

Introduction

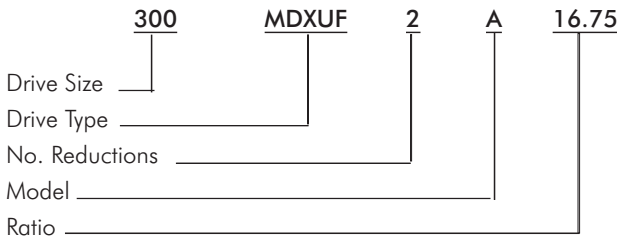
This parts guide is designed to assist in ordering replacement parts for standard Types MDXD, MDXQ MDXT and MDXU double reduction (ratios 5.06 thru 31.39) RAM mixer drives. Consult Factory for special or modified drives.

- IDENTIFY DRIVE** — Record Drive, Model, Ratio and M.O. Number from nameplate.

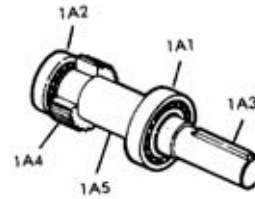
Sample Nameplate

FALK®		RAM GEAR DRIVE	
MODEL 1200LHXVD2A			
M.O.	93-066100	RATIO	11.72
INPUT RPM	1750	MOTOR HP	350
OUTPUT RPM	149.3	SERVICE FACTOR	1.60
DATE	10/93	APPROX U.S. GALS	15
<small>www.rexnord.com</small>		<small>1229140</small>	

Gear Drive Identification



- IDENTIFY INDIVIDUAL PARTS** — Use exploded view on Pages 2 & 3 to determine Ref. No. of required parts.



Ref. No	Part Description
1A1	Bearing
1A2	Bearing
1A3	Shaft
1A4	Pinion
1A5	Spacer

NOTE: Shaft hardware is included with shafts. Replace seals, shims, and gaskets whenever reassembling a drive.

- 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.
- DOES THIS RESTRICTION APPLY?** — See Factory Assembled Components on Page 5.
- ORDER REPLACEMENT** — Place your order with your local Falk Representative or Distributor. If you need assistance call the number below.

