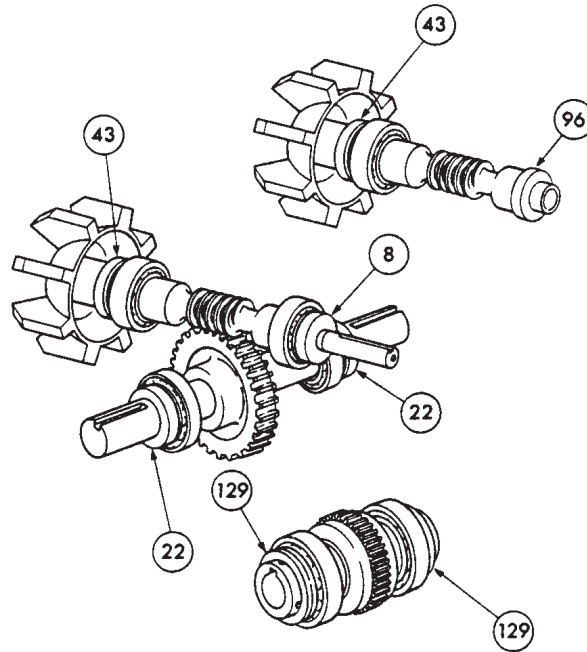


Ordering Instructions

When ordering seals, give the reference numbers from the drawings, seal manufacturer's part number from the tables and complete nameplate data: drive size, model, serial number, ratio, and date.

Single Reduction Sizes 100 thru 1000



DRIVE SIZE	Seal Reference & Manufacturer's Number ★							
	8	22	43	96				129
				48C, 56C, 140TC	180TC	210TC	250TC	
100	CR3680	CR5062	...	CR8624	...	...	...	...
133	CR6316	CR6765	...	CR9998	...	...	...	CR9878
154	CR6316	CR7443	...	†	...	...	...	CR9878
175	CR6316	CR8702	...	†	...	...	...	CR14247
206	CR6316	CR9878	...	†	...	...	...	CR19229
238	CR7573	CR11138	...	CR12577	CR16062	...	...	CR19229
262	CR8702	CR13092	...	CR15522	CR15522	...	...	CR19229
300	CR9878	CR12364	...	CR15522	CR15635	CR18565	...	CR24898
325	CR9878	CR15005 †	CR9878	CR15522	CR15635	CR18565	...	CR24898
326	CR9878	CR16246 †	CR9878	CR15522	CR15635	CR18565	...	...
425	CR13092	CR18581 †	CR13092	CR14876	CR19832	CR19832	CR22354	CR27269
525	CR13092	CR19993 †	CR13092	CR14876	CR19832	CR19832	CR22354	CR42528
600	CR16246	CR24898 †	CR16246	CR19832	CR19832	CR19832	CR22354	CR42528
700	CR17387	CR27362 †	CR17387	...	...	...	...	CR49985
800	CR21100	CR32395 †	CR21100	...	...	...	...	CR56160
1000	CR25075	CR38692 †	CR25075	...	...	...	...	CR67515

