Gear Catalog

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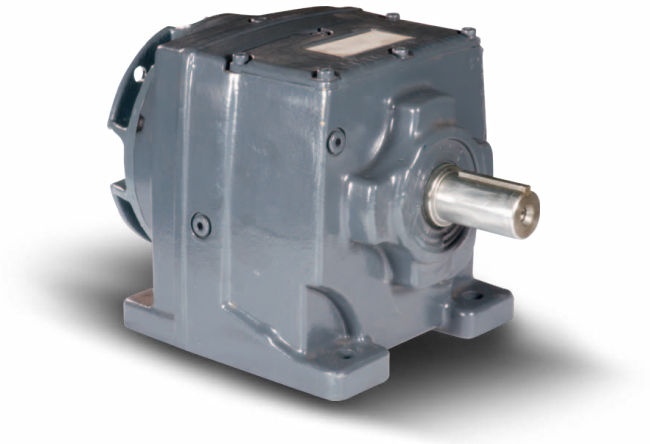
Falk Ultramite UC Helical Concentric Gear Drives

(Inch)



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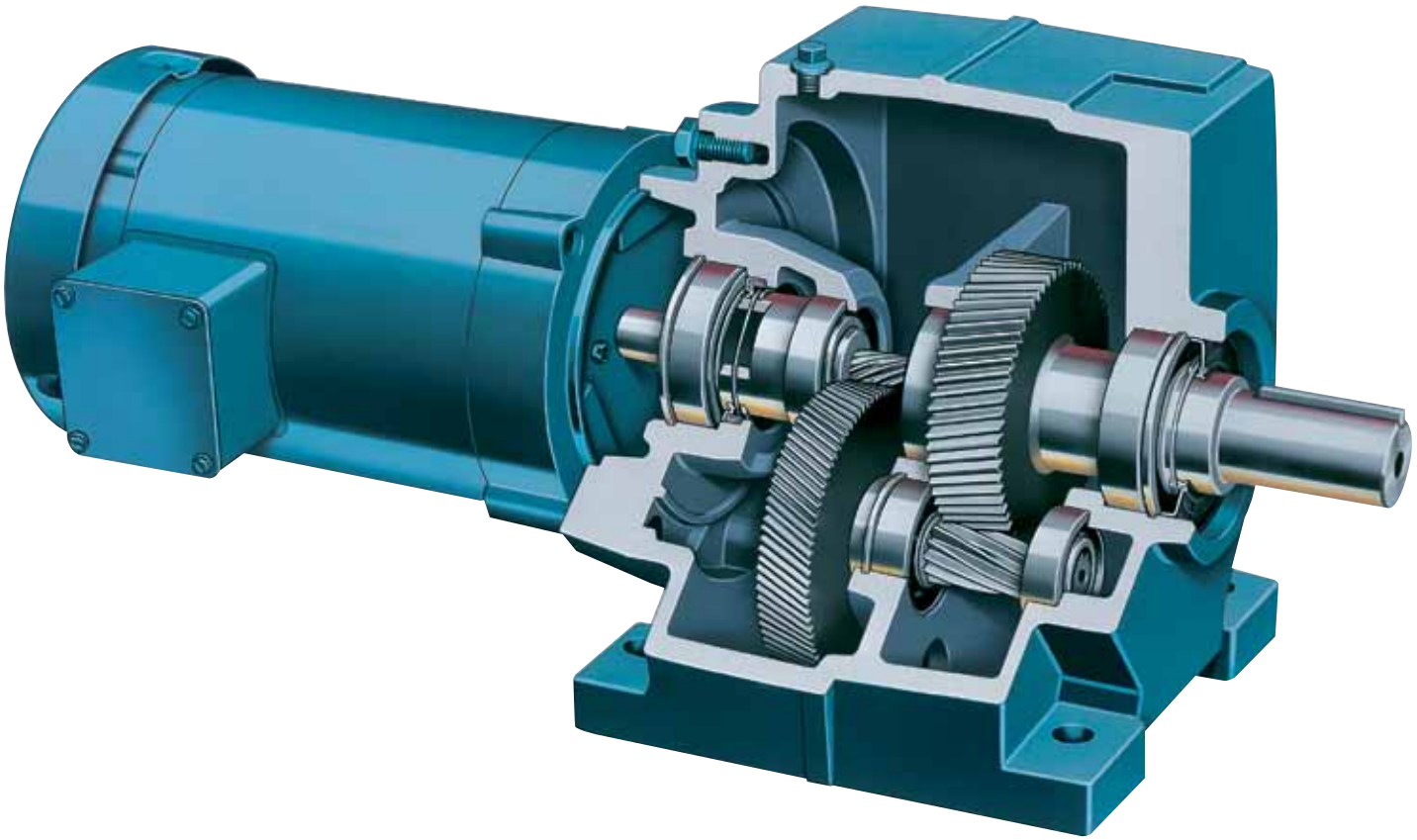

To learn more about the Falk® Ultramite® UC Helical Concentric Gear Drive
and the rest of the Falk Ultramite family of products,
go to **www.rexnord.com**, where you'll find:
Product information • Brochures • Catalogs • Manuals
866-REXNORD/866-739-6673 (toll-free within the U.S.) or 414-643-2366 (Outside the U.S.)

Selection Guide 281-110, May 2013

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Basic Information

Safety Notes

Falk Gear Drives — The Falk and Rexnord name on the gear drive is the purchaser's assurance that the drive was engineered, rated and manufactured to sound design practices. When one prime mover drives two pieces of equipment, one of which is either a standard Rexnord geared drive or a customer standard geared drive, the division of power between each machine is the responsibility of the customer. The power supplied to the geared drive must be equal to or less than the power for which the drive was selected using the appropriate service factor for the application. The customer must also assume the responsibility of isolating the gear drive from any vibratory or transient load induced by the driven equipment.

Install and operate Rexnord products in conformance with applicable local and national safety codes and per Rexnord installation manuals which are shipped with gear drives and are also available on our website at www.rexnord.com. Suitable guards for rotating members may be purchased from Rexnord as optional accessories. Consult your local Rexnord Representative for complete details.

People Conveying Equipment — Selection of Rexnord gear drives for applications whose primary purpose is the transportation of people is not approved. This includes such applications as freight or passenger elevators, escalators, man lifts, work lift platforms and ski tows and ski lifts.

If the primary purpose of the application is material conveyance and occasionally people are transported, the Rexnord warranty may remain in effect provided the design load conditions are not exceeded and certification to the appropriate safety codes and load conditions has been obtained by the system designer or end user from the appropriate enforcement authorities.

Gear Drive Ratings — All gear drive ratings in this bulletin allow 100% overload for starting loads and momentary overloads for electric motor driven applications operating 10 hours per day under uniform conditions. For other conditions, compute an equivalent horsepower by multiplying the actual horsepower required for the application by the appropriate Service Factor.

Gear Drive Identification — Tables in this selection guide identify gear drives based on the drive nomenclature.

Horsepower & Torque/Gearmotor Drives — Gearmotor Drive mechanical horsepower and delivered torque ratings are tabulated only at 1750 rpm. Horsepower, output torque, and LSS OHL ratings for Gearmotor Drives do not always correspond to those of the comparable Inline Gear Drive of the same size, reduction, and ratio.

In selected cases the Gearmotor Drive will have more rating than the corresponding Inline Gear Drive. When additional rating for Gearmotor Drives at 1750 rpm input is available, it will be as stated in the Gearmotor Drive Selection Tables. For Gearmotor Drive ratings at input speeds other than 1750 rpm, consult the Factory.

Horsepower & Torque/Gear Drives — Gear Drive mechanical horsepower and output torque ratings are tabulated in the Selection Guide to permit selections for specific application requirements. When the required input speed falls between two tabulated input speeds of a specific drive designation (size, reduction and ratio), interpolate to determine drive rating.

Lubricants — Drive Sizes 201 thru 207UC will be supplied filled with a quantity of EP mineral oil suitable for the drive mounting position specified at the time of the order.

Drive Sizes 208 thru 10UC are supplied without lubricant. The appropriate fill quantities and lubricant recommendations are stated in Manual 288-100.

Stored & Inactive Gear Drives — Each gear drive is protected with rust preventive that will protect parts against rust for a period of 6 months in an indoor dry shelter.

Sizes 208 thru 10UC — If a gear drive is to be stored, or is inactive after installation beyond the above periods, drain oil from housing and spray all internal parts with a rust preventive oil that is soluble in lubricating oil or add "Motorstor"™ vapor phase rust inhibitor at the rate of one ounce per cubic foot of internal drive space (or 5% of sump capacity) and rotate the shafts several times by hand. Before operating, drives which have been stored or inactive must be filled to the proper level with oil meeting the specifications given in Manual 288-100. Refer to Manual 128-014 for "Start-up after Storage" instructions.

Periodically inspect stored or inactive gear drives and spray or add rust inhibitor every six months, or more often if necessary. Indoor dry storage is recommended.

Gear drives ordered for extended storage can be treated at the Factory with a special preservative and sealed to rust-proof parts for periods longer than those cited previously.

Factory Warranty — Factory products generally carry a limited, one-year warranty against defects in materials or workmanship; but for an actual statement of the Factory Warranty, ask your local Representative or Distributor for our Standard Conditions of Sale.

See warranty statement 100-003 on our website www.rexnord.com.

Conditions Affecting Selection

Non–Standard Application Procedures

The following conditions may affect the gear drive selection procedure, drive size and auxiliary equipment being furnished.

Excessive Overloads — The maximum momentary or starting load must not exceed 200% of rated load (100% overload). Rated load is defined as gear drive rating with a Service Factor of 1.0. If the maximum starting or momentary load exceeds the above conditions, compute a second equivalent horsepower by dividing the peak load by two. The gear drive selected must have capacity equal to, or in excess of, the larger equivalent horsepower.

Reversing Service — Applications involving either more than 20 reversals per 10 hour period, or less than 20 reversals per 10 hour period with peak torques greater than 200% of normal load must be referred to the Factory.

Stop and Start Service — Applications involving frequent stop and start overloads in access of 10 times per day must be referred to the Rexnord Factory.

Brake Equipped Applications — When a gear drive is equipped with a "working" brake that is used to decelerate the motion of the system and the brake is located between the prime mover and the gear drive or on the rear of the motor, select the drive based on the brake rating or the highest equivalent horsepower, whichever is greater. If the brake is used for holding only and is applied after the motion of the system has come to rest, the brake rating must be less than 200% of the catalog rating, refer the application to the Factory. Also refer to the Factory all applications in which the brake is located on the output shaft of the gear drive.

Oversize Prime Mover — Published Service Factors do not cover applications that require oversize prime movers for high energy or peak loads. Refer such applications to the Factory for selection of suitable drives.

Speed Variation — Gear drives offered in this Selection Guide are designed to operate with splash lubrication at all speeds for which they are catalogued, provided the appropriate amount of lubricant is present based on the drive mounting position (Refer to Manual 288-100 for oil quantity associated with each gear drive mounting position). Variation of speed between cataloged speeds, or at speeds falling between catalogued speeds, is permissible.

Lubrication of Sizes 201 thru 207UC — These sizes are furnished filled with a quantity of oil. Quantity of oil furnished is based on the customer identified drive mounting position stated at the time of order. Standard drive mounting positions are shown in this selection guide. These sizes have no oil fill plug, oil drain plug, or vent plug. Standard oil furnished with the gear drive is a petroleum based extreme pressure lubricant conforming to AGMA Viscosity Grade 6EP, ISO Viscosity Grade 320, and no further lubrication of the gear drive is required.

Lubrication of Sizes 208 thru 10UC — These sizes are furnished without oil. Customer oil fill is required. They are furnished with oil fill plug, oil drain plug, and vent plug. Lubricant quantity lubricant specifications, location of plugs, and recommended oil change frequency are stated in the Installation & Maintenance Guide 288-100.