Bearing & Seal Identification

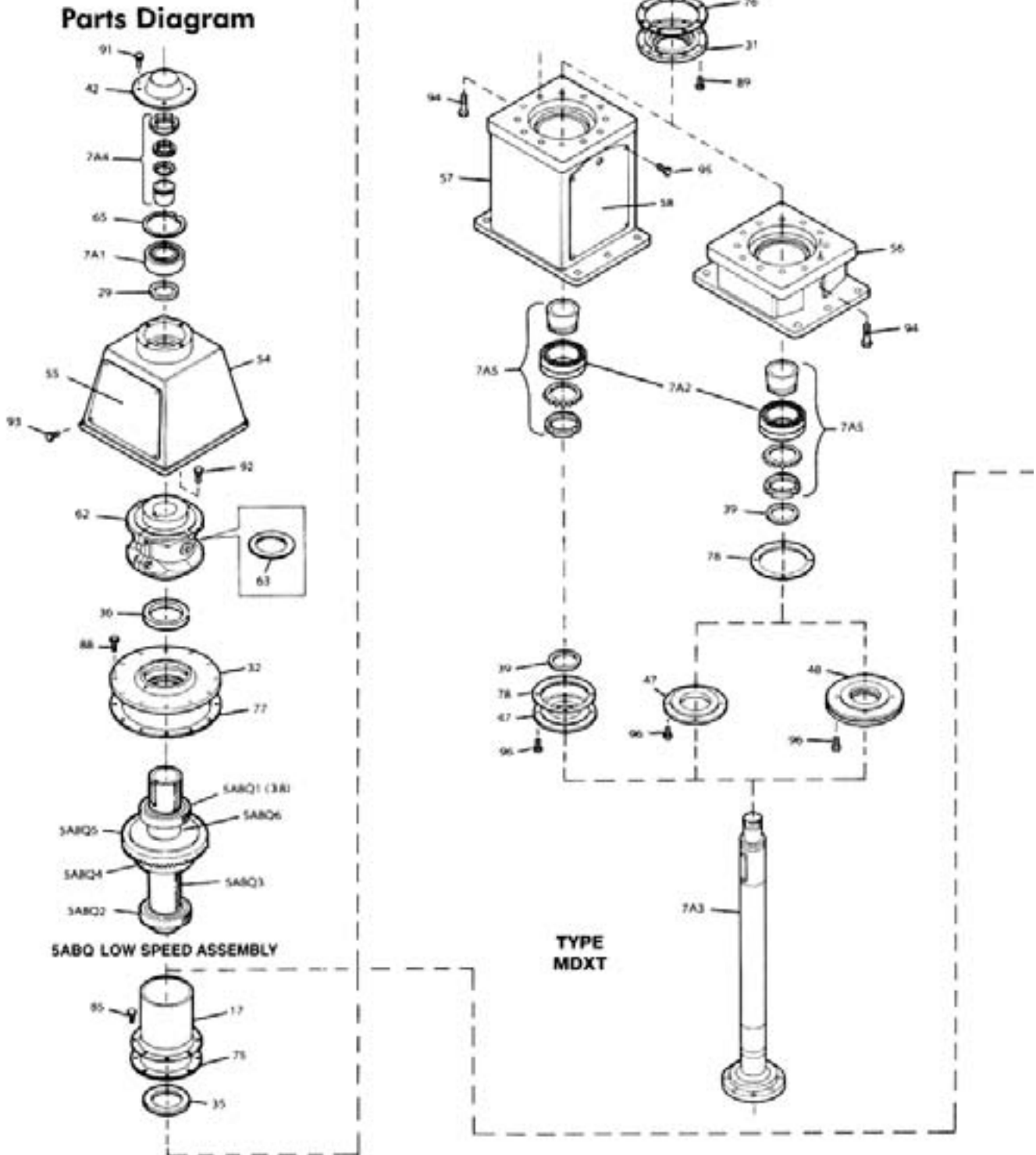
Refer to the exploded views on Pages 2 and 3 and Tables 1 and 2, Page 4 to identify the bearings and oil seals by the parts list and Reference Number. Then refer to Tables 3 thru 5, Page 5 to determine the manufacturer and manufacturer's part number.