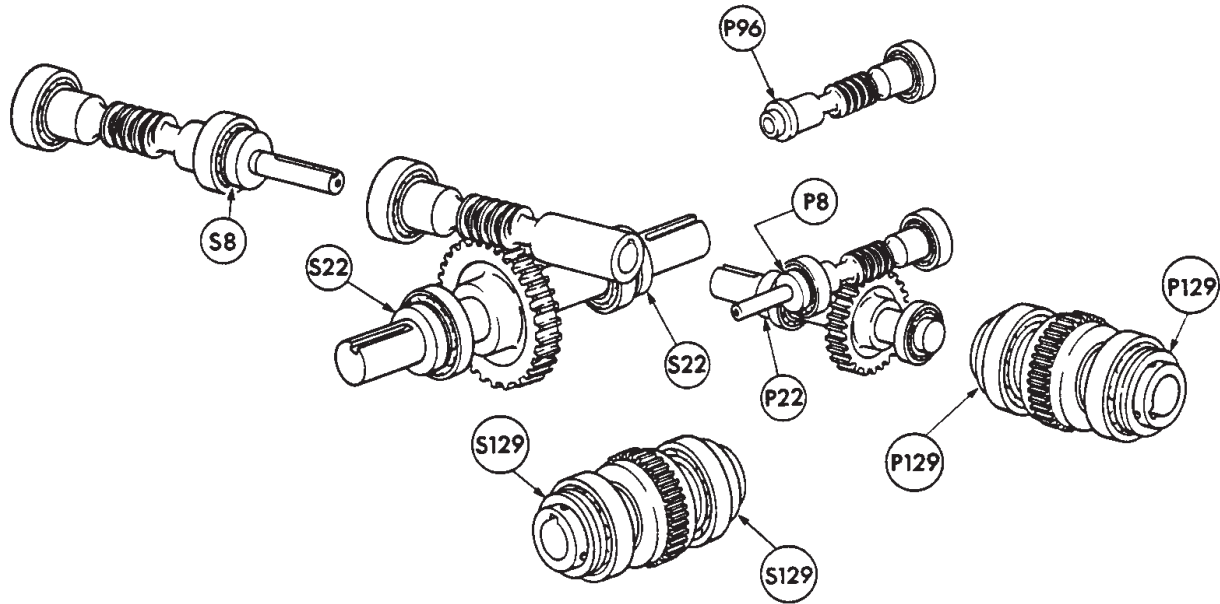
★ All seals are Chicago Rawhide.

† L.S. seal for Type WR drives

- Size 325 = CR15005
- Size 326 = CR16246
- Size 425 = CR18581
- Size 525 = CR22354
- Size 600 = CR24898
- Size 700 = CR29906
- Size 800 = CR34887
- Size 1000 = CR39923

‡ CR9998 (48C)
CR12364 (56C, 140TC)

Double Reduction Worm/Worm Sizes 133 thru 1000



DRIVE SIZE	Seal Reference & Manufacturer's Number ★							
	P8	P22	S22	P96				S129
				48C, 56C, 140TC	180TC	210TC	250TC	
133	CR3680	CR5062	CR6765	CR8624	...	...	...	CR9878
154	CR3680	CR5062	CR7440	CR8624	...	...	...	CR9878
175	CR3680	CR5062	CR8702	CR8624	...	...	...	CR14247
206	CR3680	CR5062	CR9878	CR8624	...	...	...	CR19229
238	CR6316	CR6765	CR11138	CR9998	...	...	...	CR19229
262	CR6316	CR6765	CR13092	CR9998	...	...	...	CR19229
300	CR6316	CR6765	CR12364	CR9998	...	...	...	CR24898
325	CR6316	CR8702	CR15005 †	‡	...	...	...	CR24898
326	CR6316	CR8702	CR16246 †	‡	...	...	...	...
425	CR6316	CR9878	CR18581 †	‡	...	...	...	CR27269
525	CR8702	CR13092	CR19993 †	CR15522	CR15522	...	...	CR42528
600	CR543889	CR15005	CR24898 †	CR15522	CR15635	CR18565	...	CR42528

DRIVE SIZE	Seal Reference & Manufacturer's Number ★								
	P8	P129	S8	S22	P96				S129
					48C, 56C, 140TC	180TC	210TC	250TC	
700	CR543889	CR24898	CR17387	CR27362 †	CR15522	CR15635	CR18565	...	CR24898
800	CR13092	CR27269	CR21100	CR32395 †	CR14876	CR19832	CR19832	CR22354	CR56160
1000	CR13092	CR42528	CR25075	CR38692 †	CR14876	CR19832	CR19832	CR22354	CR67515