Variable or Multi–Speed Applications – All Types — When selecting gear drives for multi-speed or variable speed application, determine the speed which develops the greatest torque and select the drive on this basis. If the speed is not listed in the selection table, use the next lower speed.

Effects of Solar Energy — If a drive operates in the sun at ambient temperatures over 100°F, then special measures must be taken to protect the drive from solar energy. This protection can consist of a canopy over the drive or reflective paint on the drive. If neither is possible, a heat exchanger or other cooling device maybe required.

Overhung Loads and Thrust Loads — The overhung load and thrust load ratings published in this bulletin are based on a combination of the most unfavorable conditions of rotation, speed, direction of applied load and drive loading. If the calculated load exceeds the published value, or if an overhung load and thrust load are applied simultaneously to a shaft, refer complete application information to the Rexnord Rexnord factory.

Non-Standard Mounting Positions — For non-standard mounting positions (other than those shown in this Selection Guide) refer to the Rexnord factory for lubricant level and quantity.

Double Seal Option — Certain applications may dictate the use of double seals. This option, provided at an additional charge, is furnished as follows:

Gearmotors — A double seal is available only at the low speed shaft.

Inline Drives — A double seal is furnished at both the high speed and low speed shafts.

General Information

- Rexnord standards apply unless otherwise specified.
- All dimensions are for reference only and are subject to change without notice unless certified.
- H.S. Shaft or HSS = High Speed Shaft.
- L.S. Shaft or LSS = Low Speed Shaft.

Reference Notes

★ Dimensions are for reference only and will vary with motor manufacturer.

† For higher ratio selections, consult the Rexnord factory. Check thermal input hp ratings. Selection tables are based on mechanical input hp ratings only.

‡ Thermal ratings are based upon the fitting of TEFC motor on gearmotors. For gear drives, consult the Rexnord factory.

UC – How to Select & Order Gearmotors

Before making any selections, refer to the Basic Information and Conditions Affecting Selections on Pages 3 and 4.

Selection of Gearmotors

1. Determine Service Factor — See Pages 8 & 9.
2. Determine Motor Horsepower.
3. Determine Gearmotor Output Speed and Ratio.
4. Gearmotor Selection tables are included on Pages 17 through 23 and 36 through 61. These tables assume a motor base speed of 1750 rpm. For ratings at other motor base speeds, consult your authorized Sales Representative.

   Go to the page that contains selections based on the specific C – Face motor you will be using. For example, selections for .50 hp, 1750 rpm, 56C frame motors are tabulated on Pages 40 & 41.

   Starting at the top of the first selection page pertinent to your motor requirement, move down the selections until a gearmotor meeting your output speed, ratio, reduction, and service factor requirements is located.

   For example consider an application with a .50 hp, 1750 rpm/56C frame motor, output speed of 47 rpm, nominal ratio of 36:1, and a required service factor of 2.00.

   Pages 40 & 41 contains selections for a .50 hp, 1750 rpm/56C frame motor.

   The Gearmotor 202UCBN2A36.A_A (base mounted) has an output speed of 48 rpm, exact ratio of 35.69:1, double reduction, and a service factor of 2.26 which meets our requirements. Choose your required configuration, a base mounted or flange mounted gearmotor and record the full nomenclature & part number.
5. Check thermal Rating — The application adjusted thermal rating must be equal or exceed the actual power transmitted(.50 hp). Ratings are based upon an ambient temperature of 68°F. If the actual ambient is different an ambient adjustment factor must be applied. Basic thermal ratings and ambient adjustment factors are included on page 81.
6. Check Overhung Load — The gearmotor selection tables provide the low speed shaft overhung capacity of the gearmotor selected. If overhung load is present, calculate the value of the overhung load per instructions on Page 70. Sprockets or other devices mounted on the output shaft of the gearmotor should be sized and positioned so the gearmotor overhung load capacities are not exceeded. Should applied overhung loads exceed the capacity of the initial gearmotor selected, a larger gearmotor of adequate capacity must be selected.
7. Check External Thrust Load — Permissible thrust loads are provided on Page 72. If thrust and overhung loads are applied simultaneously, or if loads exceed stated thrust capacities, consult your authorized Sales Representative.
8. Check Gearmotor Dimensions — Pages 62 through 69.
9. When ordering, provide the gear drive mounting position from Page 12. If a mounted motor is ordered, specify motor mounting position, also from Page 12.

Example

Application: Belt conveyor, heavy duty, head shaft speed is 24 rpm, ambient temperature of 86°F base mounted drive configuration is specified.

Duty Cycle: 16 hours per day.

Driver: ½ hp electric motor, 1750 rpm, 56C frame.

Output: 3" pitch diameter sprocket with a 2:1 chain drive. Sprocket is mounted on gearmotor output shaft such that the centerline of the overhung load is at the midpoint of the output shaft extension.

1. Service Factor from Page 9 is 1.50.
2. Motor Horsepower is .5 hp.
3. The head shaft speed must be multiplied by the chain drive ratio to obtain the drive output rpm (24 x 2 = 48 rpm) and ratio (1750 ÷ 48 = 36:1).
4. From selection guide on Page 40, the appropriate gearmotor is the Size 202UCBN2A36.A_A, part number 4767286 (base mounted), exact ratio 35.69:1, 2.26 service factor, and permissible overhung load equals 899 lb.
5. Check Thermal Rating — From Page 81, the thermal hp rating is 7.8 hp. Since the ambient temperature is 86°F you must apply an ambient adjustment factor to determine the application adjusted thermal rating.

   Application adjusted thermal hp = 7.8 x .86 = 6.7hp

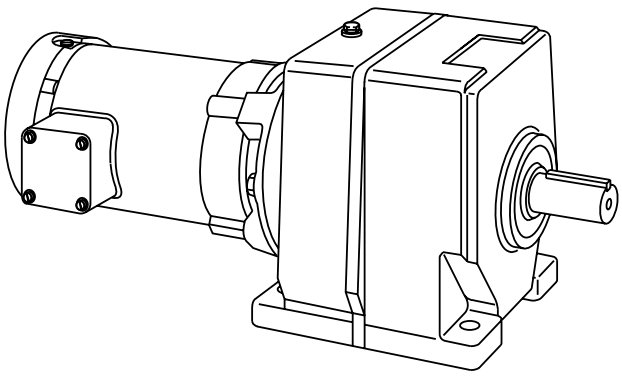
   The application adjusted hp rating of the gearmotor exceeds our motor hp requirements.
6. Overhung Load Check — Allowable overhung load from Page 40 is 899 lb. Calculate overhung load per instructions on Page 70.

   $$OHL = \frac{126000 \times .5 \text{ hp} \times 1.00 \times 1.00}{3 \times 48} = 438 \text{ lb}$$

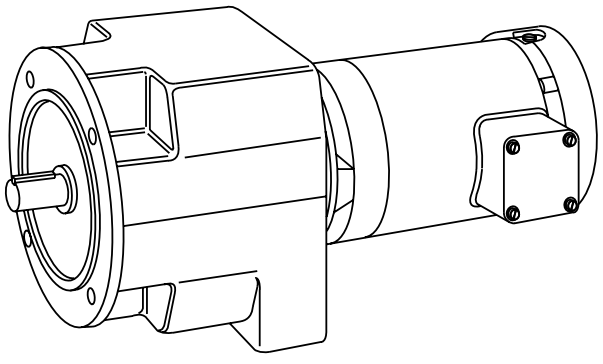
   The overhung load capacity of the gearmotor exceeds our calculated requirements.
7. Check External Thrust Load Capacity on Page 72 — For this example there is no external thrust.
8. Check Dimensions on Page 62.
9. Specify Drive Mounting Position and Motor Mounting Position (If Mounted Motor is Requested) from Page 12 — For our example, the gearmotor is mounted in drive mounting position #1, flat on the floor.

   Regarding mounting of NEMA C – Face motors, the most common motor mounting position is "C", with the nameplate upward and the conduit box wiring hole down.

BASE MOUNTED GEARMOTOR



FLANGE MOUNTED GEARMOTOR



UC – How to Select & Order Gear Drives

Before making any selections, refer to the Basic Information and Conditions Affecting Selections on Pages 3 and 4.

Selection of Gear Drives

1. Determine Service Factor — See Pages 8 & 9.
2. Determine Equivalent Horsepower — Calculate the equivalent hp by multiplying the motor hp by the service factor.
3. Determine Gear Drive Output Speed and Ratio.
4. Gear Drive Selection tables are included on Pages 73 through 80. Go to the page that contains selections based on your required input speed for the gear drive. For example, selections based an input speed of 1750 rpm are shown on Pages 75 and 76.

   Locate the table containing your required ratio, reduction and low speed shaft rpm & select the drive size with a mechanical rating equal to or exceeding your equivalent horsepower requirement.

   Having selected a gear drive size meeting your ratio, reduction and equivalent horsepower requirements, obtain nomenclature, exact ratio and Falk part number from Pages 82 through 87. Part number selected will depend on your mounting configuration (base mount or flange mount).
5. Check thermal rating. — The application adjusted thermal rating must be equal or exceed the actual power transmitted. Ratings are based upon an ambient temperature of 68°F. If the actual ambient is different , an ambient adjustment factor must be applied. Basic thermal ratings and ambient adjustment factors are included on Page 81.
6. Check Overhung Load — Tables on Page 71 provide the overhung load capacity of the gear drive selected. If overhung load is present calculate the value of the overhung load per instructions on Page 70.

   Sprockets or other devices mounted on the output shaft of the gear drive should be sized and positioned so the gear drive overhung load capacities are not exceeded. If applied overhung loads exceed the capacity of the initial gearmotor selected, a larger gear drive of adequate capacity must be selected.
7. Check External Thrust Load — Permissible thrust loads are provided on Page 72. If thrust and overhung loads are applied simultaneously, or if loads exceed stated thrust capacities, consult your authorized Sales Representative.
8. Check Gear Drive Dimensions — Pages 88 through 95.
9. When ordering, provide the drive mounting position from Page 12.

Example

Application: Belt conveyor, heavy duty, head shaft speed is 24 rpm, ambient temperature of 86°F, base mounted drive configuration is specified.

Duty Cycle: 16 hours per day.

Driver: ½ hp electric motor, 1750 rpm.

Output: 3" pitch diameter sprocket with a 2:1 chain drive. Sprocket is mounted on drive output shaft such that the centerline of the overhung load is at the midpoint of the output shaft extension.

1. Service Factor from Page 9 is 1.50.
2. Equivalent Horsepower is .5 x 1.5 = .75 hp.
3. The head shaft speed must be multiplied by the chain drive ratio to obtain the drive output rpm (24 x 2 = 48 rpm) and ratio (1750 ÷ 48 = 36:1).
4. From selection guide on Page 75, the appropriate gear drive exceeding your equivalent hp of .75 is the Size 202 with a service factor of 2.3.

   Complete designation of the gear drive is obtained from Page 82 (202UCBN2A36.N_, exact ratio 35.69 and part number 4767288).
5. Check Thermal Rating — From Page 81, the thermal hp rating is 7.8hp. Since the ambient temperature is 86°F you must apply an ambient adjustment factor to determine the application adjusted thermal rating.

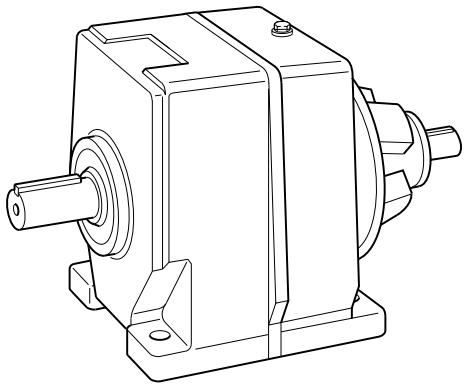
   Application adjusted thermal hp = 7.8 x .86 = 6.7hp

   The application adjusted hp rating of the gear drive exceeds our motor hp requirements.
6. Overhung Load Check — Allowable overhung load from Page 71 is 861 lb. Calculate overhung load per instructions on Page 70.

