

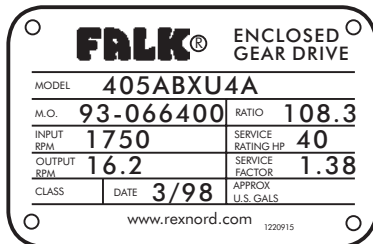
Introduction

This literature applies to standard gear drives with ratings, speeds, ratios, and dimensions as catalogued in current Rexnord selection guides. The low speed shaft may be configured up (U) or down (D). Refer to Rexnord for all specials and modifications.

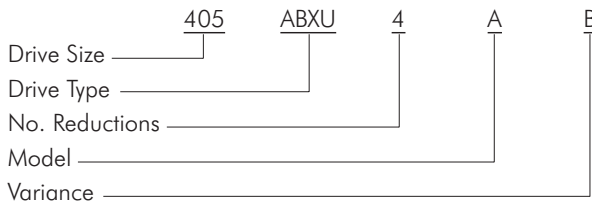
- IDENTIFY DRIVE** — Give complete data shown on drive nameplate. Also, give reference numbers, Falk™ part numbers, and name of parts required. Drawings and reference numbers are representative of all sizes and the actual parts may not agree in exact detail for each drive size. Complete nameplate data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

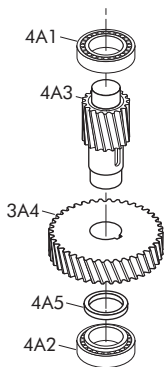
Sample Nameplate



Drive Identification



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



4A ASSEMBLY

Ref. No.	Part Description
3A4	Gear
4A1	Bearing
4A2	Bearing
4A3	Pinion & Shaft
4A5	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.

BEVEL GEARING — Bevel gearing is manufactured in matched and marked sets to ensure proper tooth contact. Unless bevel pinions and gears are installed as matched sets, in accordance with the instructions in Rexnord service manuals, Rexnord cannot be responsible for the rating, life, noise, or performance of the parts or the products receiving them.

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.
- ORDER REPLACEMENT** — Place your order with your local Rexnord Account Executive. 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, Rexnord provides standard 24 month protection as boxed or optional 24 month protection for individual parts.
- For export or outdoor storage, Rexnord provides optional 18 month protection.

CAUTION: This protection does not cover exposure to elements such as standing water, etc.

TABLE 1 — Parts List

Ref. No.	Part Description	Drive Type
1	Housing - Cover & Base	ABX, ABXQ
10	Shim - Gasket	ABX, ABXQ
11	Shim - Gasket	ABX, ABXQ
12	Shim - Gasket	ABX, ABXQ
13	Shim - Gasket	ABX, ABXQ
14	Shim - Gasket	ABX, ABXQ
15	Shim - Gasket	ABX, ABXQ
20	Dipstick	ABX, ABXQ
22	Spacer	ABX, ABXQ
23	Spacer	ABX, ABXQ
24	Spacer	ABX, ABXQ
30	Seal Cage Assy. (Inc. Ref. Nos. 31 thru 33)	ABX, ABXQ
31	Seal Cage	ABX, ABXQ
32	Seal	ABX, ABXQ
33	Bush Seal	ABX, ABXQ
34	Seal	ABX, ABXQ
41	Bearing/Seal Cage	ABX, ABXQ
42	Seal	ABX, ABXQ
44	Seal	ABX, ABXQ
45	Bearing/Seal Cage	ABX
46	Seal Cage	ABXQ
47	Seal	ABXQ
49	Seal	ABXQ
51	Oil Dam	ABX, ABXQ
52	Seal	ABX, ABXQ
60	Shaft Cover	ABXQ
62	Shaft Cover (Sizes 405 thru 465)	ABX, ABXQ
63	Shaft Cover	ABX, ABXQ
64	Shaft Cover	ABX, ABXQ
65	Bearing Cage/Cover	ABX
100	Shim - Gasket Kit (Inc. Ref. Nos. 10 - 15)	ABX, ABXQ
HIGH SPEED SHAFT ASSEMBLY WITH INTEGRAL PINION		
1AB4	Shaft Assembly (Inc. Ref. Nos. 1AB3-50 thru 1AB3-63 & Ref. No. 30)	ABX, ABXQ
1AB4-50	Bearing	ABX, ABXQ
1AB4-51	Bearing	ABX, ABXQ
1AB4-52	Bevel Gear (Matched set with 1AB3-53)	ABX, ABXQ
1AB4-53	Bevel Pinion & Shaft (Matched set with 1AB3-52)	ABX, ABXQ
1AB4-59	Locknut & Washer	ABX, ABXQ
1AB4-61	Bearing Cage	ABX, ABXQ
1AB4-63	Threaded Ring	ABX, ABXQ
HIGH SPEED SHAFT ASSEMBLY WITH BORED PINION		
1AB4	Shaft Assembly (Inc. Ref. Nos. 1AB3-50 thru 1AB3-63 & Ref. No. 30)	ABX, ABXQ
1AB4-50	Bearing	ABX, ABXQ
1AB4-51	Bearing	ABX, ABXQ
1AB4-52	Bevel Gear (Matched set with 1AB3-53)	ABX, ABXQ
1AB4-53	Bevel Pinion (Matched set with 1AB3-52)	ABX, ABXQ
1AB4-54	Shaft	ABX, ABXQ
1AB4-55	Locknut & Washer	ABX, ABXQ
1AB4-61	Bearing Cage	ABX, ABXQ
1AB4-63	Threaded Ring	ABX, ABXQ
EXTERNAL LUBRICATION PUMP		
1P	Pump Assembly	ABX, ABXQ
1P1	Pump	ABX, ABXQ
1P2	Coupling	ABX, ABXQ
1P3	Motor	ABX, ABXQ
1ST INTERMEDIATE SHAFT ASSEMBLY		
2A	Shaft Assy. (Inc. Ref. No. 2A1 thru 2A7)	ABX, ABXQ
2A1	Bearing	ABX, ABXQ
2A2	Bearing	ABX, ABXQ
2A3	Pinion & Shaft	ABX, ABXQ
2A4	Gear (Included with Ref. No. 3A)	ABX, ABXQ
2A6	Spacer (Size 445)	ABX, ABXQ
2A7	Spacer	ABX, ABXQ

