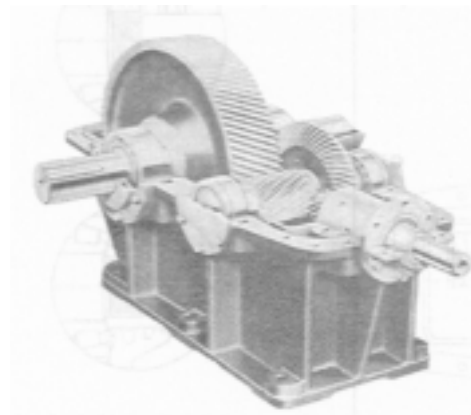


SINGLE REDUCTION
Ratio Range 1.5:1 to 5.28:1

How to Order Spare Parts

1. Give complete reducer nameplate data: Model, M.O., RPM, HP, Date and Ratio.
2. Give reference number and name of parts desired. Drawings are representative of all sizes and may not agree in exact detail with drive. Complete nameplate data will assure receipt of the correct parts.



DOUBLE REDUCTION
Ratio Range 5.7:1 to 52.1:1

BEVEL GEAR STANDARDS — Spiral bevel gear standards were recently changed, so some replacement gear ratios will vary from the ratio originally furnished, but in no case will this variance exceed 1%. Spiral bevel gears are sold only as sets. In the final stages of manufacturing, the pinion and gear are lapped together to insure proper tooth contact.

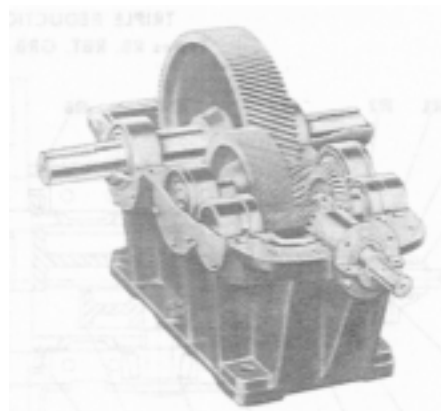
GEARS FOR CHANGING RATIOS — If a set of gears of a new standard ratio is required, operating capacities should be checked in the Selection Guide.

LOW SPEED ROLLER BEARINGS — HB, DB, RB, GHB, GDB, and GRB drives are equipped with single row low speed bearings. HBT, DBT, RBT, GHBT, GDBT, and GRBT drives are equipped with double row low speed bearings.

LOW SPEED GEARS — For ease of assembly, it is recommended that low speed gears be purchased complete with shaft.

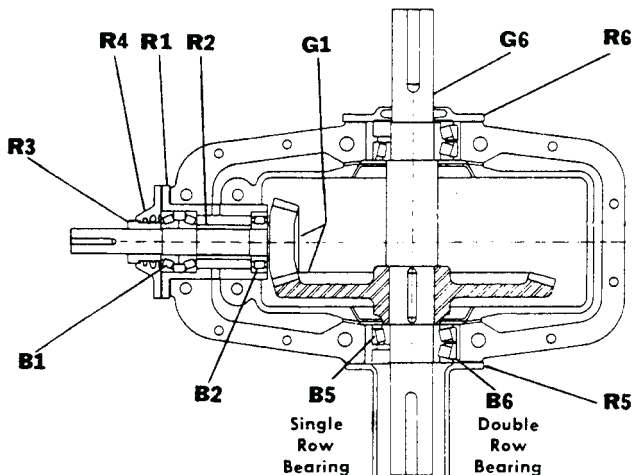
HIGH SPEED OIL RETAINER — If the drive has an adjusting nut inside the high speed oil retainer, as shown in sketches on [Page 2](#), it is necessary to purchase a new high speed oil retainer with the first bevel gear spare parts order.

HIGH SPEED CAGE — When replacing the high speed gears, it is recommended that the bearings and cage also be replaced. When this is done, the parts are assembled at the Factory and correctly adjusted. It is then necessary only to position the pinion by means of shims to obtain the proper tooth contact.