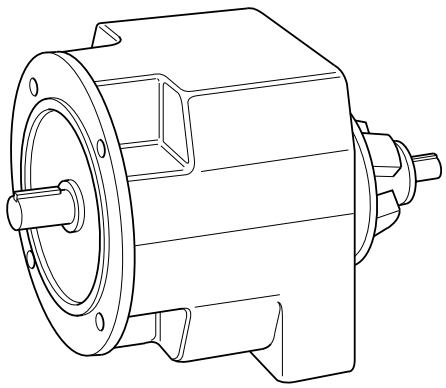
   $$OHL = \frac{126000 \times .5\ hp \times 1.00 \times 1.00}{3 \times 48} = 438\ lb$$

   The overhung load capacity of the gear drive exceeds our calculated requirements.
7. Check External Thrust Load Capacity on Page 72 — For this example there is no external thrust.
8. Check Dimensions on Page 88.
9. Specify Drive Mounting Position and Motor Mounting Position (If Mounted Motor is Requested) from Page 12 — For our example, the gearmotor is mounted in drive mounting position #1, flat on the floor.

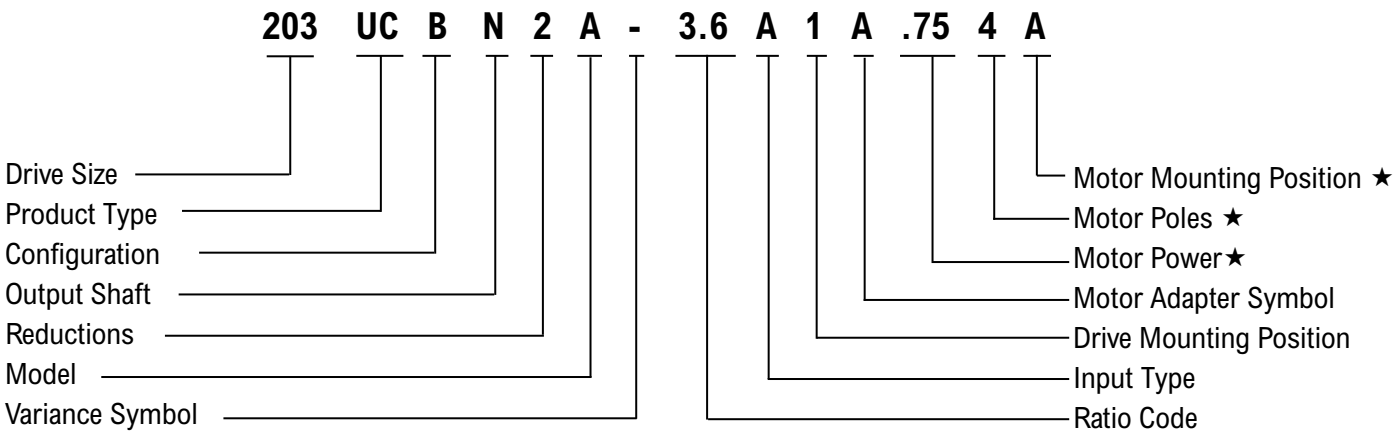
Base Mounted Gear Drive



Flange Mounted Gear Drive



UC – Drive Nomenclature



Low Ratio Drive Sizes
03, 04, 06, 07 & 08

Drive Sizes
201, 202, 203, 204, 205, 206, 207, 208, 09 & 10

Product Type
UC — Concentric Helical

Configuration
B — Base Mount

F — Flange Mount

Output Shaft
C — Metric

N —Inch

Reductions
2 — Double

3 — Triple

4 — Quadruple

5 — Quintuple

Model
A, B, C, etc.

Variance Symbol
Variance Symbol is omitted when Standard Mineral Lube and Single Seals are specified

A — Standard Mineral Lube and Double Seals

B — Synthetic Lube and Single Seals

C — Biodegradeable lube and Single Seals

D — Food Compatible Lube and Single Seals

E — Synthetic Lube with Double Seals

F — Biodegradeable Compatible Lube with Double Seals

G — Food compatible Lube with Double Seals

H — Backstop (Hold Back)

J — Cooling Fan - Shaft Driven

S — Multiple Variances or Special

Ratio Code, Three Characters, Refer to Pages 10 & 11
1.4 thru 4.5 Low Ratio Double Reduction – Sizes 03, 04, 06, 07 & 08

3.6 thru 56. Double Reduction – Sizes 201 - 208

1.4 thru 71. Double Reduction – Sizes 09 - 10

56 thru 250 Triple Reduction – Sizes 201 - 10

225 thru 27C Quadruple Reduction C=00 Sizes 203 - 10

27C thru 10K Quintuple Reduction K=000 Sizes 203 - 10

Input Type
A — Motor Adapter to Allow Fitting of Falk Std. NEMA Motor

G — Motor Adapter to Allow Fitting of Falk Std. IEC Motor

N — Inline Adapter (Inch)

C — Inline Adapter (Metric)

Drive Mounting Position, Refer to Page 12
Mounting Positions 1-6 for UCBN and 7-9 for UCFN

Motor Adapter Symbol, Refer to Page 14
A through W

Motor Power, Decimal Point Shown★
Horsepower – NEMA Motor

Kilowatts – IEC Motor

Motor Poles ★
2 — Poles, 3600 rpm @ 60 Hz, or 3000 rpm @ 50 Hz

4 — Poles, 1800 rpm @ 60 Hz, or 1500 rpm @ 50 Hz

6 — Poles, 1200 rpm @ 60 Hz, or 1000 rpm @ 50 Hz

8 — Poles, 900 rpm @ 60 Hz, or 750 rpm @ 50 Hz

Motor Mounting Position, Refer to Page 12 ★
When Viewed from L.S. Shaft of Base Mounted Drive with Mounting Feet Down

A — Conduit Box Horizontal on Right Side, 0°

B — Conduit Box Vertical on Bottom Side, 90°

C — Conduit Box Horizontal on Left Side, 180°

D — Conduit Box Vertical on Top Side of Drive 270°

★ Motor Power, Motor Poles and Motor Mounting Position are stamped on the nameplate only if the motor is furnished & fitted by the Factory.

Type UC Service Factors

A gear drive is rated to a specified application by the use of Service Factors. Each application has its own conditions and operating requirements. These have been analyzed and catalogued. Numerical values, based on field experience, have been assigned to these classifications for intermittent service of 3 to 10 hours per day and for service over 10 hours per day and also for the type of prime mover . . . electric motor or engine. Values for most applications are listed by Application on Page 9,Table 3 and by Industry at right, Table 2.

Examples — A comparison of three different applications, each operating 16 hours per day, will illustrate the function of Service Factors: an Assembly Conveyor, uniformly loaded (SF = 1.25), a Belt Conveyor, heavy duty (SF = 1.50) and a Laundry Washer (SF = 2.00). If each of these applications requires 10 hp, each drive is selected for a rating of 10 hp times the Service Factor — that is, for 12.5, 15 and 20 hp respectively. Thus, the Service Factor takes into consideration the varying conditions of operation: Laundry Washer service is relatively more severe than that of a uniformly loaded Assembly Conveyor, etc.

Application	Service	
	3 to 10 Hours	Over 10 Hours
Assembly Conveyors		
Uniformly Loaded or Fed	1.25	1.25
Belt Conveyors		
Heavy Duty	125	1.50
Laundry Washer	1.50	2.00

Since most industrial applications are electric motor driven, Service Factors are based on the use of electric motors. These factors can be easily converted to engine-drive factors as outlined in Table 1.

Service Factors are based on the assumption that the system is free of dynamic vibrations, as explained in the warranty section, and that maximum momentary or starting loads do not exceed 200% of the rated load.

Service Factors listed are recommended as minimum for general purpose use. Application of these service factors will result in normal drive reliability and life under typical operation conditions. Refer to the Factory any application not listed in Tables 2 or 3.

Applications involving unusual operating conditions or requirements such as, but not limited to, the following should also be referred to the Factory:

- Applications requiring extended life/High reliability exceeding normal
- High frequency starting
- Stalling or other high energy load absorption
- Torsional vibrations
- Frequent speed variations
- Reversing loads
- Extremes in ambient temperature

Occasional & Intermittent Service or Engine Driven Applications

For multi-cylinder engine driven applications and all applications operating intermittently up to 3 hours per day, refer to Table 2 or 3 for the Service Factor of the same application operating 3 to 10hours per day. Next, in the first column of Table 1, find this same Service Factor in bold face type. Then, to the right, under the desired hours service and prime mover, locate the converted Service Factor.

For example, from Table 3, the Service Factor is 1.25 for a uniformly loaded belt conveyor. From Table 1, for the same application the following are the Service Factors for various conditions.

1. Engine driven 3 to 10 hours per day; use 1.50 Service Factor.
2. Engine driven up to 3 hours intermittently; use 1.25 Service Factor.
3. Motor driven up to 3 hours intermittently; use 1.00 Service Factor.

Table 1 — Service Factor

Table 2 or 3 3 to 10 Hour Service Factor	3 to 10 Hours per Day	Over 10 Hours per Day		Intermittent - Up to 3 Hours per Day †	
	Multi-Cyl. Engine ‡	Motor	Multi-Cyl. Engine ‡	Motor	Multi-Cyl. Engine ‡
1.00	1.25	1.25	1.50	1.00	1.00
1.25	1.50	1.50	1.75	1.00	1.25
1.50	1.75	1.75	2.00	1.25	1.50
1.75	2.00	2.00	2.25	1.50	1.75
2.00	2.25	2.25	2.50	1.75	2.00

† For applications operating one half hour or less per day, and applications driven by single cylinder engine, refer to Factory.

‡ These service factors are based on the assumption that the system is free from serious critical and torsional vibrations, and that maximum momentary or starting loads do not exceed 200% of the normal load.

Table 2 — Type UC Service Factors Listed by

For electric motor, steam turbine or hydraulic motor drives. . . recommendations are MINIMUM and normal conditions are assumed.

