

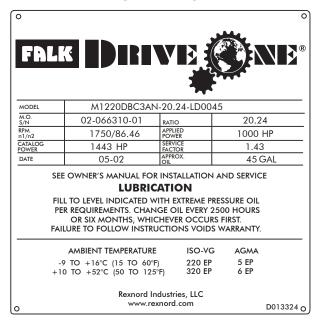
Type DB • Sizes M1220-M1250 • Triple Reduction

Introduction

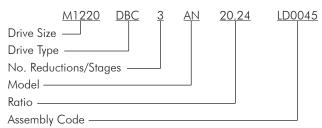
This literature applies to standard gear drives with ratings, speeds, ratios and dimensions as catalogued in current Rexnord selection guides. Refer to the Factory for all specials and modifications.

1. **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.

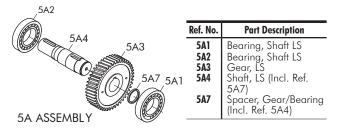
Sample Nameplate



Drive Identification



2. **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. It is also recommended that the Repair Kit, Ref. No. "RK", consisting of a full set of seals, bearings and bore plugs be considered when disassembling a drive for servicing.

PINIONS, GEARS & SHAFTS — Replacement of a pinion, gear or shaft may also require the replacement of the respective connected parts. It is recommended that Rexnord be contacted to help make that determination.

FASTENERS — DRIVE ONE fasteners are generally reusable. If replacement fasteners are required, consult the drive service manual for sizing and grade information for local availability. The Factory will of course furnish fastener kits if required. Simply identify the part for which they are required.

SHAFT COUPLINGS & OTHER DRIVE ACCESSORIES

- Refer to coupling parts guide or appropriate accessory product literature for servicing or replacement information.
- 3. ORDER PLACEMENT Place your order with your local Rexnord Representative 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, Page 4, to determine the Manufacturer and Manufacturer's part number.

Corrosion Protection & Storage

CAUTION: Follow guidelines below to avoid damage to parts.

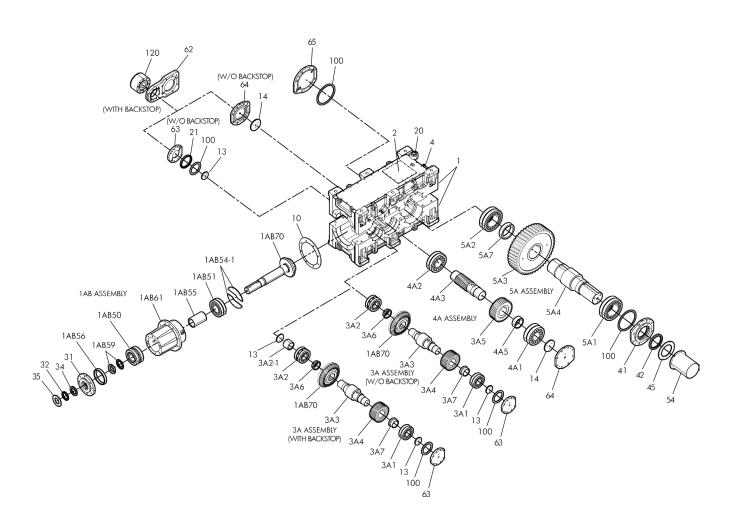
- 1. For domestic or indoor storage, Factory provides standard 24 month protection as boxed or optional 24 month protection for individual parts.
- 2. For export or outdoor storage, Factory provides optional 18 month protection.

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

May 2012 Supersedes 10-09



Parts Diagram



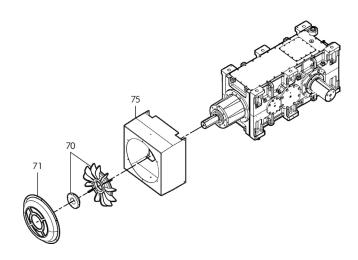


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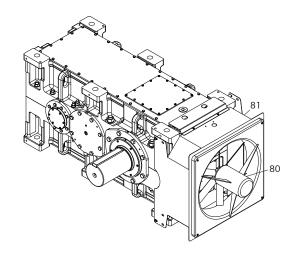
TABLE 1 — Parts List