TABLE 1 — Parts List (Cont'd)

Ref. No.	Part Description	Drive Type
INTERMEDIATE SHAFT ASSEMBLY		
3A	Shaft Assembly (Inc. Ref. Nos. 3A1 thru 3A8 & 1AB3-52)	ABX, ABXQ
3A1	Bearing	ABX, ABXQ
3A2	Bearing	ABX, ABXQ
3A3	Pinion & Shaft	ABX, ABXQ
3A4	Gear (Included with Ref. No. 4A)	ABX, ABXQ
3A6	Spacer	ABX, ABXQ
3A8	Spacer (Sizes 405, 465 & 485)	ABX, ABXQ
LOW SPEED PINION ASSEMBLY		
4A	Shaft Assembly (Inc. Ref. Nos. 4A1 thru 4A5 & 3A-4)	ABX, ABXQ
4A1	Bearing	ABX, ABXQ
4A2	Bearing	ABX, ABXQ
4A3	Pinion & Shaft	ABX, ABXQ
4A5	Spacer	ABX, ABXQ
LOW SPEED SHAFT ASSEMBLY		
5A	Shaft Assy. (Inc. Ref. No. 5A1 thru 5A7)	ABX, ABXQ
5A1	Bearing	ABX, ABXQ
5A2	Bearing	ABX, ABXQ
5A3	Gear	ABX, ABXQ
5A4	Shaft	ABX, ABXQ
5A6	Spacer (Size 405 only)	ABXQ
5A7	Spacer	ABX, ABXQ

TABLE 2 — Oil Seals/Falk™ Part Numbers

DRIVE SIZE	Reference No. & Type									
	32	33	34	42		44		47	49	52
	ABX & ABXQ	ABX & ABXQ	ABX & ABXQ	ABX	ABXQ	ABX	ABXQ	ABXQ	ABXQ	ABX & ABXQ
405	913010	...	913011	913000	912816	913001	912767	912816	912833	2912858
425	913018	...	912946	913016	912767	913017	912827	2913531	912767	2913534
445	913018	...	912946	913004	912578	913005	912580	912672	912578	2912448
465	912993	...	912994	913023	912580	913024	912550	912580	912940	2912803
485	912993	...	912994	2913169	912550	2913170	912808	912550	2913168	2913172
505	913030	5743622	...	913025	912809	912769	912905	912809	2913977	2917215
535	913030	5743622	...	2918393	2900932	2903222	912842	2900932	2913542	2914611
555	913028	5743648	...	912550	912903	913034	2918744	912902	912903	2918891

TABLE 3 — Bearings/Falk™ Part Numbers

DRIVE SIZE	Reference No. & Type											
	1AB3-50	1AB3-51	2A1	2A2	3A1	3A2	4A1	4A2	5A1	5A2	5A1	5A2
	ABX & ABXQ	ABX & ABXQ	ABX & ABXQ	ABX & ABXQ	ABX & ABXQ	ABX & ABXQ	ABX & ABXQ	ABX & ABXQ	ABX	ABX	ABXQ	ABXQ
405	920671	921816	921629 ¹	921629	921809	921809	921899	921899	921674	921674	921331	921331
425	920615	921820	921878	921878	921895 ²	921895 ²	921552	921552	921881	921881	921759	921759
445	920615	921820	921301 ³	921301	921678	921899 ⁴	921443	921443	921439	921439	2912892	2912892
465	919242	921815	921855 ⁵	921855	921443	921551 ⁶	921541	921541	2912611	2912611	2912802	2912802
485	919242	921817	921895 ⁷	921895	921541	921459	921470	921470	921788	921788	2913166	2913166
505	920698	2920380	921678 ⁸	921678	921541	921541 ⁹	921481	921481	921791	921791	2917124	2917124
535	920698	2920380	921552	921552	921470	921470	921901	921901	2918718	921794	2918385	2918385
555	920713	921818	921541 ¹⁰	921541	921481	921481	2918894	2918894	2918739	2918739	2918740	2918741

¹ Use 921888 for ratios 321.0 thru 349.4.