Industry	Service 3 to 10 Hour	Service Over 10 Hour
BOTTLING AND BREWING		
Bottling Machinery	1.25	1.25
Brew Kettles, Continuous Duty	1.25	1.25
Can Filling machines	1.25	1.25
Cookers—Continuous Duty	1.25	1.25
Mash Tubs—Continuous Duty	1.25	1.25
Scale Hoppers—Frequent Starts	1.25	1.50
CLAY WORKING INDUSTRY		
Clay Working Machinery	1.25	1.50
Pug Mills	1.25	1.50
DISTILLING	See Bottling	
FOOD INDUSTRY		
Beet Slicers	1.25	1.50
Bottling, Can Filling Machine	1.25	1.25
Cereal Cookers	1.25	1.25
Dough Mixers, Meat Grinders	1.25	1.50
LUMBER INDUSTRY		
Conveyors		
Burner	1.25	1.50
Main or Heavy Duty	1.50	1.50
Re-Saw Merry-Go-Round	1.25	1.50
Slab	1.75	2.00
Transfer	1.25	1.50
Chains—Floor	1.50	1.50
Chains—Green	1.50	1.75
Cut-Off Saws—Chain & Drag	1.50	1.75
Feeds—Edger	1.25	1.50
Feeds—Gang	1.75	1.75
Feeds—Trimmer	1.25	1.50
Log Turning Devices	1.75	1.75
Planer Feed	1.25	1.50
Planer Tilting Hoists	1.50	1.50
Rolls–Live–Off Bearing–Roll Cases	1.75	1.75
Sorting Table, Tipple Hoist	1.25	1.50
Transfers—Chain & Craneway	1.75	2.00
Tray Drives	1.25	1.50
Veneer Lathe Drives	Refer to Factory	
OIL INDUSTRY		
Chillers	1.25	1.50
Paraffin Filter Press	1.25	1.50
Rotary Kilns	1.25	1.50
PAPER MILLS ★		
Agitator (Mixer)	...	1.50
Agitator for Pure Liquids	...	1.50
Beater	...	1.50
Breaker Stack	...	1.50
♦Calender	...	1.50
Chipper	...	2.00
Chip Feeder	...	1.50
Coating Rolls	...	1.50
Conveyors—		
Chip, Bark, Chemical	...	1.50
Couch Rolls	...	1.50
Cylinder molds	...	1.50
♦Dryers —		
Paper Mach. & Conveyor Type	...	1.50
Embosser	...	1.50
Extruder	...	1.50
Fourdrinier Rolls—		
Lumpbreaker, Wire Turning Dandy & Return Rolls	...	1.50
Jordan	...	1.50
Kiln Drive	...	1.50
Mt. Hope & Paper Rolls	...	1.50
Platter	...	1.50
Presses (Felt & Suction)	...	1.50
Reel (Surface Type)	...	1.50
Screens		
Chip & Rotary	...	1.50
Size Press	...	1.50
Thickener & Washer		
AC Motor	...	1.50
DC Motor	...	1.50
Vacuum Pumps	...	1.50
Wind & Unwind Stand	...	1.25
Winders (Surface Type)	...	1.25
PLASTIC INDUSTRY		
Batch Drop Mill, 2 smooth rolls	1.25	1.25
Calenders	1.50	1.50
Compounding Mills	1.25	1.25
Continuous Feed, Holding & Blend Mill	1.25	1.25
Intensive Internal Mixers		
Batch Mixers	1.75	1.75
Continuous Mixers	1.50	1.50
RUBBER INDUSTRY		
Batch Drop Mill, 2 smooth rolls	1.50	1.50
Calenders	1.50	1.50
Cracker Warmer—2 roll. 1 corrugated roll	1.75	1.75
Holding, Feed & Blend Mill—2 Roll	1.25	1.25
Intensive Internal Mixers		
Batch Mixers	2.00	2.00
Continuous Mixers	1.50	1.50
Mixing Mill—2 smooth rolls (if corrugated rolls are used. use Cracker Warmer service factors)	1.50	1.50
Refiner—2 roll	1.50	1.50
SEWAGE DISPOSAL		
Bar Screens	1.25	1.25
Chemical Feeders	1.25	1.25
Collectors	1.25	1.25
Dewatering Screens	1.50	1.50
Scum Breakers	1.50	1.50
Slow or Rapid Mixers	1.50	1.50
Thickeners	1.50	1.50
Vacuum Filters	1.50	1.50
TEXTILE INDUSTRY		
Batchers, Calenders	1.25	1.50
Card Machines	1.25	1.50
Dry Cans, Dryers	1.25	1.50
Dyeing Machinery	1.25	1.50
Looms, Mangles, Nappers, Pads	1.25	1.50
Slashers, Soapers, Spinners, Tenter Frames, Washers, Winders	1.25	1.50

★ Service Factors for paper mill applications are applied to the nameplate rating of the electric drive motor at the motor rated base speed and are consistent with those shown in TAPPI standards.

♦ Anti-friction bearings only.

TABLE 3 — Type UC Service Factors listed by Application

Application	Service 3 to 10 Hour	Service Over 10 Hour
AGITATORS		
Pure Liquids	1.25	1.25
Liquids & Solids	1.25	1.50
Liquids-Variable Density	1.25	1.50
APRON CONVEYORS		
Uniformly Loaded or Fed	1.25	1.50
Heavy Duty	1.25	1.50
APRON FEEDERS	1.25	1.50
ASSEMBLY CONVEYORS		
Uniformly Loaded or Fed	1.25	1.25
Heavy Duty	1.25	1.50
BALL MILLS	See Mills. Rotary	
BAR SCREENS (Sewage)	1.25	1.25
BATCHERS (Textile)	1.25	1.50
BELT CONVEYORS		
Uniformly Loaded or Fed	1.25	1.25
Heavy Duty	1.25	1.50
BELT FEEDERS	1.25	1.50
BENDING ROLLS (Machine)	1.25	1.50
BLOWERS		
Centrifugal	1.25	1.25
Lobe	1.25	1.50
Vane	1.25	1.50
BOTTLING MACHINERY	1.25	1.25
BREWING	See Table 2	
BUCKET		
Conveyors Uniform	1.25	1.50
Conveyors Heavy Duty	1.25	1.50
Elevators Continuous	1.25	1.50
Elevators Uniform	1.25	1.50
Elevators Heavy Duty	1.25	1.50
CALENDERS		
Rubber and Plastic	See Table 2	
Textile	1.25	1.50
CAN FILLING MACHINES	1.25	1.25
CARD MACHINES (Textile)	1.25	1.50
CAR PULLERS	1.25	1.50
CEMENT KILNS	See Mills. Rotary	
CENTRIFUGAL		
Blowers, Compressors, Discharge Elevators, Fans or Pumps	1.25	1.25
CHAIN CONVEYORS		
Uniformly Loaded or Fed	1.25	1.25
Heavy Duty	1.25	1.50
CHEMICAL FEEDERS (Sewage)	1.25	1.25
CLARIFIERS	1.25	1.25
CLASSIFIERS	1.25	1.50
CLAY WORKING	See Table 2	
COLLECTORS (Sewage)	1.25	1.25
COMPRESSORS		
Centrifugal	1.25	1.25
Lobe	1.25	1.50
Reciprocating		
Multi-Cylinder	1.50	1.75
Single-Cylinder	1.75	2.00
CONCRETE MIXERS		
Continuous	1.25	1.50
Intermittent	1.25	1.50

Application	Service 3 to 10 Hour	Service Over 10 Hour
★CONVEYORS—Uniformly loaded or Fed:		
Apron, Assembly, Belt, Bucket, Chain, Flight, Oven, Screw	1.25	1.25
★CONVEYORS—Heavy Duty. Not Uniformly Fed		
Apron, Assembly, Belt, Bucket, Chain, Flight, Oven, Screw	1.25	1.50
COOKERS (Brewing & Distilling), (food)	1.25	1.25
DEWATERING SCREENS (Sewage)	1.50	1.50
DISC FEEDERS	1.25	1.25
DISTILLING	See Table 2	
DOUBLE ACTING PUMPS		
2 or more Cylinders	1.25	1.50
DOUGH MIXER (Food)	1.25	1.50
DRAW BENCH (Metal Mills)		
Carriage & Main Drive	1.25	1.50
DRYERS & COOLERS (Mills. Rotary)	...	1.50
DYEING MACHINERY (Textile)	1.25	1.50
ELEVATORS		
Bucket-Uniform Load	1.25	1.50
Bucket-Heavy Duty	1.25	1.50
Bucket-Continuous	1.25	1.50
Centrifugal Discharge	1.25	1.25
★Escalators	Not Approved	
★Freight	Not Approved	
Gravity Discharge	1.25	1.25
★Man Lifts, Passenger	Not Approved	
EXTRUDERS (Plastic & Rubber)	See Table 2	
FANS		
Centrifugal	1.25	1.25
Forced Draft	...	1.25
Induced Draft	1.50	1.50
Large (Mine, etc.)	1.50	1.50
Large Industrial	1.50	1.50
Light (Small Diameter)	1.00	1.25
FEEDERS		
Apron. Belt	1.25	1.50
Disc	1.25	1.25
Screw	1.25	1.50
FLIGHT CONVEYORS		
Uniform	1.25	1.25
Heavy	1.25	1.50
FOOD INDUSTRY	See Table 2	
GENERATORS (Not Welding)	1.25	1.25
GRAVITY DISCHARGE ELEVATORS	1.00	1.25

Application	Service 3 to 10 Hour	Service Over 10 Hour
★HOISTS		
Medium Duty	1.25	1.50
Skip Hoist	1.25	1.50
INDUCED DRAFT FANS	1.25	1.50
KILNS	See Mills. Rotary	
LAUNDRY WASHERS	1.50	2.00
LAUNDRY TUMBLERS	1.25	1.50
LINE SHAFTS		
Driving Processing Equipment	1.25	1.50
Other Line Shafts, Light	1.25	1.25
LOBE BLOWERS OR COMPRESSORS	1.25	1.50
LOOMS (Textile)	1.25	1.50
LUMBER INDUSTRY	See Table 2	
MACHINE TOOLS		
Auxiliary Drives	1.25	1.25
Bending Rolls	1.25	1.50
Main Drives	1.25	1.50
Punch Press (Geared)	1.75	2.00
Tapping machines	1.75	2.00
MANGLE (Textile)	1.25	1.50
MASH TUBS (Brewing & Distilling)	1.25	1.25
MEAT GRINDERS (Food)	1.25	1.50
METAL MILLS		
Draw Bench Carriages & Main Drives	1.25	1.50
Pinch, Dryer & Scrubber Rolls, Reversing	Refer to Factory	
Slitters	1.25	1.50
Table Conveyors. Non-Reversing Group Drives	1.50	1.50
Wire Drawing & Flattening Machines	1.25	1.50
Wire Winding Machines	1.50	1.50
MILLS. ROTARY		
Pebble, Plain & Wedge Bar Mills	...	1.50
MIXER (Also see Agitators)		
Concrete, Cont. & Int.	1.25	1.50
Constant Density	1.25	1.50
Variable Density	1.25	1.50
NAPPERS (Textile)	1.25	1.50
OIL INDUSTRY	See Table 2	
OVEN CONVEYORS		
Uniform	1.25	1.25
Heavy Duty	1.25	1.50
PAPER MILLS	See Table 2	
PASSENGER ELEVATORS	Not Approved	
PEBBLE MILLS	...	1.50
PROPORTIONING PUMPS	1.25	1.50
PUG MILLS (Clay)	1.25	1.50

Application	Service 3 to 10 Hour	Service Over 10 Hour
PUMPS		
Centrifugal	1.25	1.25
Proportioning	1.25	1.50
Reciprocating		
Single Act., 3 or more Cyl.	1.25	1.50
Double Act., 2 or more Cyl.	1.25	1.50
Rotary: Gear, Lobe, Vane	1.25	1.25
RECIPROCATING COMPRESSORS		
Multl-Cylinder	1.50	1.75
ROTARY		
Pumps	1.25	1.25
Screens (Sand or Gravel)	1.25	1.50
RUBBER & PLASTICS INDUSTRIES	See Table 2	
SAND MULLERS	1.25	1.50
SCREENS		
Air Washing	1.00	1.25
Rotary—Sand or Gravel	1.25	1.50
Traveling Water Intake	1.00	1.25
SCREW CONVEYORS		
Uniform	1.25	1.25
Heavy Duty or Feeder	1.25	1.50
SCUM BREAKERS (Sewage)	1.50	1.50
SEWAGE DISPOSAL	See Table 2	
SHAKER CONVEYORS	1.75	2.00
SHEETERS (Rubber)	...	1.50
SINGLE ACTING PUMP		
3 or more Cylinders	1.25	1.50
★SKI TOWS & LIFTS	Not Approved	
★SKIP HOIST	1.25	1.50
SLAB PUSHERS	1.50	1.50
SLITTERS (Metal)	1.25	1.50
SLUDGE COLLECTORS (Sewage)	1.25	1.25
SOAPERS (Textile)	1.25	1.50
SPINNERS (Textile)	1.25	1.50
STEERING GEARS	Refer to Factory	
STOKERS	1.25	1.25
TABLE CONVEYORS (Non-Reversing)		
Group Drives	1.50	1.50
TENTER FRAMES (Textile)	1.25	1.50
TEXTILE INDUSTRY	See Table 2	
THICKENERS (Sewage)	1.50	1.50
VACUUM FILTERS (Sewage)	1.50	1.50
VANE BLOWERS	1.25	1.50
WINCHES (Dredges)	1.25	1.50
WINDERS (Textile)	1.25	1.50
WIRE		
Drawing Machines	1.25	1.50
Winding Machines	1.50	1.50

★ Selection of Rexnord products for applications whose primary purpose is the transportation of people is not approved. This includes such applications as freight or passenger elevators. If the primary purpose of the application is material conveyance and occasionally people are transported, the Factory warranty may remain in effect provided the design load conditions are not exceeded and certification to the appropriate safety codes and load conditions has been obtained by the system designer or end user from the appropriate enforcement authorities.