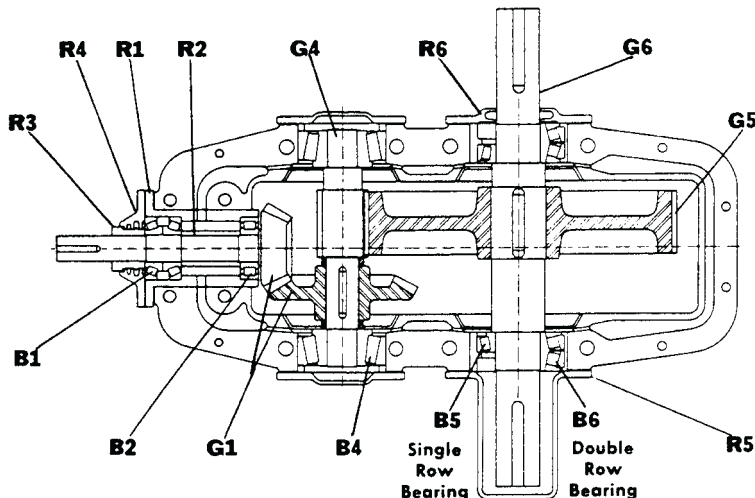


TRIPLE REDUCTION
Ratio Range 56:1 to 515:1

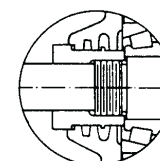
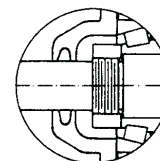
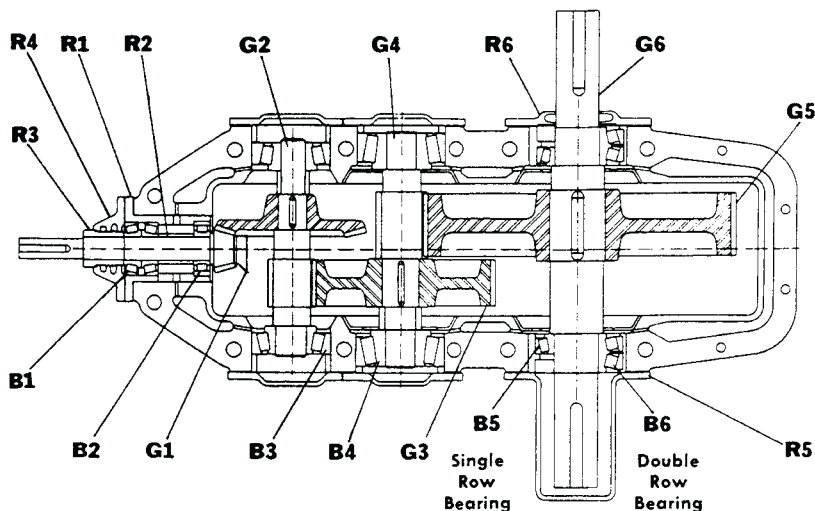
SINGLE REDUCTION
Types HB, HBT, GHB, GHBT



DOUBLE REDUCTION
Types DB, DBT, GDB, GDBT



TRIPLE REDUCTION
Types RB, RBT, GRB, GRBT



EARLIER DESIGNS
For Parts R3 and R4

Part No.	Description for all Reductions
BEARINGS	
B1	High Speed Pinion Outer Bearings (2)
B2	High Speed Pinion Inner Bearing (1)
B3	First Intermediate of Triple Reduction (2)
B4	Second Intermediate of Triple Reduction (2)
	Intermediate of Double Reduction (2)
B5	Low Speed Bearings, Single Row (2)
B6	Low Speed Bearings, Double Row (2)
CAGES & RETAINERS	
R1	High Speed Bearing Cage
R2	High Speed Bearing Spacer
R3	Shrink Collar
R4	High Speed Oil Retainer
R5	Low Speed Shaft Guard
R6	Low Speed Oil Retainer
GEARS, PINIONS & SHAFTS	
G1	Bevel Gear, Pinion and High Speed Shaft
G2	First Intermediate Pinion & Shaft of Triple Reduction
G3	Second Intermediate Gear of Triple Reduction
G4	Second Intermediate Pinion & Shaft of Triple Reduction
	Intermediate Pinion & Shaft of Double Reduction
G5	Low Speed Gear of Double & Triple Reduction
G6	Low Speed Shaft