² Use 921494 for ratio 281.3.

³ Use 921319 for ratios 297.7 thru 345.0.

⁴ Use 921678 for ratios 90.94 thru 107.4.

⁵ Use 921856 for ratios 303.2 thru 355.2.

⁶ Use 921443 for ratios 90.70, 104.7, 137.8 & 159.0.

⁷ Use 921734 for ratios 288.2 thru 341.4.

⁸ Use 921899 for ratios 282.1 & 307.2.

⁹ Use 921459 for ratios 78.19, 94.15, 117.7, 136.6, 170.7, 207.5, 259.4 & 307.2.

¹⁰ Use 921486 for ratios 329.1 & 358.2

TABLE 4 — Seal Manufacturer's Part Numbers

Falk™ Part No.	Manufacturer's No.
912550	CRWHI-115021
912578	JM/16554-LUP
912580	JM/1000-9830-LPD
912672	CR90006
912767	CRWH77540
912769	CR92536
912808	CR1300570
912809	CR122580
912816	CR70016
912827	CRWH85009
912833	CR70052
912842	JM101516LUPHL15 ▲
912902	CR1500240
912903	CR1500380
912905	CR1375240
912940	JM/17846LDS
912946	CRW17558(V)
912993	CRWH24914(V)
912994	CRWH24984(V)
913000	CRWH52447(V)
913001	CRWH52489(V)
913004	CRWH64998(V)
913005	JM/8950LUP-H5/L16(V)
913010	CRW14861(V)
913011	CRW14940(V)
913016	CRWH57552(V)
913017	CRWH57523(V)
913018	CRW17379(V)
913023	JM/12094LUP
913024	JM/8951LUP
913025	NAT416257
913028	CRWH37405(V)
913030	JM14042LPDH5/L16(V)
913034	NAT416257
2900932	CR1350250HSD1
2903222	CR105051
2912448	CR402750
2912803	CR403250
2912858	CR402202
2913168	CRWHI115041
2913169	CRWHI80010
2913170	CRWHI80037
2913172	CR403500
2913531	CR77530
2913534	CR402500
2913542	CR1350542HDS-Z
2913977	CR1225525HDS2
2914611	CR404500V450A
2917215	CR403750
2918393	CR1050240-HDSI
2918744	CR1625243-HS52
2918891	CR405000

▲ Manufacturer is J.M. Clipper.

TABLE 5 — Bearing Manufacturer's Part Numbers

Falk™ Part No.	Manufacturer's No.
919242	SKF22313CC/C3W33
920615	LB/MU-5309-TV
920671	LB/MU-5208-TV
920698	SKF22314C/C3W33
920713	LB/MU-5220-TV
921301	TIM623/612
921319	TIM619/612
921331	TIMHM237510/HM237545
921439	TIMHM237535/HM237510
921443	TIMHH221449/HH221410
921459	TIMHH224335/HH224310
921470	TIMHH228349/HH228310
921481	TIMHH234048/HH234010
921486	TIMHH224332/HH224310
921494	TIMH715336/H715311
921541	TIMHH224346/HH224310
921551	TIMHH221430/HH221410
921552	TIMHH421246C/HH421210
921629	TIM3780/3720
921674	TIM95528/95925
921678	TIM850/832
921734	TIMH715341/H715311
921759	TIMJHM840449/JHM840410
921788	TIMH242649/H242610
921791	TIMH247549/H247510
921794	TIMH852849/H852810
921809	TIM5583/5535
921815 ▼	TIM9285-90022(TDO)
921816 ▼	TIM55220/55433D(TDO)
921817 ▼	TIM9380-900015(TDO)
921818 ▼	TIMHH924349/HH924310D(TDO)
921820 ▼	TIM72225C-907A1(TDO)
921855	TIM5584/5535
921856	TIM5578/5535
921878	TIM529X/522
921881	TIM99575/99100
921888	TIM3782/3720
921895	TIMH715346/H715311
921899	TIM843/832
921901	TIMHH437549/HH437510
2912611	TIMH239649/H239610
2912802	TIMEE275100/EE275155
2912892	TIMEE130902/EE131400
2913166	TIMEE722115/EE722185
2917124	TIMH859049/H859010
2918385	TIMNPR08-9386
2918718	TIMEE295110/EE295133
2918739	TIMHH258248/HH258210
2918740	TIMM268730/M268710
2918741	TIMNPR08-9500
2918894	TIMH247535/H247510
2920380 ▼	TIMHM921343/HM921310D(TDO)

▼ Double row (TDO) tapered roller bearings must be purchased per the manufacturer's assembly part number, or Falk™ part number, to obtain correct bearing end play.