Contact your local representative for proper selection of a Falk RAM mixer drive.

UC – Exact Ratios

Low Ratio Double Reduction

Ratio Code (3 Characters)	Drive Size				
	03	04	06	07	08
1.4	1.440	1.454	1.446	1.453	1.449
1.8	1.945	2.039	2.033	2.013	2.054
2.2	2.213	2.247	2.278	2.261	2.282
2.5	2.507	2.552	2.557	2.486	2.538
2.8	. . .	2.815	2.812	. . .	. . .
3.2	3.206	3.241	3.248	3.247	3.282
4.0	. . .	3.949	3.953	. . .	. . .
4.5	4.361	4.537	4.392	4.484	4.599

Double Reduction

Ratio Code (3 Characters)	Drive Size									
	201	202	203	204	205	206	207	208	09	10
1.4	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	1.479	1.442
1.8	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	2.036	2.015
2.2	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	2.282	2.191
2.5	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	2.562	2.489
2.8	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	2.969	2.992
3.2	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	3.301	3.242
3.6	3.750	3.589	3.589	3.585	3.585	. . .	3.678	3.678	3.688	3.500
4.0	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	4.088	4.179
4.5	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	4.582	4.545
5.0	5.066	5.034	5.034	5.040	5.040	4.438	5.094	5.214	5.073	4.938
5.6	5.762	5.547	5.547	5.649	5.649	6.240	5.722	5.792	5.686	5.370
6.3	6.528	6.299	6.299	6.341	6.341	6.994	6.292	6.442	6.628	6.724
7.1	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	7.404	7.260
8.0	8.348	8.000	8.000	8.053	8.053	7.851	8.218	8.330	8.224	7.945
9.0	8.997	9.088	9.088	9.129	9.129	9.970	9.344	9.352	9.188	8.578
10.	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	10.27	10.59
11.	11.36	11.15	11.15	10.89	10.89	11.30	11.35	11.47	11.71	11.98
12.	12.88	12.37	12.37	12.54	12.54	13.48	12.48	12.92	12.74	12.51
14.	14.71	14.05	14.05	14.58	14.58	15.52	14.34	15.04	14.53	14.16
16.	16.37	15.97	15.97	16.31	16.31	18.05	16.26	16.69	16.59	16.43
18.	18.05	17.58	17.58	17.39	17.39	20.20	17.94	18.26	18.43	18.25
20.	19.86	20.23	20.23	20.61	20.61	21.53	20.54	20.66	20.59	19.41
22.	23.27	21.99	21.99	22.00	22.00	25.51	23.23	23.32	22.87	21.57
25.	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	26.04	26.03
28.	27.92	26.40	26.40	27.30	27.30	27.24	26.93	28.27	28.74	29.99
32.	32.54	31.68	31.68	32.19	32.19	33.80	32.12	32.97	32.31	30.76
36.	36.16	35.69	35.69	35.25	35.25	39.86	35.17	36.21	35.67	35.44
40.	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	40.25	37.06
45.	43.54	41.49	41.49	43.20	43.20	43.64	42.21	44.38	44.44	42.70
50.	49.91	47.09	47.09	48.15	48.15	53.49	48.56	48.46	49.07	47.93
56.	56.72	53.54	53.54	54.00	54.00	59.61	53.96	55.80	55.18	51.49
63.	. . .	. . .	. . .	. . .	. . .	66.86	. . .	. . .	61.13	57.75
71.	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	68.74	62.05

Triple Reduction

Ratio Code (3 Characters)	Drive Size									
	201	202	203	204	205	206	207	208	09	10
56.	58.46	57.03	57.03	58.38	58.38	. . .	58.95	60.33	59.85	60.23
63.	64.45	62.87	62.87	64.29	64.29	72.28	62.83	66.02	66.49	66.93
71.	70.93	69.19	69.19	73.95	73.95	79.60	74.47	74.69	74.26	71.17
80.	83.10	81.07	81.07	80.40	80.40	91.56	79.51	84.31	82.51	79.08
90.	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	93.92	95.44
100	99.70	97.26	97.26	96.52	96.52	99.54	98.66	102.2	103.7	110.0
112	116.2	113.4	113.4	115.8	115.8	119.5	116.3	119.2	116.5	112.8
125	129.1	126.0	126.0	130.5	130.5	143.4	127.4	130.9	128.7	129.9
140	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	145.2	135.9
160	155.5	151.7	151.7	151.7	151.7	161.6	156.1	160.4	160.3	156.6
180	178.2	173.9	173.9	172.2	172.2	187.8	174.0	175.2	177.0	175.7
200	202.6	197.6	197.6	195.8	195.8	213.2	195.2	201.8	199.0	188.8
225	. . .	. . .	. . .	. . .	. . .	242.4	. . .	. . .	220.5	211.8
250	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	248.0	227.5

UC – Exact Ratios

Quadruple Reduction

Ratio Code† (3 Characters)	Drive Size							
	203	204	205	206	207	208	09	10
225	235.0	232.8	232.8	. . .	229.0	228.9	231.1	220.3
250	261.4	260.5	260.5	. . .	259.7	259.0	258.2	242.2
280	287.8	277.6	277.6	272.9	286.4	301.2	300.2	278.3
300	317.3	305.7	305.7	313.9	315.4	337.0	335.8	315.6
360	365.0	362.3	362.3	365.1	361.2	359.2	358.1	348.2
400	401.7	416.8	416.8	396.9	415.5	425.7	424.4	398.7
450	436.7	445.0	445.0	444.1	469.8	480.5	471.4	443.0
500	511.7	483.8	483.8	533.1	510.7	513.0	503.1	501.1
650	614.2	600.3	600.3	568.2	592.1	621.9	624.4	580.9
730	736.9	720.7	720.7	681.9	710.8	771.8	736.2	692.8
860	884.3	849.8	849.8	808.1	847.8	900.0	882.1	828.4
10C	1031	1020	1020	972.2	1017	1061	1040	988.0
11C	1161	1117	1117	1130	1114	1166	1148	1138
13C	1291	1258	1258	1402	1255	1277	1340	1246
15C	1500	1542	1542	1592	1506	1564	1580	1540
18C	1807	1792	1792	1877	1751	1917	1730	1686
20C	2051	1998	1998	2055	2015	2094	2120	2023
24C	2350	2268	2268	2337	2287	2333	2363	2327
27C	2671	2578	2578	2519	2600	2617	2650	2586

† Ratio with letter C = 00. Example: 19C = 1900

Quadruple Reduction ♦

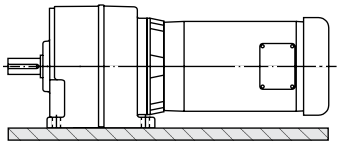
Ratio Code† (3 Characters)	Drive Size							
	203	204	205	206	207	208	09	10
27C	2632	2655	2655	2649	2619	2728	2598	2446
32C	3068	3095	3095	3088	3053	3274	3119	3035
36C	3681	3650	3650	3832	3641	3818	3742	3579
40C	4091	4055	4055	4258	4046	4302	4216	3919
46C	4609	4440	4440	5021	4430	4726	4655	4515
55C	5550	5347	5347	6046	5335	5494	5411	5533
65C	6452	6553	6553	6620	6403	6733	6742	6106
74C	7396	7511	7511	7588	7339	7641	7652	7483
84C	8394	8372	8372	8624	8443	8344	8449	8340
95C	9540	9514	9514	9300	9596	9486	9605	9354
10K	10845	10670	10670	10569	10662	10924	11966	10048

♦ Refer to the Factory.

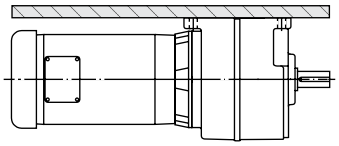
† Ratio with letter C = 00. Example: 19C = 1900.
Ratio with letter K = 000. Example: 12K = 12000.

UC – Drive Mounting Position

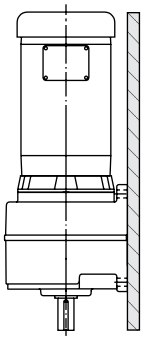
Mounting 1



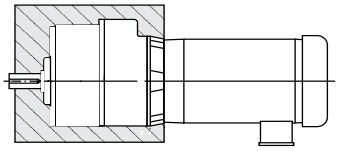
Mounting 4



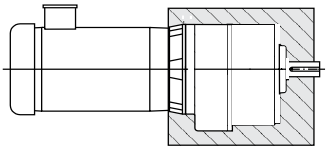
Mounting 5



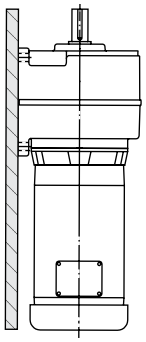
Wall Mounting 3



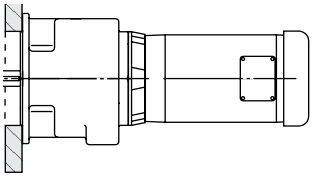
Wall Mounting 2



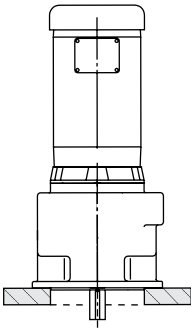
Mounting 6 ‡



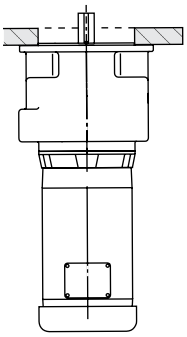
Mounting 7



Mounting 8



Mounting 9 ‡



‡ Use motor fitted with a seal.

UC – Motor Mounting Position

Conduit box position when viewed from L.S. shaft of base mounted drive with mounting feet down.

A - Conduit box horizontal on right side, 0°.

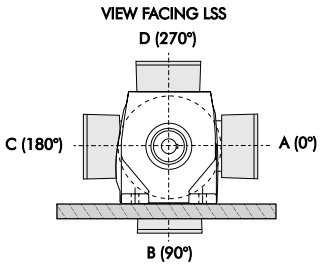
B - Conduit box vertical on bottom side, 90°.

C - conduit box horizontal on left side, 180°.

D - Conduit box vertical on top side, 270°.

Standard NEMA motor mounting position is “C”.

Standard IEC motor mounting position is “A”.



UC – Output Shaft Options

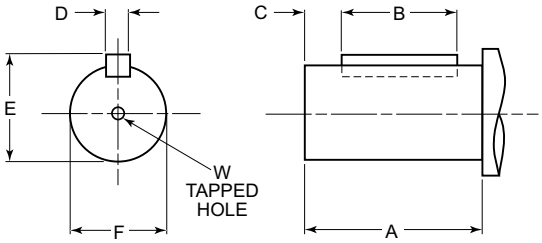


Table 5 — Low Ratio – Dimensions – Standard Shaft (in) — Metric Shaft (mm)

Drive Size	03		04		05		07		08	
Type of Output Shaft	Metric	Std. Shaft ■	Metric	Std. Shaft ■	Metric	Std. Shaft ■	Metric	Std. Shaft ■	Metric	Std. Shaft ■
Nomenclature Entry	C	N	C	N	C	N	C	N	C	N
Dimensions										
A	40	1.58	50	1.97	60	2.36	80	3.15	100	3.94
B	32	1.28	40	1.75	50	2.00	70	2.375	80	2.75
C	4	. . .	7	. . .	7	. . .	5	. . .	10	. . .
D	6	0.19	8	0.25	8	0.25	12	0.375	14	0.5
E	22.5	0.83	28	1.106	33	1.36	43	13.79	53.5	2.35
F	20 k6	0.7500 0.7495	25 k6	1.000 0.9995	30 k6	1.2500 1.2495	40 k6	1.6250 1.6240	50 k6	2.1250 2.1240
W	M6 x 1 16 Deep	1/4 UNF x 0.63 Deep	M10 x 1.5 22 Deep	1/4 UNF x 0.63 Deep	M10 x 1.5 22 Deep	3/8 UNF x 0.87 Deep	M16 x 2.0 36 Deep	5/8 UNF x 1.42 Deep	M16 x 2.0 36 Deep	5/8 UNF x 1.42 Deep

■ Standard shafts have an open ended keyway to ANSI standard B17.1 and therefore no dimension C. All other shafts shown have keyways in accordance with B S 4235: Part 1.

