

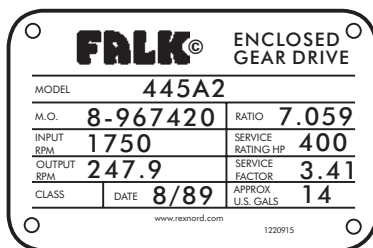
Introduction

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.

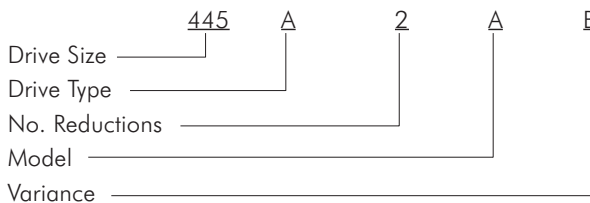
- IDENTIFY DRIVE** — Give complete data shown on drive nameplate. Also, give reference numbers, Falk™ part numbers, and name of parts required. Drawings and reference numbers are representative of all sizes and the actual parts may not agree in exact detail for each drive size. Complete nameplate data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

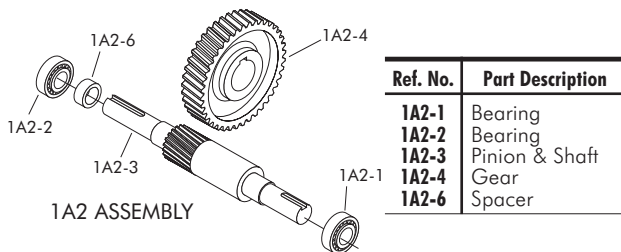
Sample Nameplate



Drive Identification



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



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 3 and 4, 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

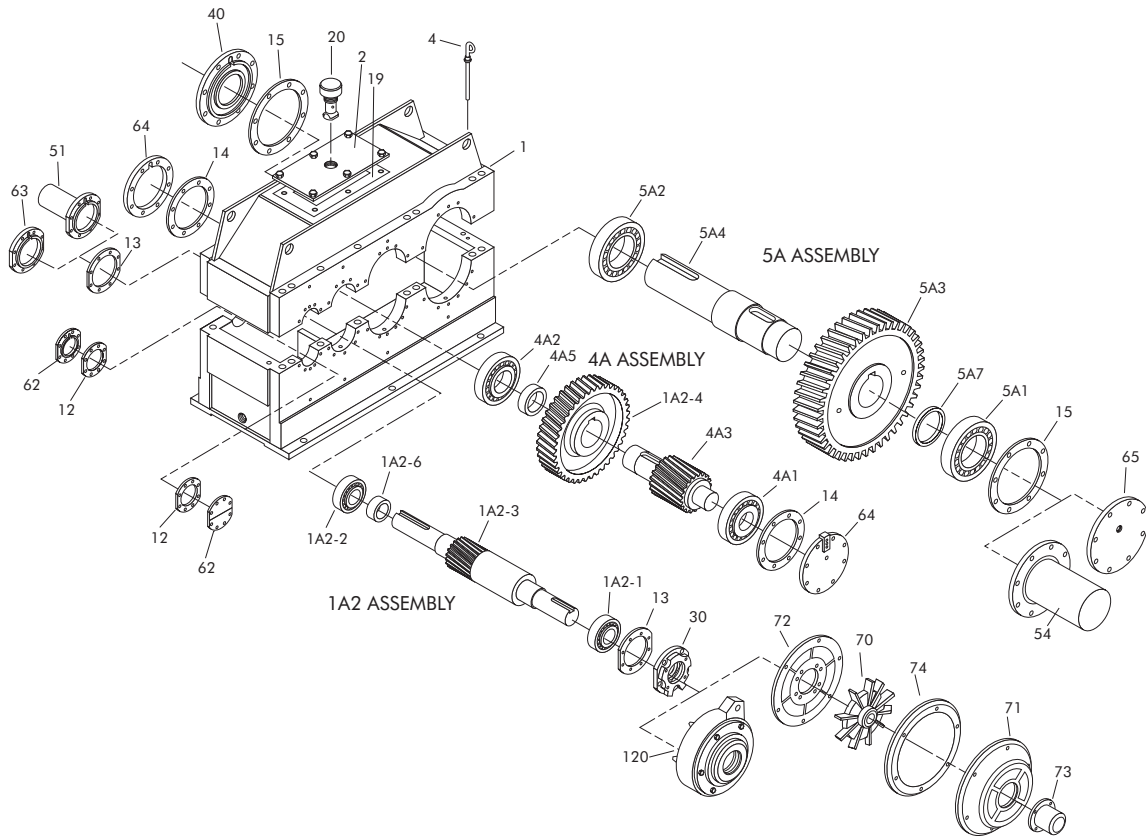


TABLE 1 — Parts List

Ref. No.	Part Description
1	Housing (Consisting of Base & Cover & all Hardware)
2	Inspection Cover
4	Dipstick
10	Shim Gasket, High Speed Shaft
12	Shim Gasket, Blind Bore
14	Shim Gasket, Low Speed Pinion Shaft
15	Shim Gasket, Low Speed Shaft
19	Shim-Gasket, Inspection Cover
20	Air Vent
23	Spacer, Bearing, Low Speed Pinion
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
51	Guard, High Speed Shaft
54	Guard, Low Speed Shaft
62	Cover, End, Blind Bore
63	Cover, End, High Speed
64	Cover, End, High Speed
65	Cover, End, Low Speed

