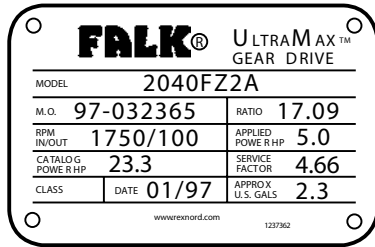


Introduction

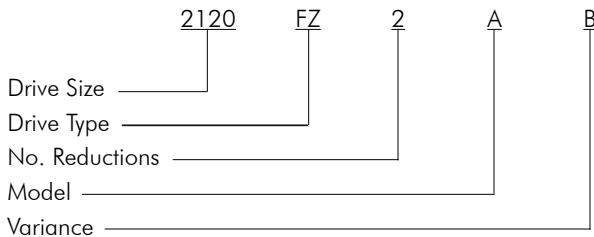
This parts guide is designed to assist in ordering replacements parts for standard double reduction gear drives. Consult Factory for special or modified drives.

- 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

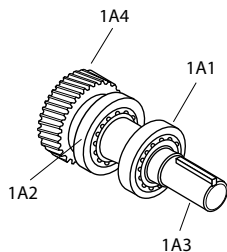
B = Drive equipped With Fan

C = Drive equipped With Backstop & Fan

S = Special — Refer to Falk

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

1A ASSEMBLY



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

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
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 2060-2090)
33	Backstop Cage (Replace with Ref 120)(Sizes 2060-2090)
34	Backstop (Replace with Ref 120)(Sizes 2060-2090)
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 2100-2130)
120	Backstop Assembly (Incls Ref 32, 33, 34, 68, 91)(Sizes 2100-2130)
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 1A4
1A1	Bearing
1A2	Bearing
1A3	Shaft
1A4	Pinion
4A	Shaft Assembly — Incls Ref 4A1 thru 4A7
4A1	Bearing
4A2	Bearing
4A4	Pinion & Shaft (Incls Ref 4A7)
4A5	Spacer(Sizes 2100-2130)
4A6	Gear
4A7	Locknut
5A	Shaft Assembly — Incls Ref 5A1 thru 5A6
5A1	Bearing
5A2	Bearing
5A3	Shaft
5A6	Gear