Available from stock.

Table 5A — Dimensions – Standard Shaft (in) — Metric Shaft (mm)

Drive Size	201		202		203		204		205	
Type of Output Shaft	Metric	Std. Shaft ■	Metric	Std. Shaft ■	Metric	Std. Shaft ■	Metric	Std. Shaft ■	Metric	Std. Shaft ■
Nomenclature Entry	C	N	C	N	C	N	C	N	C	N
Dimensions										
A	40	1.58	50	1.97	50	1.97	60	2.36	70	2.76
B	32	1.28	40	1.75	40	1.75	50	2.00	60	2.375
C	4	. . .	4	. . .	4	. . .	7	. . .	7	. . .
D	6	0.19	8	0.25	8	0.25	8	0.25	10	0.31
E	22.5	0.83	28	1.106	28	1.106	33	1.36	38	1.51
F	20 k6	0.7500 0.7495	25 k6	1.000 0.9995	25 k6	1.0000 0.9995	30 k6	1.2500 1.2495	35 k6	1.3750 1.3745
W	M6 x 1 16 Deep	1/4 UNF x 0.63 Deep	M10 x 1.5 22 Deep	1/4 UNF x 0.71 Deep	M10 x 1.5 22 Deep	1/4 UNF x 0.71 Deep	M10 x 1.5 22 Deep	3/8 UNF x 1.86 Deep	M12 x 1.75 28 Deep	3/8 UNF x 0.75 Deep

■ Standard shafts have an open ended keyway to ANSI standard B17.1 and therefore no dimension C. All other shafts shown have keyways in accordance with B S 4235: Part 1.

Available from stock.

Drive Size	206		207		208		09		10	
Type of Output Shaft	Metric	Std. Shaft ■	Metric	Std. Shaft ■	Metric	Std. Shaft ■	Metric	Std. Shaft ■	Metric	Std. Shaft ■
Nomenclature Entry	C	N	C	N	C	N	C	N	C	N
Dimensions										
A	70	2.76	80	3.15	100	3.94	120	4.72	140	5.51
B	60	2.375	70	2.375	80	2.75	100	3.69	110	4.625
C	7	. . .	5	. . .	10	. . .	10	. . .	15	. . .
D	10	0.31	12	0.375	14	0.5	18	0.625	20	0.750
E	38	1.51	43	1.78	53.5	2.34	64	2.65	74.5	3.20
F	35 k6	1.3750 1.3745	40 k6	1.6250 1.6240	50 k6	1.0000 0.9995	60 m6	2.3750 2.3740	70 m6	2.8750 2.8740
W	M12 x 1.75 28 Deep	3/8 UNF x 0.75 Deep	M16 x 2.0 36 Deep	1/4 UNF x 0.71 Deep	M16 x 2.0 36 Deep	1/4 UNF x 0.71 Deep	M20 x 2.5 42 Deep	3/4 UNF x 1.65 Deep	M20 x 2.5 42 Deep	3/4 UNF x 1.65 Deep

■ Standard shafts have an open ended keyway to ANSI standard B17.1 and therefore no dimension C. All other shafts shown have keyways in accordance with B S 4235: Part 1.

Available from stock.

UC – Motor Adapters

The ULTRAMITE concentric gearmotor accommodates NEMA (Input Type "A") or IEC (Input Type "G") motor frame sizes.

Tables 6 & 6A below and 7 on the next page identify the appropriate motor adapter symbol that pertains to specific motor frame size, drive size, ratio, and reduction combinations. If a motor adapter symbol is not listed for a particular combination of motor frame size, drive size, ratio, and reduction, then that combination is not offered.

For Gear Drives (Inputs Types "N" and "C"), the motor adapter symbol is not used.

TABLE 6 — Low Ratio – Input Type A – NEMA Motor Adapter Symbols

Motor Frame Size	Drive Size									
	03		04		06		07		08	
	Double		Double		Double		Double		Double	
	Ratio Range									
	1.4 - 9.0	10 - 71	1.4 - 14	16 - 71	1.4 - 9.0	10 - 71	1.4 - 9.0	10 - 71	1.4 - 14	16 - 71
56C	A	A	A	A	. . .	A	. . .	A	. . .	A
143TC/145TC	B	B	B	B	. . . .	B	. . .	B	. . .	B
182TC/184TC	C	. . .	C	. . .	C	C	C	C	C	C
213TC/215TC	. . .	. . .	. . .	. . .	D	. . .	D	D	D	D
254TC/256TC	. . .	. . .	. . .	. . .	. . .	. . .	E	. . .	E	E

TABLE 6A — Input Type A – NEMA Motor Adapter Symbols

Motor Frame Size	Drive Size														
	201			202			203			204			205		
	Double		Triple	Double		Triple	Double		Triple	Double		Triple	Double		Triple
	Ratio Range														
	3.6 - 9.0	11 - 56	56 - 200	3.6 - 14	16 - 56	56 - 200	3.6 - 14	16 - 56	56 - 200	3.6 - 11	12 - 56	56 - 200	3.6 - 11	12 - 56	56 - 200
56C	A	A	A	A	A	A	A	A	A	. . .	A	A	. . .	A	A
143TC/145TC	B	B	B	B	B	B	B	B	B	. . .	B	B	. . .	B	B
182TC/184TC	C	. . .	. . .	C	. . .	. . .	C	. . .	. . .	C	C	. . .	C	C	. . .
213TC/215TC	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	D	. . .	. . .	D	. . .	. . .

Motor Frame Size	Drive Size														
	206			207			208			09			10		
	Double		Triple	Double		Triple	Double		Triple	Double		Triple	Double		Triple
	Ratio Range														
	5.0 - 12	14 - 63	56 - 225	3.6 - 90	11 - 56	56 - 200	3.6 - 14	16 - 56	56 - 200	1.4 - 14	16 - 71	56 - 200	1.4 - 14	16 - 71	56 - 200
56C	. . .	A	A	. . .	A	A	. . .	A	A	. . .	. . .	A	. . .	. . .	. . .
143TC/145TC	. . .	B	B	. . .	B	B	. . .	B	B	. . .	. . .	B	. . .	. . .	. . .
182TC/184TC	C	C	. . .	C	C	C	C	C	C	. . .	C	C	. . .	C	C
213TC/215TC	D	. . .	. . .	D	D	. . .	D	D	D	. . .	D	. . .	. . .	D	D
254TC/256TC	. . .	. . .	. . .	E	. . .	. . .	E	E	. . .	E	E	. . .	E	E	E
284TC/286TC	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . . .	. . .	F	F	. . .	F	F	F
324TC/326TC	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	G	G	. . .	G	G	G

Table 7 — Low Ratio – Input Type G– IEC Motor Adapter Symbols

Motor Frame Size	Drive Size									
	03		04		05		07		08	
	Double		Double		Double		Double		Double	
	Ratio Range									
	1.4 - 9.0	10 - 71	1.4 - 14	16 - 71	1.4 - 9.0	10 - 71	1.4 - 9.0	10 - 71	1.4 - 14	16 - 71
63/D	**A**	**A**	. . .	**A**	. . .	A	. . .	. . .	. . .	. . .
71/D	B	B	. . .	B	. . .	B	. . .	. . .	. . .	. . .
71/C	**C**	C	. . .	C	. . .	C	. . .	. . .	. . .	. . .
80/D	D	D	D	D	D	D	. . .	D	. . .	D
80/C	**E**	**E**	**E**	**E**	E	E	. . .	E	. . .	. . .
90/D	F	F	F	F	F	F	. . .	F	. . .	F
90/C	G	G	G	G	G	G	. . .	G	. . .	. . .
100/D	. . .	. . .	. . .	. . .	H	H	H	H	H	H
100/C	J	J	J	J	J	J	J	J	. . .	. . .
112/D	. . .	. . .	. . .	. . .	K	K	K	K	K	K
112/C	M	M	M	M	M	M	M	M	. . .	. . .
132/D	. . .	. . .	. . .	. . .	N	N	N	N	N	N
132/C	. . .	. . .	. . .	. . .	P	P	P	P	. . .	. . .
160/D	. . .	. . .	. . .	. . .	. . .	. . .	R	R	R	R

Symbols in Bold Face – Gear Drive Sizes 03 & 04 furnished by Falk less motor will be furnished without lubricant.

TABLE 7A — Input Type G – IEC Motor Adapter Symbols

Motor Frame Size	Drive Size														
	201			202			203			204			205		
	Double		Triple	Double		Triple	Double		Triple	Double		Triple	Double		Triple
	Ratio Range														
	3.6 - 9.0	11 - 56	56 - 200	3.6 - 14	16 - 56	56 - 200	3.6 - 14	16 - 56	56 - 200	3.6 - 11	12 - 56	56 - 200	3.6 - 11	12 - 56	56 - 200
63/D	A	A	A	. . .	A	A	. . .	A	A	. . .	A	A	. . .	A	A
71/D	B	B	B	. . .	B	B	. . .	B	B	. . .	B	B	. . .	B	B
71/C	C	C	C	. . .	C	C	. . .	C	C	. . .	C	C	. . .	C	C
80/D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
80/C	E	E	E	E	E	E	E	E	E	. . .	E	E	. . .	E	E
90/D	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
90/C	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
100/D	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	H	H	. . .	H	H	. . .
100/C	J	J	. . .	J	J	. . .	J	J	. . .	J	J	. . .	J	J	. . .
112/D	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	K	K	. . .	K	K	. . .
112/C	M	M	. . .	M	M	. . .	M	M	. . .	M	M	. . .	M	M	. . .
132/D	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	N	N	. . .	N	N	. . .

Motor Frame Size	Drive Size														
	206			207			208			09			10		
	Double		Triple	Double		Triple	Double		Triple	Double		Triple	Double		Triple
	Ratio Range														
	5.0 - 12	14 - 63	56 - 225	3.6 - 90	11 - 56	56 - 200	3.6 - 14	16 - 56	56 - 200	1.4 - 14	16 - 71	56 - 200	1.4 - 14	16 - 71	56 - 200
63/D	. . .	A	A	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
71/D	. . .	B	B	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
71/C	. . .	C	C	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
80/D	D	D	D	. . .	D	D	. . .	D	D	. . .	D	D	. . .	. . .	D
80/C	. . .	E	E	. . .	E	E	. . .	. . .	E	. . .	. . .	. . .	. . .	. . .	. . .
90/D	F	F	F	. . .	F	F	. . .	F	F	. . .	F	F	. . .	. . .	F
90/C	. . .	G	G	. . .	G	G	. . .	. . .	G	. . .	. . .	. . .	. . .	. . .	. . .
100/D	H	H	. . .	H	H	H	H	H	H	. . .	H	H	. . .	H	H
100/C	J	J	. . .	J	J	. . .	. . .	. . .	J	. . .	. . .	. . .	. . .	. . .	. . .
112/D	K	K	. . .	K	K	K	K	K	K	. . .	K	K	. . .	K	K
112/C	M	M	. . .	M	M	. . .	. . .	. . .	M	. . .	. . .	. . .	. . .	. . .	. . .
132/D	N	N	. . .	N	N	. . .	N	N	N	. . .	N	. . .	. . .	N	N
132/C	. . .	. . .	. . .	P	P	. . .	. . .	. . .	P	. . .	. . .	. . .	. . .	. . .	. . .
160/D	. . .	. . .	. . .	R	R	. . .	R	R	R	R	R	. . .	R	R	R
180/D	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	T	T	. . .	T	T	T
200/D	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	U	U	. . .	U	U	U
225/D	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	W	W	. . .	W	W	W

