

Introduction

This literature applies to Model A, B and C standard gear drives with ratings, speeds, ratios, and dimensions as catalogued in current Falk™ selection guides. Refer to Rexnord for all specials and modifications.

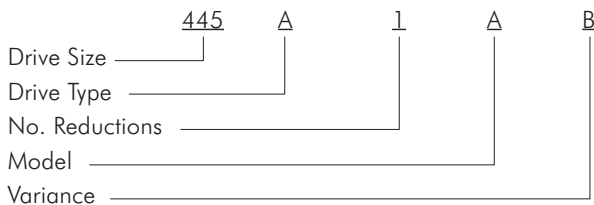
- IDENTIFY DRIVE** — Give complete data shown on drive nameplate. Also, give reference numbers, Falk™ part numbers, and name of parts required. Drawings and reference numbers are representative of all sizes and the actual parts may not agree in exact detail for each drive size. Complete nameplate data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

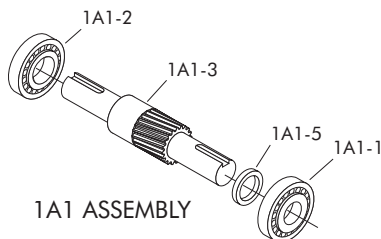
Sample Nameplate



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 Rexnord.

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.

- ORDER REPLACEMENT** — Place your order with your local Rexnord Account Executive 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 5, Pages 2 and 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