Parts Diagram

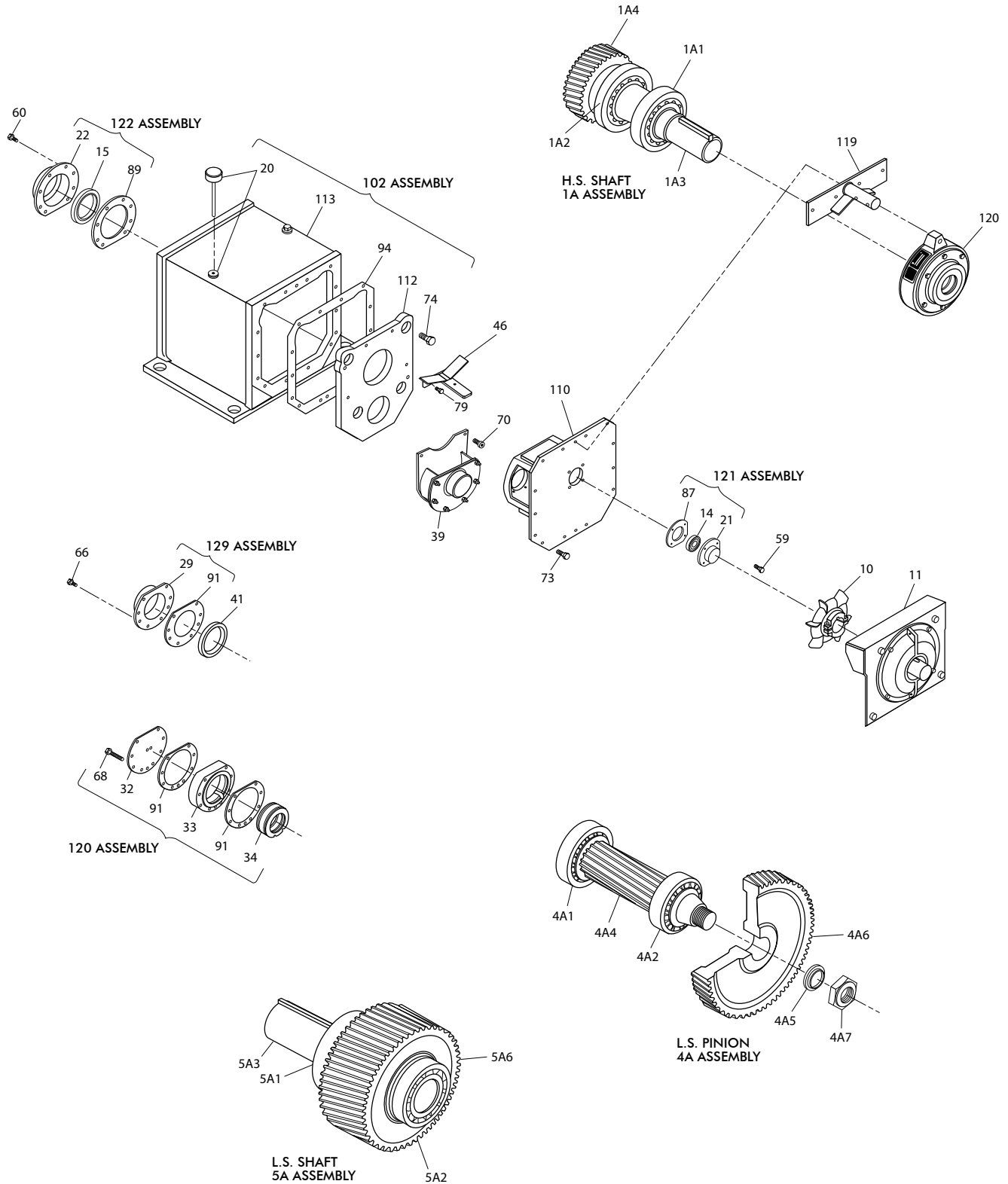


TABLE 1 — 1A Shaft Assembly ★ †

Ratio	Drive Size							Ratio	
	2060	2070	2080	2090	2100	2110	2120		2130
1.50									1.50
1.71									1.71
1.83									1.83
2.03									2.03
2.30									2.30
2.54									2.54
2.83									2.83
3.13									3.13
3.40									3.40
3.76									3.76
4.13									4.13
4.57									4.57
5.00									5.00
6.26									6.26
7.71									7.71
9.27									9.27
11.26									11.26
13.72	1A2, 1A3	1A2, 1A3, 1A4							13.72
17.19	1A4	1A3, 1A4							17.19
21.13		1A3, 1A4							21.13
25.62		SOS							25.62
31.69									31.69

★ 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.

† 2060F-2090F Low Ratio Drives (1.548-4.567) LS Pinion/Shaft must be FACTORY assembled.

TABLE 2 — Bearing/Falk Part Number

DRIVE SIZE	Reference Number					
	1A1	1A2	4A1	4A2	5A1	5A2
2060 ³	921374	921375 ¹ 2916709 ²	2916437	921300	921530	921677 ²¹ 2929598 ²²
2070 ⁴	921846	921749	921795	921796	921751	921671 ²¹ 2929282 ²²
2080 ⁷	921810	921811	2916560 ⁵ 921809 ⁶	2916560 ⁵ 921809 ⁶	921678	921671 ²¹ 2929282 ²²
2090 ⁸	921810	921730	921810	921846	921741	921681 ²¹ 921352 ²²
2100	921449	9216619 921662 ¹⁰	921489	921764 ²¹ 921489 ²²	921414	921668 ²¹ 921443 ²³
2110 ¹⁴	921408	921667 ¹¹ 921663 ¹² 921833 ¹³	921542	921667 ²¹ 921542 ²²	921674	921524 ²¹ 921414 ²²
2120 ¹⁷	921542	921667 ¹⁵ 921668 ¹⁶	921542	921667 ²¹ 921542 ²²	921881	921832 ²¹ 921748 ²²
2130 ²⁰	921412	921577 ¹⁸ 921576 ¹⁹	2917790	2917789 ²¹ 2917790 ²²	921331	921462 ²¹ 921422 ²²

1 Ratios 1.548-1126 & 21.13-31.69.

2 Ratios 13.72 & 17.19.

3 Trapped ‡ HS Inner Bearing for Ratios 1.548-17.19.

4 Trapped ‡ HS Inner Bearing for Ratios 1.490-13.50.

5 Ratios 5.161-31.15.

6 Ratios 1.561-4.430.

7 Trapped ‡ HS Inner Bearing for Ratios 1.561-13.67.

8 Trapped ‡ HS Inner Bearing for Ratios 1.504-16.78.

9 Ratios 5.071-21.58 (Trapped ‡).

10 Ratios 25.55-31.21

11 Ratios 4.960-9.463.

12 Ratios 11.46-20.76.

13 Ratios 25.39-31.12.

14 Trapped ‡ HS Inner Bearing for ratios 4.960-17.01.

15 Ratios 5.201-21.12.

16 Ratios 25.91-31.89.

17 Trapped ‡ HS Inner Bearing for Ratios 5.201-21.12.

18 Ratios 5.069-25.36.

19 Ratio 30.89.

20 Trapped ‡ HS Inner Bearing for Ratios 5.069-21.25.

21 Model A or Model B.

22 Model B only.

23 Model B - All F2 & F3 only - F4 must use 921668.

‡ A bearing that is confined within an assembly either dimensionally or by high interference component. This bearing cannot be replaced on an individual basis; it must be replaced as part of an assembly.