Motor Detail (NEMA C-Face)

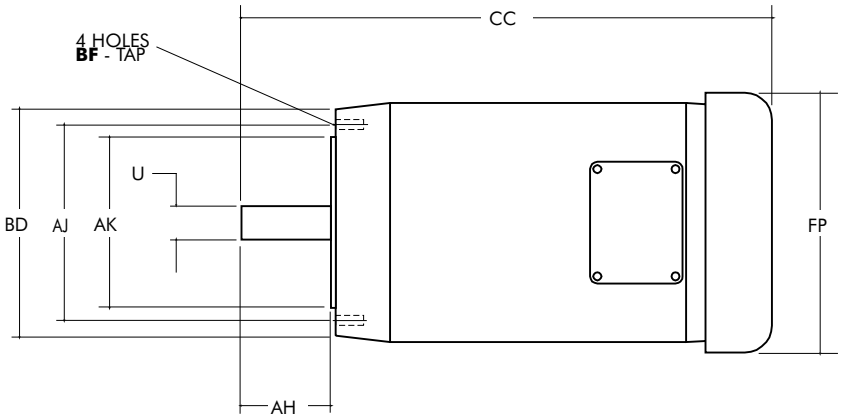


Table 8 — Typical Motor Dimensions – Inches

Motor Frame Size	BD	AJ	AK	U	AH	CC Max	FP	BF Tap UNC
56C	6.50	5.88	4.5	0.625	2.06	11.38	7.19	0.375-16
142TC/145TC	6.50	5.88	4.5	0.875	2.12	14.19	7.19	0.375-16

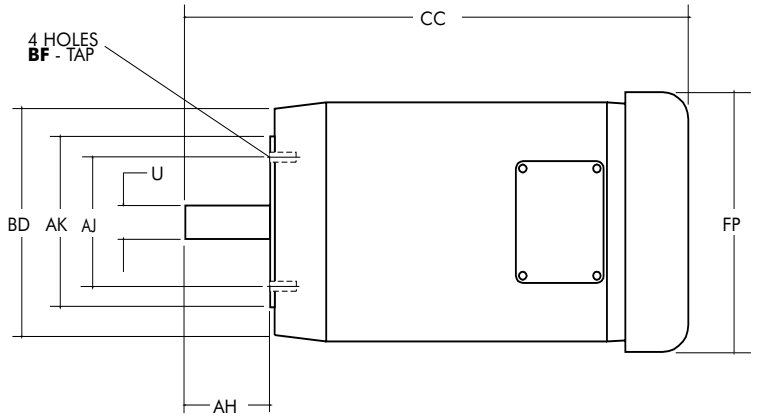
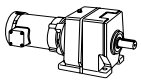
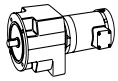


Table 9 — Typical Motor Dimensions – Inches

Motor Frame Size	BD	AJ	AK	U	AH	CC Max	FP	BF Tap UNC
182TC/184TC	9.00	7.25	8.5	1.125	2.63	18.06	8.50	0.50-13
213TC/215TC	9.00	7.25	8.5	1.375	3.13	19.44	10.19	0.50-13
254TC/256TC	10.00	7.25	8.5	1.625	3.75	23.63	12.50	0.50-13
284TC/286TC	11.25	9.00	10.5	1.875	4.38	27.56	15.56	0.50-13
324TC/326TC	13.38	11.00	12.5	2.125	5.00	30.25	16.94	0.63-11
364TC/365TC	13.38	11.00	12.5	2.375	5.63	32.56	19.00	0.63-11
404TC/405TC	13.88	11.00	12.5	2.875	7.00	36.88	20.63	0.63-11

UC — Low Ratio Gearmotor Selection Table





0.25 HP/1750 rpm/56C Frame Motor

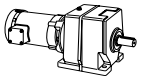
Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
1215	1.44	13	23.20	319	03UCBN2A1.4A_A	4740000	03UCFN2A1.4A_A	4740819
897	1.95	17	19.08	350	1.8	4740004	1.8	4740823
792	2.21	20	17.16	361	2.2	4740008	2.2	4740827
697	2.51	22	15.92	368	2.5	4740012	2.5	4740831
545	3.21	29	12.96	379	3.2	4740020	3.2	4740839
400	4.36	41	14.16	406	4.5	4769116	4.5	4769119

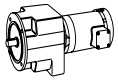
Motors are available from the Factory or Distributors.

0.25 HP/56C Motor Part No. 1940393 Conforms to the following specifications:

Eneryg Eggicient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B,1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.





0.33 HP/1750 rpm/56C Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
1215	1.44	17	17.58	318	03UCBN2A1.4A_A	4740000	03UCFN2A1.4A_A	4740819
897	1.95	23	14.45	349	1.8	4740004	1.8	4740823
792	2.21	26	13.00	360	2.2	4740008	2.2	4740827
697	2.51	30	12.06	366	2.5	4740012	2.5	4740831
545	3.21	38	9.82	377	3.2	4740020	3.2	4740839
400	4.36	54	10.73	404	4.5	4769116	4.5	4769119

Motors are available from the Factory or Distributors.

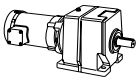
0.33 HP/56C Motor Part No. 1940394 Conforms to the following specifications:

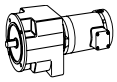
Eneryg Eggicient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz,NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Low Ratio Gearmotor Selection Table

0.50 HP/1750 rpm/56C Frame Motor





Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
1215	1.44	26	11.60	316	03UCBN2A1.4A_A	4740000	03UCFN2A1.4A_A	4740819
897	1.95	35	9.54	346	1.8	4740004	1.8	4740823
792	2.21	40	8.58	357	2.2	4740008	2.2	4740827
697	2.51	45	7.96	362	2.5	4740012	2.5	4740831
545	3.21	58	6.48	373	3.2	4740020	3.2	4740839
400	4.36	82	7.08	399	4.5	4769116	4.5	4769119

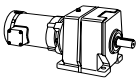
Motors are available from the Factory or Distributors.

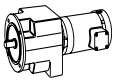
0.50 HP/56C Motor
Part No. 1940395 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz,NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

0.75 HP/1750 rpm/56C Frame Motor





Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
1215	1.44	39	7.73	313	03UCBN2A1.4A_A	4740000	03UCFN2A1.4A_A	4740819
897	1.95	53	6.36	342	1.8	4740004	1.8	4740823
792	2.21	60	5.72	352	2.2	4740008	2.2	4740827
697	2.51	68	5.31	357	2.5	4740012	2.5	4740831
545	3.21	87	4.32	367	3.2	4740020	3.2	4740839
400	4.36	124	4.72	391	4.5	4769116	4.5	4769119

Motors are available from the Factory or Distributors.

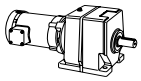
0.75HP/56C Motor
Part No. 1940396 Conforms to the following specifications:

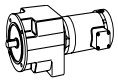
Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Low Ratio Gearmotor Selection Table

1.0 HP/1750 rpm/143C Frame Motor





Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
1215	1.44	52	5.80	310	03UCBN2A1.4A_B	4740001	03UCFN2A1.4A_B	4740820
897	1.95	71	4.77	338	1.8	4740005	1.8	4740824
792	2.21	80	4.29	348	2.2	4740009	2.2	4740828
697	2.51	91	3.98	351	2.5	4740013	2.5	4740832
545	3.21	117	3.24	360	3.2	4740021	3.2	4740840
400	4.36	165	3.54	383	4.5	4769117	4.5	4769120

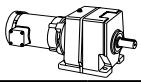
Motors are available from the Factory or Distributors.

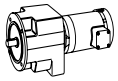
1.0 HP/143TC Motor Part No. 1940397 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B,1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

1.5 HP/1750 rpm/145C Frame Motor





Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
1215	1.44	78	3.87	304	03UCBN2A1.4A_B	4740001	03UCFN2A1.4A_B	4740820
897	1.95	106	3.18	331	1.8	4740005	1.8	4740824
792	2.21	121	2.86	339	2.2	4740009	2.2	4740828
697	2.51	137	2.65	340	2.5	4740013	2.5	4740832
545	3.21	175	2.16	348	3.2	4740021	3.2	4740840
400	4.36	248	2.36	368	4.5	4769117	4.5	4769120

Motors are available from the Factory or Distributors.

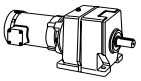
1.5 HP/145TC Motor Part No. 1940398 Conforms to the following specifications:

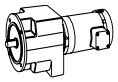
Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Low Ratio Gearmotor Selection Table

2.0 HP/1750 rpm/145TC Frame Motor





Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
1215	1.44	105	2.90	298	03UCBN2A1.4A_B	4740001	03UCFN2A1.4A_B	4740820
897	1.95	142	2.39	323	1.8	4740005	1.8	4740824
792	2.21	161	2.15	330	2.2	4740009	2.2	4740828
697	2.51	183	1.99	328	2.5	4740013	2.5	4740832
545	3.21	234	1.62	335	3.2	4740021	3.2	4740840
400	4.36	330	1.77	352	4.5	4769117	4.5	4769120
686	2.55	186	3.98	529	04UCBN2A2.5A_B	4740127	04UCFN2A2.5A_B	4740946
621	2.82	212	4.17	537	2.8	4740131	. . .	. . .
540	3.24	236	3.52	541	3.2	4740135	3.2	4740954
443	3.95	288	3.48	556	4.0	4740143	. . .	. . .
386	4.54	317	3.30	561	4.5	4769123	4.5	4769127

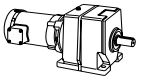
Motors are available from the Factory or Distributors.

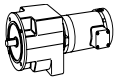
2.0 HP/145TC Motor Part No. 1940399 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz,NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

3.0 HP/1750 rpm/182TC Frame Motor





Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
1215	1.44	157	1.93	286	03UCBN2A1.4A_C	4740002	03UCFN2A1.4A_C	4740821
897	1.95	213	1.59	307	1.8	4740006	1.8	4740825
792	2.21	242	1.43	312	2.2	4740010	2.2	4740829
697	2.51	274	1.33	306	2.5	4740014	2.5	4740833
545	3.21	351	1.08	310	3.2	4740022	3.2	4740841
1207	1.45	159	3.03	440	04UCBN2A1.4A_C	4740116	04UCFN2A1.4A_C	4740935
858	2.04	223	2.90	486	1.8	4740120	1.8	4740939
778	2.25	246	2.84	498	2.2	4740124	2.2	4740943
686	2.55	279	2.65	512	2.5	4740128	2.5	4740947
621	2.82	308	2.78	523	2.8	4740132	. . .	. . .
540	3.24	355	2.34	518	3.2	4740136	3.2	4740955
443	3.95	432	2.32	532	4.0	4740144	. . .	. . .
386	4.54	476	2.20	535	4.5	4769124	4.5	4769128

Motors are available from the Factory or Distributors.

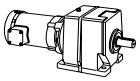
3.0 HP/182TC Motor Part No. 194044 Conforms to the following specifications:

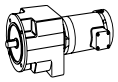
Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Low Ratio Gearmotor Selection Table

5.0 HP/1750 rpm/184TC Frame Motor





Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
1215	1.44	263	1.16	263	03UCBN2A1.4A_C	4740002	03UCFN2A1.4A_C	4740821
897	1.95	355	0.95	276	1.8	4740006	1.8	4740825
1207	1.45	265	1.82	420	04UCBN2A1.4A_C	4740116	04UCFN2A1.4A_C	4740935
858	2.04	372	1.74	458	1.8	4740120	1.8	4740939
778	2.25	410	1.70	467	2.2	4740124	2.2	4740943
686	2.55	466	1.59	478	2.5	4740128	2.5	4740947
621	2.82	514	1.67	490	2.8	4740132	. . .	. . .
540	3.24	592	1.41	474	3.2	4740136	3.2	4740955
443	3.95	721	1.39	485	4.0	4740144	. . .	. . .
386	4.54	794	1.32	483	4.5	4769124	4.5	4769128
1207	1.45	264	3.24	750	06UCBN2A1.4A_C	4740232	06UCFN2A1.4A_C	4741051
862	2.03	371	3.08	828	1.8	4740235	1.8	4741054
768	2.28	416	3.00	855	2.2	4740238	2.2	4741057
684	2.56	467	2.90	884	2.5	4740241	2.5	4741060
623	2.81	513	3.18	921	2.8	4740244	. . .	. . .
538	3.25	593	2.68	932	3.2	4740247	3.2	4741066
443	3.95	722	2.66	960	4.0	4740253	. . .	. . .
396	4.39	809	2.50	967	4.5	4769130	4.5	4769133

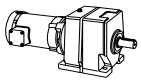
Motors are available from the Factory or Distributors.

