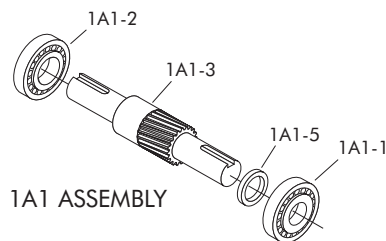
### Sample Nameplate



### Drive Identification



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



Ref. No.	Part Description
1A1-1	Bearing
1A1-2	Bearing
1A1-3	Pinion & Shaft
1A1-5	Spacer

**NOTE:** It is recommended that the shaft seals be replaced whenever it becomes necessary to disturb a seal in the process of disassembling a drive. New Shim-gaskets are recommended to prevent oil leakage and in some cases necessary to adjust internal running clearances. Shim-gaskets are available only in kits; see Ref. No. 100.

**PINION-SHAFT-BEARING ASSEMBLIES** — With today's production procedures, Rexnord can normally furnish a total rotating assembly more economically than if a customer purchases individual parts, disassembles the old parts, and reassembles using some new and some old parts. Falk™ replacement assemblies also reduce down time and always consist of all new parts.

**FASTENERS** — Fasteners are sold in sets for a specific item, i.e. four for an end cover, eight for a low speed seal cage, etc. Fasteners describe cap screws, bolts, studs, nuts, and lock washers as required.

**RATIO CHANGE** — Refer complete information to Factory.

**SHAFT COUPLINGS** — Refer to coupling parts guide and price list.

- HOW TO USE THIS GUIDE** — Use the Part Ref. No. (Step 2) and the drive Model No. (Step 1) to determine the part description and use this information to order the required parts.
- PRICING PARTS** — Refer to SPIP or the Rexnord Account Executive or Distributor.
- ORDER REPLACEMENT** — Place your order with your local Falk Representative or Distributor. If you need assistance call the number below.

## Bearing & Seal Identification

Refer to the exploded views on Page 2 to identify the bearings and oil seals by the parts list Reference Number. Then refer to Tables 2 thru 7, Page 3, to determine the Manufacturer and Manufacturer's part number.

## Corrosion Protection & 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.

Parts Diagram

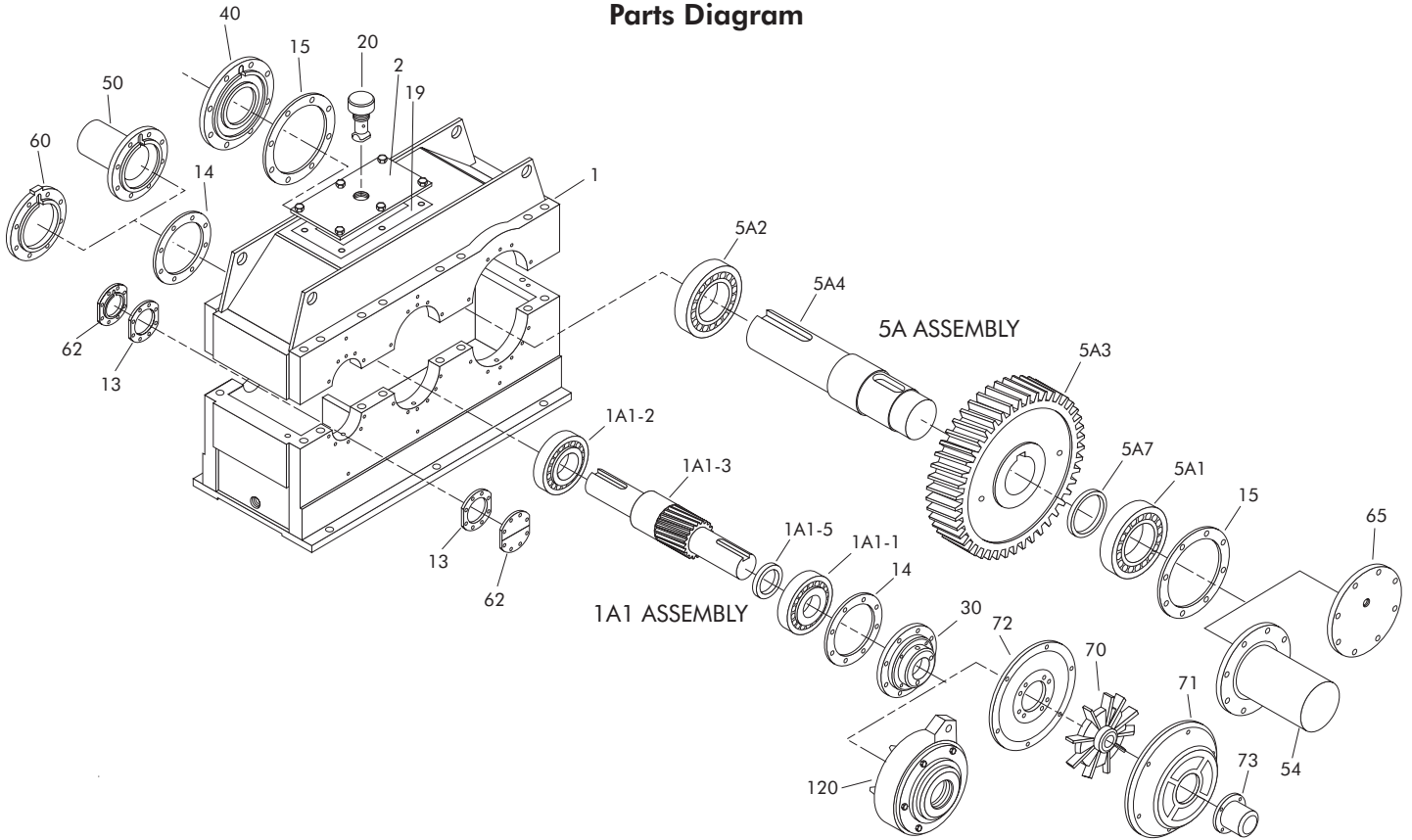
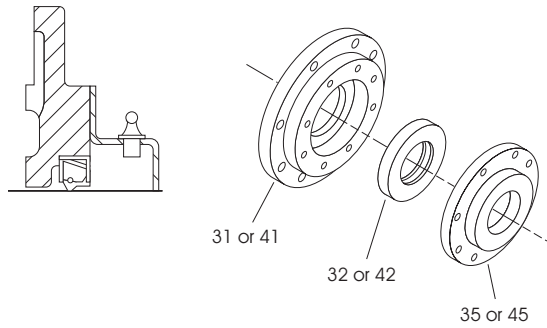
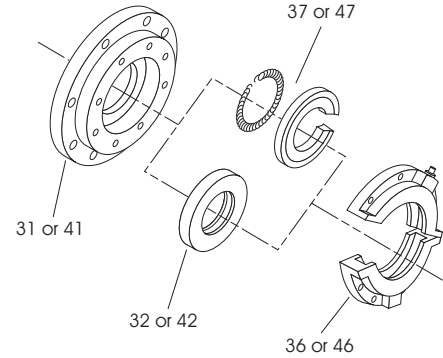