Ref. No.	Description				
1	Housing (Consists of Base & Cover & all Hardware)				
2	Inspection Cover				
4	Dipstick				
10 13	Shim-Gasket Set, Bearing Carrier Keeper Plate Intermediate Bearing				
14	Keeper Plate, Intermediate Bearing Keeper Plate, LSP Bearing				
20	Air Vent				
21	Spacer, Housing HS Bore				
23 30	Spacer, Housing LSP Bore Seal Cage Assy. HS (Incl. Ref. 31-35, 34 where req'd.)				
31	Seal Cage HS				
32	Seal, Exclusion HS (Outer)				
34 35	Seal, Oil HS (Inner) Cover, Seal HS				
40	Seal Cage Assy. LS (Incl. Ref. 41-45, 44 where req'd.)				
41	Seal Cage LS				
42	Seal, Exclusion LS (Outer)				
44 45	Seal, Oil LS (Inner) Cover, Seal LS				
54	Guard, Shaft LS				
62	Cover (HS & LS Pinion)				
63 64	Cover, End (Intermediate) Cover, End (LS Pinion)				
65	Cover, End (LS Gear)				
70	Fan				
71 75	Guard, Fan				
73 77	Shroud, Fan Fan Assy. (Incl. Ref. 70-76)				
80	Fan, Electric				
81	Fan, Electric, Drive Shroud				
100 120	Gasket, Shim Kit (Drive) Backstop				
1AB	HIGH SPEED BEVEL HEAD ASSEMBLY (Incl. Ref.				
ואט	1AB50-1AB70)				
1AB50	Bearing, HS				
1AB51 1AB54-1	Bearing, HS Oil Retainer Plates (2 Piece)				
1AB55	Spacer, Shaft HS				
1AB56	Spacer, Shaft HS				
1AB59 1AB61	Locknut & Washer				
1AB70	Carrier, Bearing HS Set, Bevel HS				
3A	INTERMEDIATE SHAFT ASSEMBLY (Incl. Ref. 3A1-3A3,				
	3A6/3A7 Less Bevel Gear)				
3A1	Bearing, Shaft Int.				
3A2 3A3	Bearing, Shatt Int. Pinion, Int. SOS (Incl. Ref. 3A7)				
3A3/3A4	Pinion & Shaft Int. (Incl. Ref. 3A6 & 3A7)				
3A5	Gear, Int.				
3A6 3A7	Spacer, Int. Gear/Bearing (Incl. with Ref. 3A3/3A4)				
4A	Spacer, Int. Pinion/Bearing (Incl. with Ref. 3A3 & 3A3/3A4) LOW SPEED PINION ASSEMBLY (Incl. Ref. 4A1-4A5 &				
77.	1A5)				
4A1	Bearing, Pinion LS				
4A2	Bearing, Pinion LS				
4A3 4A5	Pinion LS (Incl. Ref. 4A5) Spacer, Int. Gear/Bearing (Incl. with Ref. 4A3)				
5A	LOW SPEED SHAFT ASSEMBLY (Incl. Ref. 5A1-5A7)				
5A1	Bearing, Shaft LS				
5A2	Bearing, Shatt LS				
5A3 5A4	Gear LS				
5A4 5A7	Shatt LS (Incl. Ret. 5A7) Spacer, Gear/Bearing (Incl. with Ref. 5A4)				
-215	Training (man min ton or tr)				

SHAFT FAN PARTS



ELECTRIC FAN PARTS



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TABLE 2 — Oil Seals/Falk Part Numbers

	H.S.	Shaft	L.S. Shaft		
DRIVE	Reference No.				
SIZE	32	34	42	44	
1220	D009046	D005878	D009047	D003199	
1230	D009046	D005878	D009047	D003199	
1240 1250	D009048 D009048	D005734 D005734	D009051 D009051	D009052 D009052	

TABLE 4 — Bearings/Falk Part Numbers

H.S. Shaft		1st. Int	. Shaft	2nd In	t. Shaft	L.S. S	Shaft	
DRIVE SIZE	Reference No.							
3121	1AB50	1AB51	3A1	3A2	4A1	4A2	5A1	5A2
1220	919108	D008862	D008859	D008827	919112	919112	D008825	D008825
		D008862						
		D008829						
1250	D008864	D008829	D008861	D008828	919315	D008831	D008830	D008830

TABLE 3 — Seal Manufacturer's Part Numbers

5 U.B N	Manufactuter's Part No.			
Falk Part No.	Chicago Rawhide	Transcom		
D003199 D005734 D005878 D009046		240X270X15TC 130X160X12VTF 120X150XVTF 120X160X12VTF		
D009047 D009048 D009051 D009052		240X280X16SC 130X170X12VTF 260X300X20SB 260X290X15TC		

TABLE 5 — Bearing Manufacturer's Part Numbers

Falk Part No.	Manufacturer's Part No.		
919108	NACHI 22328EW33C3		
919112	SKF 22332CCC3W33		
919315	SKF 22338CCC3W33		
D008825	NACHI 23148EW33		
D008827	NSK 23322CAME4C3U15-VS		
D008828	TIMKEN 23324YMW33C3S11		
D008829	NSK 23332CAME4C3S11		
D008830	SKF 24052CCW33		
D008831	NSK 23338CAME4C3S11		
D008859	2TS-DM31322		
D008861	2TS-DM30324/32324		
D008862	2TS-DM31326		
D008864	2TS-DM31330		

Special end play required on these bearings. Do not replace without consulting the Factory.