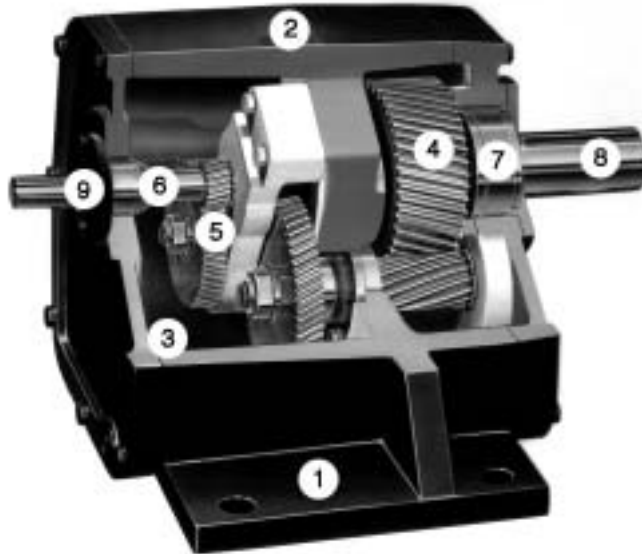




MAXUM Concentric Reducer

Dodge Maxum - Improved Features - Greater Benefits



1. Rugged, compact package generates dependable performance in less space.
 - Maximum capacity design
2. High strength, ductile and cast iron housings provide strength and rigidity for industrial applications
 - Finite element modeled
 - Integral internal walls
3. Precision machined, doweled design provides proper gear alignment under load.
4. All new helical gearing with increased capacity reduces cost or extends service life.
 - Case carburized, precision finished teeth
 - Gears and pinions 98% efficient per stage
5. Balanced gear ratios for the most cost-effective design.
6. Large diameter shafts for added strength.
 - Increased shaft diameters for less deflection
7. All heavy-duty tapered roller bearing design for increased performance.
 - Increased radial and thrust load capabilities
 - Minimum 25,000 hours average life
8. Reducer overhung load capability optimized for total system value.
9. Standard, double-lip and optional Viton) seals help keep lubricants in, contaminants out.
 - 100% Factory tested before shipment
 - Standard seal operating temperatures of -40°F to 225°F.



FEATURES/BENEFITS

MAXUM Concentric Reducer



TOTALLY NEW DESIGN WITH DRAMATICALLY INCREASED HORSEPOWER AND HIGHER TORQUE RATINGS, DELIVERS GREATER CONCENTRIC REDUCER VALUE AND 20% COST SAVINGS*

OPTIONS

DODGE MAXUM REDUCER SIZE	RATIOS AVAILABLE	HP@ 1750 RPM 25:1	LOW SPEED SHAFT OHL** @ 68 RPM (lbs)	SCOOP PACKAGES FOR MOTOR FRAMES	CUSTOM DESIGNED HEAVY DUTY BASEPLATES	TOP MOTOR MOUNTS FOR MOTOR FRAMES	EXTERNAL BACKSTOP	AUX. SEALS	VITON® SEAL OPTION	SLIDE BASE
1	2.25-194.6	7.58	2,700	143-215T	YES	143-215T	YES	YES	YES	YES
2	2.25-194.6	13.5	3,790	143-256T	YES	143-256T	YES	YES	YES	YES
3	2.25-194.6	21.7	4,470	143-286T	YES	143-286T	YES	YES	YES	YES
4	2.25-194.6	34.7	5,460	143-326T	YES	143-326T	YES	YES	YES	YES
5	2.25-194.6	43.5	7,130	143-365T	YES	182-365T	YES	YES	YES	YES
6	2.25-194.6	71.0	8,660	143-365T	YES	182-365T	YES	YES	YES	YES
7	5.06-194.6	108	13,100	213-445T	YES	213-445T	YES	YES	YES	YES
8	5.06-194.6	125	14,300	213-445T	YES	213-445T	YES	YES	YES	YES
9	5.06-194.6	189	15,800	254-445T	YES	213-445T	YES	YES	YES	YES
10	5.06-194.6	277	16,000	254-445T	YES	254-445T	YES	YES	YES	YES
11	5.06-194.6	375	19,400	284-445T	YES	284-445T	YES	YES	YES	YES
12	5.06-194.6	493	17,500	284-445T	YES	284-445T	YES	YES	YES	YES

* Based on competitive ratings and the DODGE unit it replaces.

** Overhung Load.

■ Sizes 1-3 Discontinued. Remaining Stock May Be Available

FEATURES

- Maximum Input Horsepower @1750 RPM - 1600 HP
- Maximum Output Torque- 502,000 In-lbs
- Balanced Metric Design
- All Heavy Duty Tapered Roller Bearings
- Standard Double-lip Seals With Standard Viton Option
- Up To 250 HP Scoop Packages With Multiple Coupling Options
- Custom Mechanical Power Transmission Packages
- AC/DC Variable Speed Application Expertise
- Warranty Protection Plan - 36/12 Months
- Quick Response Delivery Program
- ISO 9002 Certified