TABLE 1 — Parts List

Ref. No.	Part Description
1	Housing (Consists of Base & Cover & all Hardware)
2	Inspection Cover
13	Shim Gasket
14	Shim Gasket
15	Shim Gasket
19	Shim Gasket
20	Air Vent
30	High Speed Seal Cage Assembly
40	Low Speed Seal Cage Assembly
50	High Speed Shaft Guard
54	Low Speed Shaft Guard
60	High Speed Shaft End Cover
62	Blind Bore Cover
65	Low Speed Shaft End Cover
70	Cooling Fan
71	Guard (2 Halves)
72	Grill (2 Halves)
73	High Speed Shaft Guard
76	Fan Assembly (Includes Ref. Nos. 70, 71 & 72)
100	Shim Gasket Kit (Includes Ref. Nos.: 13, 14, 15 & 19)
120	High Speed Backstop
1A1	<b>HIGH SPEED SHAFT ASSEMBLY — Includes:</b>
1A1-1	Bearing
1A1-2	Bearing
1A1-3	Pinion & Shaft
1A1-5	Spacer
5A	<b>LOW SPEED SHAFT ASSEMBLY — Includes:</b>
5A1	Bearing
5A2	Bearing
5A3	Low Speed Gear
5A4	Shaft
5A7	Spacer

**Figure 1**

**Figure 2**

**TABLE 2 — High Speed Shaft Seal Cage Parts**

Ref. No.	Part Description
31	Seal Cage
32	Oil Seal — Solid
35	Grease Purge Cover
36	Grease Purge Cage — Split
37	Oil Seal — Split

**TABLE 3 — Low Speed Shaft Seal Cage Parts**

Ref. No.	Part Description
41	Seal Cage
42	Oil Seal — Solid
45	Grease Purge Cover
46	Grease Purge Cage — Split
47	Oil Seal — Split

**TABLE 4 — Oil Seals/Falk Part Numbers**

DRIVE SIZE	Reference No. & Description			
	32-Solid	37-Split	42-Solid	47-Split
305A	*	2907850	912934	194110
325A	912780	...	912935	194111
345A	913805	1143362	912936	194113
365A	912934	194110	912838	194115
395A	913935	194111	912818	194116

\* 2907851 for Figure #1; 2912839 for Figure #2.

**TABLE 5 — Bearings/Falk Part Numbers**

DRIVE SIZE	Reference No. & Description	
	1A1-1 & 2	5A1 & 2
305A	921526	921530
325A	921434	921309
345A	921490	921352
365A	921879	921310
395A	921895	921414

**TABLE 6 — Seal Manufacturers' Part Numbers**

Falk No.	Solid Seals		Split Seals	
	Chicago Rawhide	National	Falk No.	Johns Manville
912780	CRW 21163	...	194110	6895 RPD
912805	CRW 23701	...	194111	9373 RPD
912818	CRWH 44967	456888	194113	90 x 352
912838	CRWH 39933	...	194115	10468 RPD
912934	CDWH 27368	457316	194116	90 x 450
912935	CRWH 29951	...	1143362	11248 RPD
912936	CRWH 34888	456414	2907850	13524 RUP
2907851	CRW 19760	...		
2912839	CRHM1-19748	...		

**TABLE 7 — Bearing Manufacturers' Part Numbers**

Falk Part No.	Timken No.
921309	755/752
921310	861/854
921352	6580/6535
921414	938/932
921434	HM807049/HM807010
921490	65500/65237
921526	HM807046/HM807010
921530	H414249/H414210
921879	H715344/H715311
921895	H715346/H715311