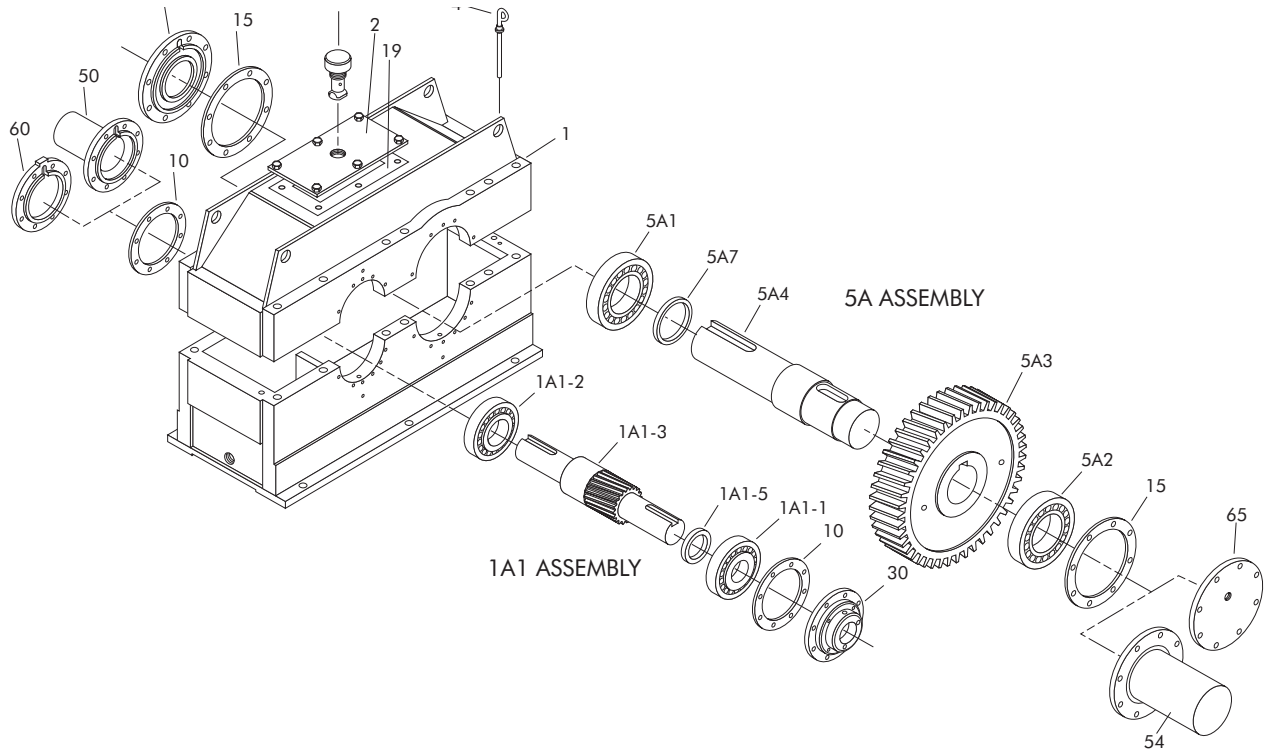


TABLE 1 — Parts List

Ref. No.	Part Description
1	Housing (Consists of Base & Cover & all Hardware)
2	Inspection Cover
4	Dipstick
10	Shim Gasket, High Speed Shaft
15	Shim Gasket, Low Speed Shaft
20	Air Vent
30	High Speed Seal Cage Assembly — See Figures 4 & 5
31	Cage, Seal, High Speed
32	Seal, Exclusion, High Speed
33	Seal, Bush., High Speed
34	Seal, Oil, High Speed
40	Low Speed Seal Cage Assembly — See Figures 4 & 5
41	Cage, Seal, Low Speed
42	Seal, Exclusion, Low Speed
43	Seal, Bush., Low Speed
44	Seal, Oil, Low Speed
54	Guard, Low Speed Shaft
60	Cover, End, High Speed
65	Cover, End, Low Speed
100	Shim Gasket Kit, Includes Ref. Nos.:10,15 & 19
1A1-1	Bearing, High Speed Shaft
1A1-2	Bearing, High Speed Shaft
1A1-3	Pinion & Shaft, High Speed
1A1-5	Spacer
5A1	Bearing, Low Speed Shaft
5A2	Bearing, Low Speed Shaft
5A3	Gear, Low Speed
5A4	Shaft, Low Speed
5A7	Spacer, Bearing/Gear

TABLE 2 — Oil Seals/Falk™ Part Numbers

DRIVE SIZE	Reference No.					
	32	33	34	42	43	44
385	912995	5741071	912996	913014	5741076	913015
405	912997	5741338	912998	913000	5741343	913001
425	913014	5741076	913015	913016	5741599	913017
445	913014	5741076	913015	913004	5741858	913005
465	913002	5742158	913003	913023	...	913024
485	913021	5742424	913022	912827	...	912554
505	913004	5741858	913005	913025	...	912769
525	913026	5742961	913027	912901	...	912626

TABLE 3 — Bearings/Falk™ Part Numbers

DRIVE SIZE	Reference No.			
	1A1-1	1A2-2	5A1	5A1
385	2915575	2915575	921541	921541
405	921443	921443	921674	921674
425	921541	921541	921881	921881
445	921541	921541	921439	921439
465	921646	921646	920570	920570
485	921481	921481	2915524	2915524
505	921901	921901	919284	919284
525	921906	921906	919096	919096

NOTE: Figures 1-3 are not used for this size range or reduction.

Figure 4

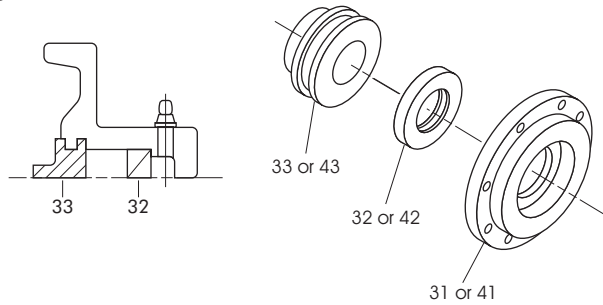


Figure 5

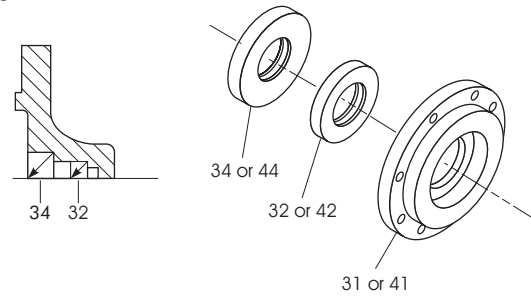


TABLE 4 — Seal Manufacturers' Part Numbers

Falk™ Part No.	Manufacturers' No.
912554	CRWH85015
912626	CRWH107551
912769	CR92536
912827	CRWH85009
912901	HSD1-1075230
912995	CRWH34892(M)
912996	JM/8821LPD-H5/L16(V)
912997	CRWH39932(M)
912998	CRWH39996(M)
913000	CRWH52447(M)
913001	CRWH52489(M)
913002	CRWH54934(M)
913003	CRWH54974(M)
913004	CRWH64998(M)
913005	JM/8950LUP-H5/L16(V)
913014	CRWH44973(M)
913015	JM/11709LUP-H5/L16(V)
913016	CRWH57522(M)
913017	CRWH57523(M)
913021	JM/9514LUP-H5/L16(V)
913022	JM/0600-19591LUP-H5/L16
913023	JM/12094LUP
913024	JM/8951LUP
913025	NATIONAL416257
913026	JM/9595LUP-H5/L16(M)
913027	JM/8941LUP-H5/L16(V)

TABLE 5 — Bearing Manufacturers' Part Numbers

Falk™ Part No.	Manufacturers' Part No.
919096	SKF23156-W33/C3
919284	SKF23148-W33/C3
920570	SKF23138-W33/C3
921352	TIM6580/6535
921439	TIMHM237535/HM237510
921443	TIMHH221449/HH221410
921481	TIMHH234048/HH234010
921541	TIMHH224346/HH224310
921646	TIMHH231649/HH231610
921674	TIM95528/95925
921881	TIM99575/99100
921901	TIMHH437549/HH437510
921906	TIMNP180202/NP513983
2915524	SKF23144-W33/C3
2915575	TIM6580/6536