

Type YBX • Sizes 2070-2195

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Housing Parts — Double Reduction — Low Speed Shaft Down



Housing Parts — Triple Reduction — Low Speed Shaft Down



Double & Triple Reduction — Low Speed Shaft Up



TABLE 1 — Housing Parts List

Ref. No.	Part Description	Ref. No.	Part Description
1 13 14 15 19 20 24 26 30 31 32 33 35	Housing (consisting of Base & Cover and all hardware) Shim-Gasket, Int. Pinion Shim-Gasket, LS. Gear Shim-Gasket, LS. Pinion Shim-Gasket, H.S. Bearing Cage Shim-Gasket, H.S. Pinion Gasket, Seal, Vapor Vent, Air H.S. Seal Cage Assembly ▲ Cage, Seal – Inner, H.S. Cage, Grease-Purged, H.S. Baffle Ring, H.S. Seal, Exclusion or Oil, H.S.	41 45 46 47 48 49 60 61 63 65 66 68 70 71 72 100	Cage, Seal – Lower, L.S. Seal, Oil – Lower, L.S. Cage, Seal – Upper, L.S. Seal, Oil – Upper, L.S. Guard, Seal – Oil, L.S. Seal, Vapor, L.S. Cover, End – Upper, L.S. Cover, End – Upper, I.S. Cover, End – Upper, Int. Cover, End – Lower, L.S. Cover, End – Lower, L.S. Cover, End – Lower, L.S. Cover, End – Lower, I.S. Cover, End – Lower, I.S. Pinion Cover, End – Lower, I.S. Sittibutor, Oil Shim-Gasket Kit (Includes Ref. Nos. 13, 14, 15, 19, 20 & 5A11)

▲ See Page 2 for details of seal assembly

NOTE: Drawings are representative of this series of drives and may not agree in exact detail with each drive size. When ordering spare parts, give complete nameplate data: Model, M.O., HP, RPM, Date and Ratio with part Reference No. and Description as stated herein.

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Sizes 2070-2195 • Type YBX



1AB Bevel Pinion Shaft Assembly *****



NOTE: Bevel gearing is case hardened after cutting, and subsequently lapped 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.

Pinions are solid on shaft for some ratios.

Drives are furnished with either oil pump or oil slinger, depending upon size and ratio.

Reference 30 Seal Assemblies

Identify your seal assembly by matching all the parts of the assembly with one of Figures 1 or 2 below. Make certain you match each part of the assembly as only one of the Figures shown will match.

MODEL A or B





Figure 1

Figure 2

TABLE 2 — Bevel Pinion Shaft Assembly Parts List

Reference No.& Reduction		
Double	Triple	Part Description
1AB2-50 1AB2-51 1AB2-52 1AB2-53 1A82-54 1AB2-55 1AB2-55 1AB2-57 1AB2-57 1AB2-59 1AB2-59 1AB2-61 1AB2-62 1AB2-63	1AB3-50 1AB3-51 1AB3-52 1AB3-53 1AB3-53 1AB3-55 1AB3-55 1AB3-56 1AB3-57 1AB3-58 1AB3-59 1AB3-61 1AB3-62 1AB3-63	Bearing (2), H.S. Shaft Bearing (2), H.S. Shaft Gear, Bevel Pinion & Bevel Furnished as a set only. Shaft, H.S. Nut, Lock (Pinion or Bearing) Key, Bevel Pinion * Key, H.S. Extension Spacer, Inner Bearing * Spacer * Seal Cage Assembly — See Ref. 30 on Page 1 and Below Stinger, Oil (See Note) Spacer, Outer Bearing *
1AB2-64 1AB2-65 1AB2-66 1AB2-67 1AB2-68	1AB3-64 1AB3-65 1AB3-66 1AB3-67 1AB3-68	Key, Oil Stinger or Pump Gear Gears, Pump Pump Assembly (See Note) Nut, Hex Lock Hub, Bevel Gear *
Also order Shim-Gasket Kit (Ref. No. 100) listed on Page 1.		

* Used for some sizes and ratios.

TABLE 3 — Seal Assembly Parts List

Ref. No.	Part Description
31	Cage, Seal – Inner, H.S. or L.S.
32	Cage, Grease–Purged, H.S. or L.S.
33	Baffle Ring, H.S. or L.S.
35	Seal, Exclusion or Oil, H.S. or L.S.

Shaft assemblies can be furnished assembled if requested. However, for periods of extended storage, this is not recommended; parts, especially bearings, ore more effectively protected against rust in their original packages.



Type YBX • Sizes 2070-2195

3A 1st Intermediate Shaft Assemblies * — Triple Reduction Only



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4A Low Speed Shaft Assemblies *****



Sizes 2070 thru 2175 Double Reduction

TABLE 5 — 4A Low Speed Shaft Assembly Parts List

Ref. No.	Part Description
4A1 4A2 4A3 4A5 4A8 4A10	Bearing, L.S. Pinion Shaft Bearing, L.S. Pinion Shaft Pinion, L.S. Pinion Shaft Key, Gear Spacer, 1st Int. Gear Spacer;
Also order Shim-Gasket Kit (Ref. No. 100) listed on Page 1.	

* Used for some sizes and ratios.



Ref. No.	Part Description	
3A3-70 3A3-71 3A3-72 3A3-73 3A3-74 3A3-75 3A3-76	Bearing, 1st Int. Shaft Bearing, 1st Int. Shaft Pinion with Shaft, 1st Int. Gear, 1st Int. Spacer, Bevel Gear Key, Bevel Gear Spacer *	
Also order Shim-Gasket Kit (Ref. No. 100) listed on Page 1.		

***** Used for some sizes and ratios.



Sizes 2070 thru 2175 Triple Reduction

• Shaft assemblies can be furnished assembled if requested. However, for periods of extended storage, this is not recommended; parts, especially bearings, ore more effectively protected against rust in their original packages.



5A Low Speed Shaft Assemblies *





L.S. Shaft Up Sizes 2070 & 2080



L.S. Shaft Up Sizes 2090 thru 2195

TABLE 6 — 5A Low Speed Shaft Assembly **Parts List**

Ref. No.	Part Description
5A1	Bearing, L.S. Shaft
5A2	Bearing, L.S. Shaft
5A3 ‡	Gear, L.S.
5A4 ‡	Shaft, L.S.
5A5	Key, L.S. Shaft Extension
5A7	Spacer, L.S. Gear
5A9	Key, L.S. Gear
5A10	Umbrella
5A11	Seal Ring
5A12	Sleeve, Wear — L.S. Seal *
Also order Shim-Gasket Kit (Ref. No. 100) listed on Page 1.	

‡ Some low speed gears are finished (turned and cut) while assembled to their shafts. Where circumstances permit, check with Factory to determine if the gear ONLY can be supplied.

* Used for Sizes 2070 & 2080 only.

NOTE: Drawings are representative of this series of drives and may not agree in exact detail with each drive size. When ordering spare parts, give complete nameplate data: Model, M.O., HP, RPM, Date and Ratio with part Reference No. and Description as stated herein.

Shaft assemblies can be furnished assembled if requested. However, for periods of extended storage, this is not recommended; parts, especially bearings, ore more effectively protected against rust in their original packages.