Corrosion Protection & Storage

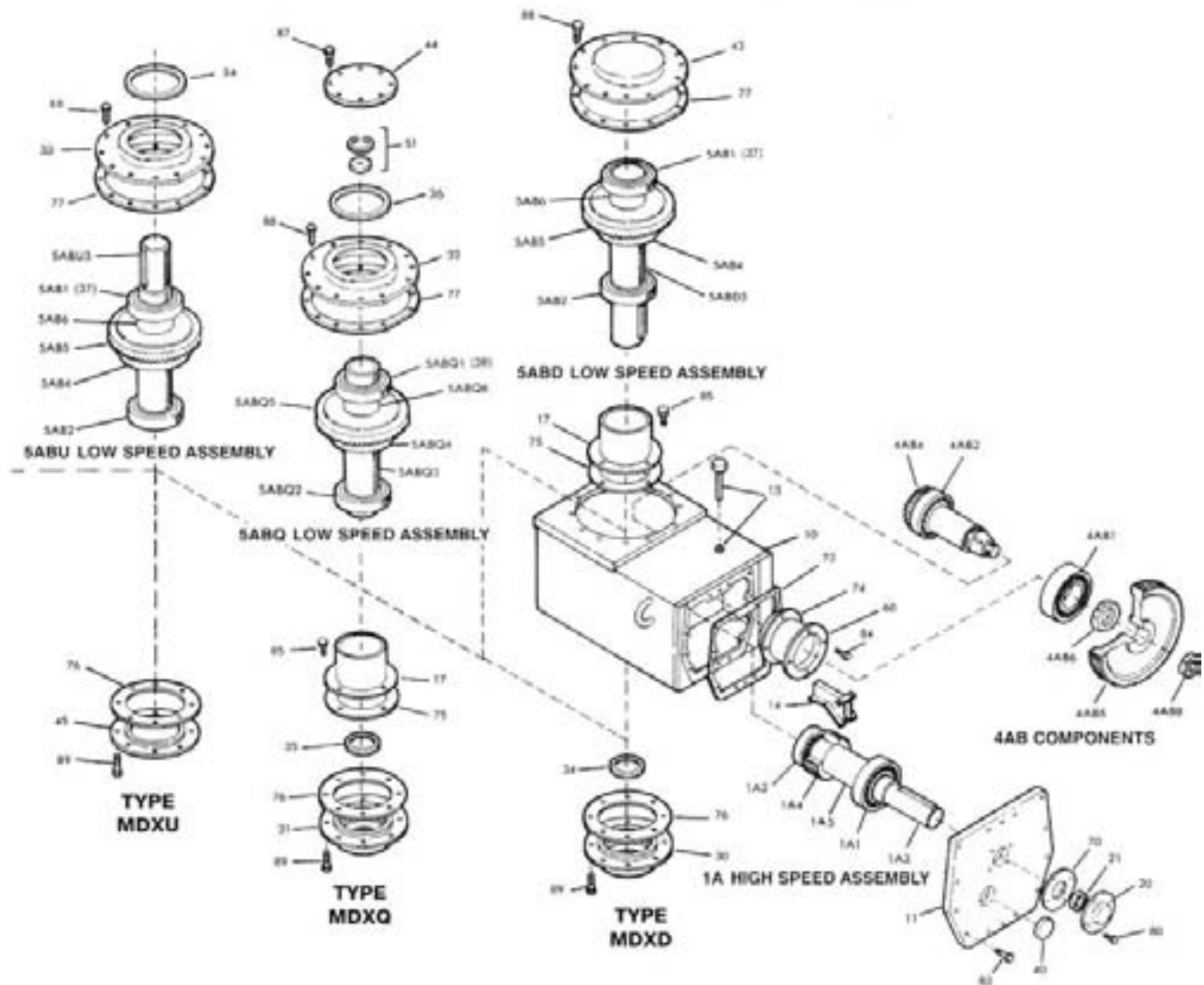
CAUTION: Follow guidelines below to avoid damage to parts.

- 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.



Refer to Page 5 to determine the availability of individual components.



Reference Numbers

TABLE 1 — Housing Parts List

Ref. No.	Part Description
10	Housing } See Ref. No. 130
11	Head }
13	Dipstick }
14	Oil Catcher
17	Oil Dam
20	Seal Cage, Replace with Ref. No. 120
21	Seal
29	Seal, Upper
30	Seal Cage, Lower
31	Seal Cage, Lower
32	Seal Cage, Upper
33	Seal Cage, Upper
34	Seal
35	Seal, Lower
36	Seal, Upper
37	Grease Shield, Nilos
38	Grease Shield, Nilos
39	Seal, Lower
40	Shaft Cover
42	End Cover
43	Shaft Cover, Upper
44	Shaft Cover, Upper
45	Shaft Cover, Lower
47	Seal Cage, Lower
48	Seal Cage, Lower, Optional
51	Thrust Plate Kit
54	Bearing Cage, Upper, (Incls. Qty. 2 Ref. No. 55)
55	Inspection Cover, Bearing Cage
56	Pedestal Base, Low
57	Pedestal Base, High, (Incls. Qty. 2. Ref. No. 58)
58	Inspection Cover, High Pedestal
60	Bearing Cage
62	Coupling
63	Packing Ring, Between Coupling Hubs
65	Retaining Ring
70 thru 78	Shim Gaskets available as a Kit (Specify Ref. No. 100)
80 thru 96	Fasteners available as a Kit. Specify Ref. No. 110 (or 112 which also includes fasteners for the MDXT.)
100	Shim-Gasket Kit (Incls. Ref. No. 70 thru 78)
110	Fastener Kit — MDX (Incls. Ref. No. 80 thru 90)
112	Fastener Kit — MDXT, (Incls. Ref. No. 80 thru 96)
120	Seal Cage ASSEMBLY (Incls. Ref. No. 20, 21, & 70)
130	Housing ASSEMBLY (Incls. Ref. No. 10, 11, 13, 14, 100, 110)