TABLE 3 — Bearing Manufacturer's Part Number

Falk Part Number	Manufacturer's Part Number
921300	TIM 528A/522
921331	TIM HM237545/HM237510
921352	TIM 6580/65350
921374	TIM 539/532A
921375	TIM 539/532B
921408	TIM 855/854
921414	TIM 938/932
921422	TIM 99550/99100
921443	TIM HH221449/HH221410
921449	TIM 842/832
921462	TIM 99550/99100B
921489	TIM 6576C/6535
921524	TIM 938/932B
921530	TIM H414249/H414210
921542	TIM HH221434/HH221410
921661	TIM 835/832B
921662	TIM 842/832B
921663	TIM 855/854B
921667	TIM HH221434/HH2211410B
921668	TIM HH221449/HH221410B
921671	TIM H715345/H715310B
921674	TIM 95528/95925
921677	TIM 641/632B
921678	TIM 850/832
921681	TIM 6580/6535B
921730	TIM 755/752B
921741	TIM HH221449A/HH221410
921748	TIM 95525/95925
921749	TIM H414242/H414210B
921751	TIM JH217249/JH217210
921764	TIM 6576/6535B
921795	TIM JH307749/JH307710
921796	TIM 59200/59412
921809	TIM 5583/5535
921810	TIM 745A/742
921811	TIM 745A/742B
921832	TIM 95525/95925B
921833	TIM 866/854B
921846	TIM H414242/H414210
921881	TIM 99575/99100
2916437	TIM 527/522
2916560 *	TIM NP747110/NP520308
2916709	TIM 543/532B
2917789 *	TIM NP076564/NP669820
2917790 *	TIM NP076564/NP315658
2929282	TIM H715345/H715310
2929598	TIM 641/632

* Prefix "NP" must be Timken P900 roller bearing.

TABLE 4 — Oil Seals/Falk Part Number

DRIVE SIZE	Reference Number	Falk Part Number Standard Nitrile Seal	Falk Part Number Optional Viton® Seal
2060	14	2916440	2916439
	15	912757	913031
2070	14	912913	2914622
	15	2917422	2916716
2080	14	2916297	2916413
	15	2916559	2900967
2090	14	2916297	2916413
	15	912850	2918301
2100	14	2911840	2916793
	15	2916787	2918302
2110	14	2916559	2900967
	15	2917233	2917234
2120	14	2916559	2900967
	15	2916994	2918303
2130	14	912536	2902930
	15	912765	2902643

TABLE 5 — Seal Manufacturer's Part Number

Falk Number	Manufacturer's Number	Shaft Dia	Outside Dia	Width
912536	CR37389	3.750	4.756	.375
912757	NATL417316	2.750	3.756	.375
912765	CR64993	6.500	7.500	.500
912850	CR40077	4.000	5.631	.375
912913	CR24898	2.500	3.256	.375
913031	CRWH127365(V)	2.750	3.750	.438
2900967	CR34883	3.500	4.506	.375
2902643	CR64998	6.500	7.500	.500
2902930	CRWHI-37405	3.750	4.751	.438
2911840	CRWAI-29907	3.000	4.003	.375
2914622	CRWAI-24899	2.500	3.256	.375
2916297	CRWAI-26238	2.625	3.628	.375
2916413	CR26204	2.625	3.628	.375
2916439	CRWI-19839	2.000	2.750	.313
2916440	CRWAI-19832	2.000	2.750	.313
2916559	CRWAI-34887	3.500	4.505	.375
2916716	CRWAI-32392	3.250	4.254	.375
2916787	CRWAI-44960	4.500	5.506	.375
2916793	CRWAI-29912	3.000	4.008	.375
2916994	CRWAI-57531	5.750	7.006	.500
2917233	CR51252-DLDC	5.125	6.256	.500
2917234	CR51253-DLSC	5.125	6.256	.500
2917422	CRWAI-32395	3.250	4.254	.375
2918301	JM04-00-60003H5-L16	4.000	5.631	.375
2918302	CR44973	4.500	5.506	.500
2918303	CR57523	5.750	7.006	.562