Ref. No.	Part Description
70	Fan
71	Fan Guard
72	Grill/Backplate
73	Guard, High Speed Shaft
74	Deflector Ring
100	Shim Gasket Kit, Includes Ref. Nos.:10, 12, 13, 14, 15 & 19
120	Backstop
1A2-1	Bearing, High Speed Shaft
1A2-2	Bearing, High Speed Shaft
1A2-3	Pinion & Shaft, High Speed
1A2-4	Gear, High Speed
1A2-6	Spacer
4A1	Bearing, Low Speed Pinion Shaft
4A2	Bearing, Low Speed Pinion Shaft
4A3	Pinion & Shaft, Low Speed
4A5	Spacer, Low Speed Pinion Bearing
5A1	Bearing, Low Speed Shaft
5A2	Bearing, Low Speed Shaft
5A3	Gear, Low Speed
5A4	Shaft, Low Speed
5A7	Spacer, Bearing/Gear

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

Figure 4

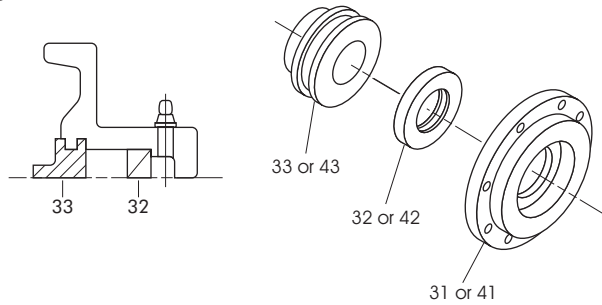


Figure 5

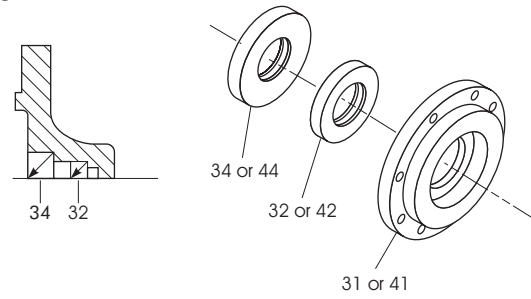


TABLE 2 — Oil Seals/Falk™ Part Numbers

DRIVE SIZE	Reference No.					
	32	33/38	34	42	43	44
385	912991	5741072	912992	913014	5741076	913015
405	912993	5741339	912994	913000	5741343	913001
425	913012	5741596	913013	913016	5741599	913017
445	912995	5741071	912996	913004	5741858	913005
465	912997	5741338	912998	913023		913024
485	913014	5741076	913015	912827		912554
505	912999	5742681	912310	913025		912769
525	913002	5742158	913003	912901		912626
545	913021		913022	912550		913034
565	913004		913005	2909092		2909091
585	913004		913005	2911930		912808

TABLE 3 — Bearings/Falk™ Part Numbers

DRIVE SIZE	Reference No.					
	1A2-1	1A2-2	4A1	4A2	5A1	5A1
385	★	★	921893	921893	921414	921414
405	921855	921855	921899	921899	921674	921674
425	921895	921895	921552	921552	921881	921881
445	921678	921678	921443	921443	921439	921439
465	921443	921443	921541	921541	920570	920570
485	921541	921541	921470	921470	2915524	2915524
505	921470	921470	921481	921481	919284	919284
525	921646	921646	921901	921901	919096	919096
545	921481	921481	919680	919680	920704	920704
565	921901	921901	919118	919118	919945	919945
585	921887	921887	919319	919319	919119	919119

★ Use 921855 for ratios 5.861-15.52;
Use 921809 for ratios 16.74-19.71.

TABLE 4 — Seal Manufacturers' Part Numbers

Falk™ Part No.	Manufacturers' No.
912310	CRWH49991(V)
912554	CRWH85015
912769	CR92536
912827	CRWH85009
912991	CRW22363(V)
912992	CRWH22449(V)
912993	CRWH24914(V)
912994	CRWH24984(V)
912995	CRWH34892(V)
912996	JM/8821LPD-H5/L16(V)
912997	CRWH39932(V)
912998	CRWH39996(V)
912999	JM/9629LUP-H5/L16(V)
913000	CRWH52447(V)
913001	CRWH52489(V)
913004	CRWH64998(V)
913005	JM/8950LUP-H5/L16(V)
913012	JM/5961LUP-H5/L16(V)
913013	CRWH29958(V)
913014	CRWH44973(V)
913015	JM/11709LUP-H5/L16(V)
913016	CRWH57552(V)
913017	CRWH57523(V)
913023	JM/12094LUP
913024	JM/8951LUP
913025	NATIONAL416257

TABLE 5 — Bearing Manufacturers' Part Numbers

Falk™ Part No.	Manufacturers' Part No.
919096	SKF23156-W33/C3
919118	SKF22344-W33/C3
919119	SKF23168-W33/C3
919284	SKF23148-W33/C3
919319	SKF22352-W33/C3
919680	SKF22340-W33/C3
919945	SKF23164-W33/C3
920570	SKF23138-W33/C3
920704	SKF23160-W33/C3
921414	TIM938/932
921439	TIMHM237535/HM237510
921443	TIMHH221449/HH221410
921470	TIMHH228349/HH228310
921481	TIMHH234048/HH234010
921541	TIMHH224346/HH224310
921552	TIMHH421246C/HH421210
921646	TIMHH231649/HH231610
921674	TIM95528/95925
921678	TIM850/832
921809	TIM5583/5535
921855	TIM5584/5535
921881	TIM99575/99100
921893	TIM6386/6320
921895	TIMH715346/H715311
921899	TIM843/832
921901	TIMHH437549/HH437510
2915524	SKF23144-W33/C3