★ All seals are Chicago Rawhide

† L.S. seal for Type WRW drives

Size 325 = CR15005

Size 326 = CR16246

Size 425 = CR18581

Size 525 = CR22354

Size 600 = CR24898

Size 700 = CR29906

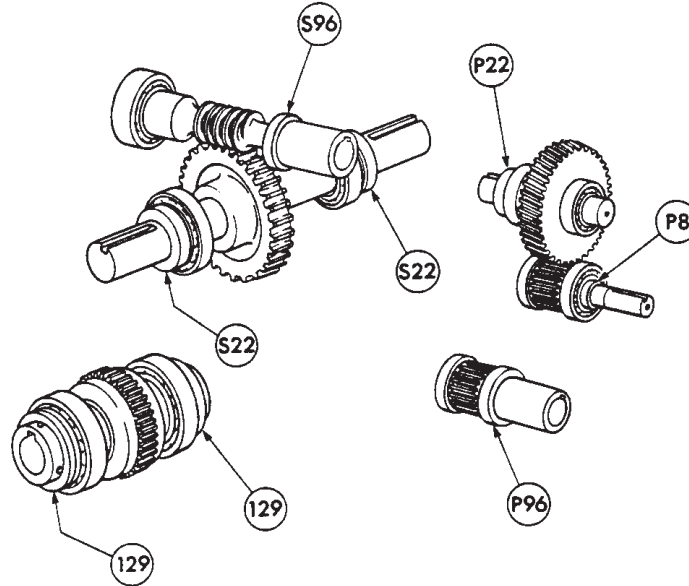
Size 800 = CR34887

Size 1000 = CR39923

‡ CR9998 (48C)

CR12364 (56C, 140TC)

Double Reduction Helical/Worm Sizes 133 thru 600



DRIVE SIZE	Seal Reference & Manufacturer's Number ★					
	P8	P22	S22	P96	S96	129
133	CR5133	CR6373	CR6765	CR9998	CR9998	CR9878
154	CR5133	CR6373	CR7440	CR9998	CR9998	CR9878
175	CR5133	CR6373	CR8702	CR9998	CR9998	CR14247
206	CR5133	CR6373	CR9878	CR9998	CR12364	CR19229
238	CR6316	CR8702	CR11138	CR14214 (56/140) CR15508 (180TC)	CR12577	CR19229
262	CR6316	CR8702	CR13092	CR14214 (56/140) CR15508 (180TC)	CR15522	CR19229
300	CR6316	CR8702	CR12364	CR14214 (56/140) CR15508 (180TC)	CR15522	CR24898
325	CR6316	CR8702	CR15005	CR14214 (56/140) CR15508 (180TC)	CR15522	CR24898
326	CR6316	CR8702	CR16246 †	CR14214 (56/140) CR15508 (180TC)	CR15522	...
425	CR8748	CR11340 (180TC) CR13569 (210TC)	CR18581 †	CR15522 (56/140) CR15635 (180TC) CR18565 (210TC)	CR14876	CR27269
525	CR8748	CR11340 (180TC) CR13569 (210TC)	CR19993 †	CR15522 (56/140) CR15635 (180TC) CR18565 (210TC)	CR14876	CR42528
600	CR8748	CR11340 (180TC) CR13569 (210TC)	CR24898	CR15522 (56/140) CR15635 (180TC) CR18565 (210TC)	CR19832	CR42528

★ All seals are Chicago Rawhide.

† L.S. seal for Type WRH drives

Size 325 = CR15005

Size 326 = CR16246

Size 425 = CR18581

Size 525 = CR22354

Size 600 = CR24898



Seal Data for Sizes 700-1000 Helical/Worm

Helical/Worm Drive Sizes 700-1000 utilize Series 4000J Drives for helical primary heads.

for primary heads seals, refer to parts Guide 373-911. The specific J-Drive primary size and ratio may be determined from the table below and at the right. For secondary seals, use the standard single reduction seals listed on Page 1.

Standard Helical/Worm Drive Ratio Combinations

Total Reductions	Helical/Worm Nominal Ratio	J-Drive Nominal Ratio
Double	25, 37.5, 50, 75, 100, 125, 150, 200, 300:1	5:1
Triple	138, 185:1	9:1
Triple	210, 280, 350, 420, 560, 700, 840:1	14:1
Triple	250, 375, 500, 625, 750, 1000, 1250, 1500, 1750:1	25:1

Primary & Secondary Drive Size Combinations

Type W Secondary Type J Primary	700 4115	800 4203	1000 4207