TABLE 2 — Shaft Assemblies Parts List

Ref. No.	Part Description
1A	Shaft Assembly (Incls. Ref. No. 1A1 thru 1A5)
1A1	Bearing
1A2	Bearing
1A3	Shaft
1A4	Pinion
1A5	Spacer
	Bevel Pinion Shaft Components
4AB1	Bearing
4AB2	Bearing
4AB4	Bevel Pinion (Replace with Ref. 6AB/6ABQ) ★
4AB5	Gear
4AB6	Locknut & Washers
4AB8	Locknut
5ABU/D	Shaft Assembly (Incls. Ref. No. 5AB1 thru 5AB6, except 5AB5)
5AB1	Bearing (Incls. Ref. No. 37)
5AB2	Bearing
5ABU3/D3	Shaft
5AB4	Umbrella
5AB5	Bevel Gear (Replace with 6AB) ★
5AB6	Spacer
6AB	Bevel Gear Set (Incls. Ref. No. 4AB4, 4AB6, 4AB8, 5AB5)
5ABQ	Shaft Assembly (Incls. Ref. No. 5ABQ1 thru 5ABQ6, except 5ABQ5 & 51)
5ABQ1	Bearing (Incls. Ref. No. 38)
5ABQ2	Bearing
5ABQ3	Shaft (Hollow)
5ABQ4	Umbrella
5ABQ5	Bevel Gear (Replace with 6ABQ) ★
5ABQ6	Spacer
6ABQ	Bevel Gear Set (Incls. Ref. No. 4AB4, 4AB6, 4AB8, 5ABQ5)
7A1	Bearing
7A2	Bearing
7A3	Stub Shaft
7A4	Bearing Adapter Removal Sleeve
7A5	Bearing Adapter Sleeve Assembly

★ Bevel gear and pinion must be ordered in matched sets.

Bearings & Seals

FACTORY ASSEMBLED COMPONENTS — Individual components, shown below, may be ordered separately for Ratios 5.009 thru 16.75. For drives with Ratios 20.68 thru 30.94, the pinion is cut integral with the shaft.

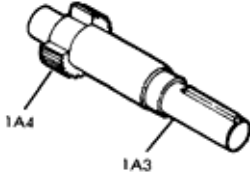


TABLE 3 — Seal Manufacturers' Part Numbers

Ref. No.	Falk No.	Manufacturers' Part No.	
		Chicago Rawhide	National
21	912749	CRWA 17285	471504
29	912757	...	417316
34	912596	CRWH 33735	455165
35	912552	CRWH 37396	455177
36	912552	CRWH 37396	455177
39	912757	...	417316

TABLE 4 — Bearing Manufacturers' Part Numbers

Ref. No.	Falk No.	Manufacturers' Part No.	Manufacturer
1A1	919611	208KG	Fafnir
1A2	919002	305	SKF
4AB1	921526	HM807046/HM807010	Timken
4AB2	921526	HM807046/HM807010	Timken
5AB1	921380	665/653	Timken
5AB2	921380	665/653	Timken
5ABQ1	921598	47896/47820	Timken
5ABQ2	921598	47896/47820	Timken
7A1	2915670	22311CCK/C3-W33	SKF
7A2	2915672	22216CCK/C3-W33	SKF

TABLE 5 — Grease Shields – Nilos

Ref. No.	Falk No.	Nilos No.	Manufacturer
37	2907902	665/653 AV	Timken
38	2907903	47896/47820 AV	Timken