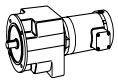
5.0 HP/184TC Motor Part No. 1940401 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

7.5 HP/1750 rpm/213TC Frame Motor





Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
1207	1.45	396	2.16	730	06UCBN2A1.4A_D	4740233	06UCFN2A1.4A_D	4741052
862	2.03	556	2.05	800	1.8	4740236	1.8	4741055
768	2.28	624	2.00	823	2.2	4740239	2.2	4741058
684	2.56	700	1.93	849	2.5	4740242	2.5	4741061
623	2.81	770	2.12	888	2.8	4740245	. . .	. . .
538	3.25	889	1.79	886	3.2	4740248	3.2	4741067
443	3.95	1083	1.77	914	4.0	4740254	. . .	. . .
396	4.39	1214	1.67	915	4.5	4769131	4.5	4769134
1207	1.45	398	2.83	973	07UCBN2A1.4A_D	4740350	07UCFN2A1.4A_D	4741169
871	2.01	551	2.83	1071	1.8	4740354	1.8	4741173
774	2.26	619	2.83	1109	2.2	4740358	2.2	4741177
703	2.49	681	2.83	1138	2.5	4740362	2.5	4741181
538	3.25	889	2.83	1226	3.2	4740370	3.2	4741189
391	4.48	1228	2.83	1290	4.5	4769139	4.5	4769144

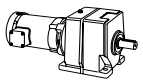
Motors are available from the Factory or Distributors.

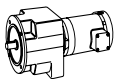
7.5 HP/213TC Motor Part No. 1940402 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Low Ratio Gearmotor Selection Table





10 HP/1750 rpm/215TC Frame Motor

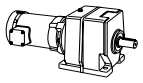
Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
1207	1.45	528	1.62	710	06UCBN2A1.4A_D	4740233	06UCFN2A1.4A_D	4741052
862	2.03	742	1.54	771	1.8	4740236	1.8	4741055
768	2.28	832	1.50	791	2.2	4740239	2.2	4741058
684	2.56	934	1.45	813	2.5	4740242	2.5	4741061
623	2.81	1027	1.59	854	2.8	4740245	. . .	. . .
538	3.25	1186	1.34	840	3.2	4740248	3.2	4741067
443	3.95	1444	1.33	867	4.0	4740254	. . .	. . .
395	4.43	1618	1.25	863	4.5	4769131	4.5	4769134
1207	1.45	530	2.12	957	07UCBN2A1.4A_D	4740350	07UCFN2A1.4A_D	4741169
871	2.01	735	2.12	1048	1.8	4740354	1.8	4741173
774	2.26	826	2.12	1083	2.2	4740358	2.2	4741177
703	2.49	908	2.12	1110	2.5	4740362	2.5	4741181
538	3.25	1186	2.12	1189	3.2	4740370	3.2	4741189
391	4.48	1637	2.12	1248	4.5	4769139	4.5	4769144
1207	1.45	529	3.29	2377	08UCBN2A1.4A_D	4740500	08UCFN2A1.4A_D	4741319
854	2.05	750	3.29	2673	1.8	4740504	1.8	4741323
768	2.28	833	3.29	2754	2.2	4740508	2.2	4741327
689	2.54	927	3.29	2844	2.5	4740512	2.5	4741331
534	3.28	1198	3.08	3095	3.2	4740520	3.2	4741339
382	4.59	1673	3.29	3369	4.5	4769147	4.5	4769151

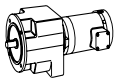
Motors are available from the Factory or Distributors.

10 HP/215TC Motor Part No. 1940403 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.





15 HP/1750 rpm/254TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
1207	1.45	780	1.41	924	07UCBN2A1.4A_E	4740351	07UCFN2A1.4A_E	4741170
871	2.01	1081	1.41	1003	1.8	4740355	1.8	4741174
774	2.26	1214	1.41	1031	2.2	4740359	2.2	4741178
703	2.49	1335	1.41	1054	2.5	4740363	2.5	4741182
538	3.25	1744	1.41	1116	3.2	4740371	3.2	4741190
1207	1.45	778	2.19	2357	08UCBN2A1.4A_E	4740501	08UCFN2A1.4A_E	4741320
854	2.05	1103	2.19	2640	1.8	4740505	1.8	4741324
768	2.28	1225	2.19	2714	2.2	4740509	2.2	4741328
689	2.54	1363	2.19	2804	2.5	4740513	2.5	4741332
534	3.28	1762	2.05	3042	3.2	4740521	3.2	4741340
382	4.59	2460	2.19	3303	4.5	4769148	4.5	4769152

Motors are available from the Factory or Distributors.

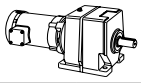
15 HP/254TC Motor Part No. 1940404 Conforms to the following specifications:

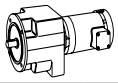
Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Low Ratio Gearmotor Selection Table

20 HP/1750 rpm/256TC Frame Motor





Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
1207	1.45	1040	1.06	892	07UCBN2A1.4A_E	4740351	07UCFN2A1.4A_E	4741170
871	2.01	1441	1.06	957	1.8	4740355	1.8	4741174
774	2.26	1619	1.06	980	2.2	4740359	2.2	4741178
703	2.49	1780	1.06	998	2.5	4740363	2.5	4741182
538	3.25	2325	1.06	1043	3.2	4740371	3.2	4741190
1207	1.45	1037	1.65	2337	08UCBN2A1.4A_E	4740501	08UCFN2A1.4A_E	4741320
854	2.05	1470	1.65	2607	1.8	4740505	1.8	4741324
768	2.28	1634	1.65	2675	2.2	4740509	2.2	4741328
689	2.54	1817	1.65	2765	2.5	4740513	2.5	4741332
534	3.28	2350	1.54	2989	3.2	4740521	3.2	4741340
382	4.59	3280	1.65	3237	4.5	4769148	4.5	4769152

Motors are available from the Factory or Distributors.

20 HP/256TC Motor Part No. 1940405 Conforms to the following specifications:

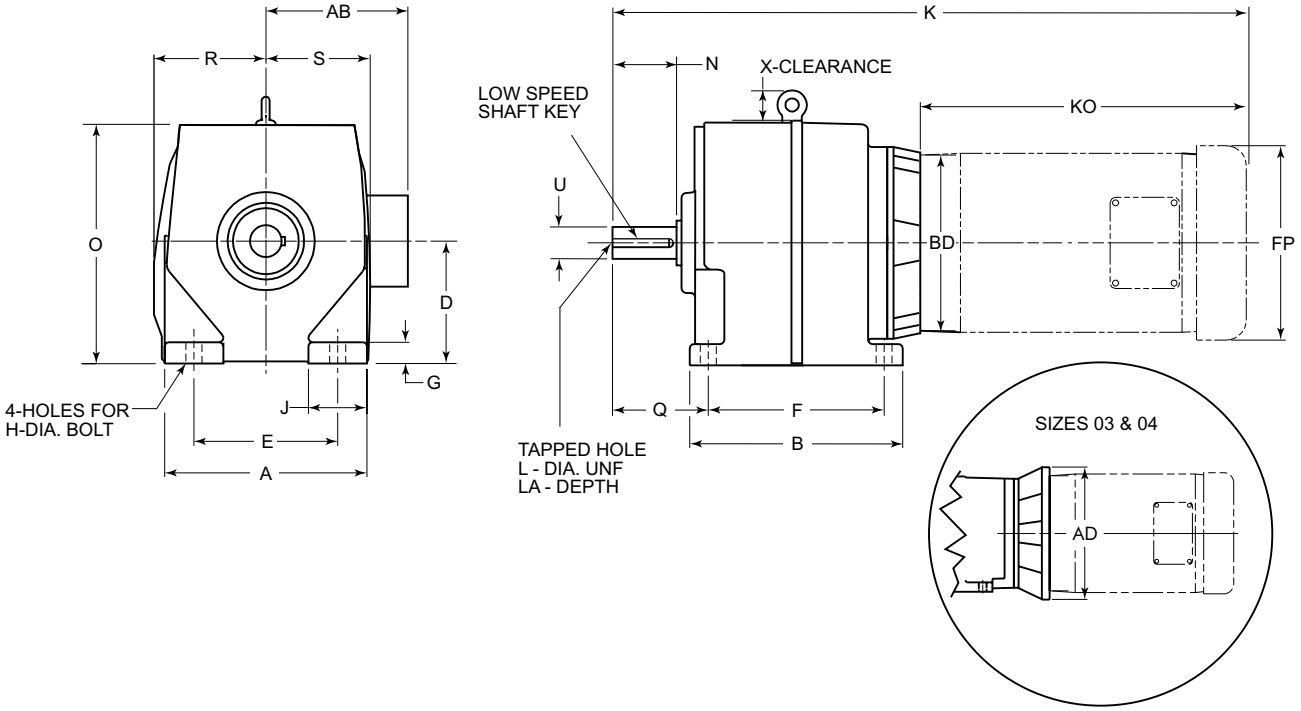
Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

Type UC Low Ratio Double Reduction Gearmotor

Sizes 03 – 08 — Dimensions – Inches

Base Mounted



SIZE ★	A	B	D	E	F	G	H	J	L	LA	N	O	Q	R	S	Low Speed Shaft		X
																U ‡	Key	
03	5.31	4.33	2.95	4.33	3.35	0.47	0.312	0.98	0.250	0.63	1.57	5.79	2.28	3.07	2.83	0.7500	.1875 x .1875 x 1.2812	. . .
04	5.71	6.30	3.54	4.33	5.12	0.63	0.312	1.38	0.250	0.63	1.97	7.01	2.95	3.31	2.95	1.0000	.2500 x .2500 x 1.7500	. . .
06	7.48	7.87	4.53	5.31	6.50	0.79	0.500	2.17	0.375	0.87	2.36	9.06	3.54	4.13	3.86	1.2500	.2500 x .2500 x 2.0000	. . .
07	9.06	9.65	5.51	6.69	8.07	0.98	0.625	2.36	0.625	1.42	3.15	10.83	4.53	5.12	4.69	1.6250	.3750 x .3750 x 2.3750	. . .
08	11.42	12.20	7.09	8.46	10.24	1.38	0.625	2.95	0.625	1.42	3.94	12.64	5.51	6.50	5.79	2.1250	.5000 x .5000 x 2.7500	1.61

‡ Sizes 03, 04 & 06 tolerance is +.0000, –.0005; Sizes 07 & 08 tolerance is +.0000, –.0010.

Typical NEMA Motor Dimensions ★

Frame Size	Drive Size									
	All Sizes					03	04	06	07	08
	AB	AD	BD	FP	KO (Max)	K (Max)	K (Max)	K (Max)	K (Max)	K (Max)
56C †	5.25	6.69	6.50	7.19	12.00	21.02	21.92	23.50	26.29	29.68
143TC/145TC †	5.25	6.69	6.50	7.19	12.06	21.09	21.98	23.56	26.35	29.74
182TC/184TC †	5.88	9.02	9.00	8.50	15.44	24.88	25.79	28.45	30.53	33.12
213TC/215TC	7.38	. . .	9.00	10.19	16.31	. . .	. . .	29.32	31.41	33.99
254TC/256TC	8.94	. . .	9.13	12.50	19.63	. . .	. . .	. . .	34.73	37.31

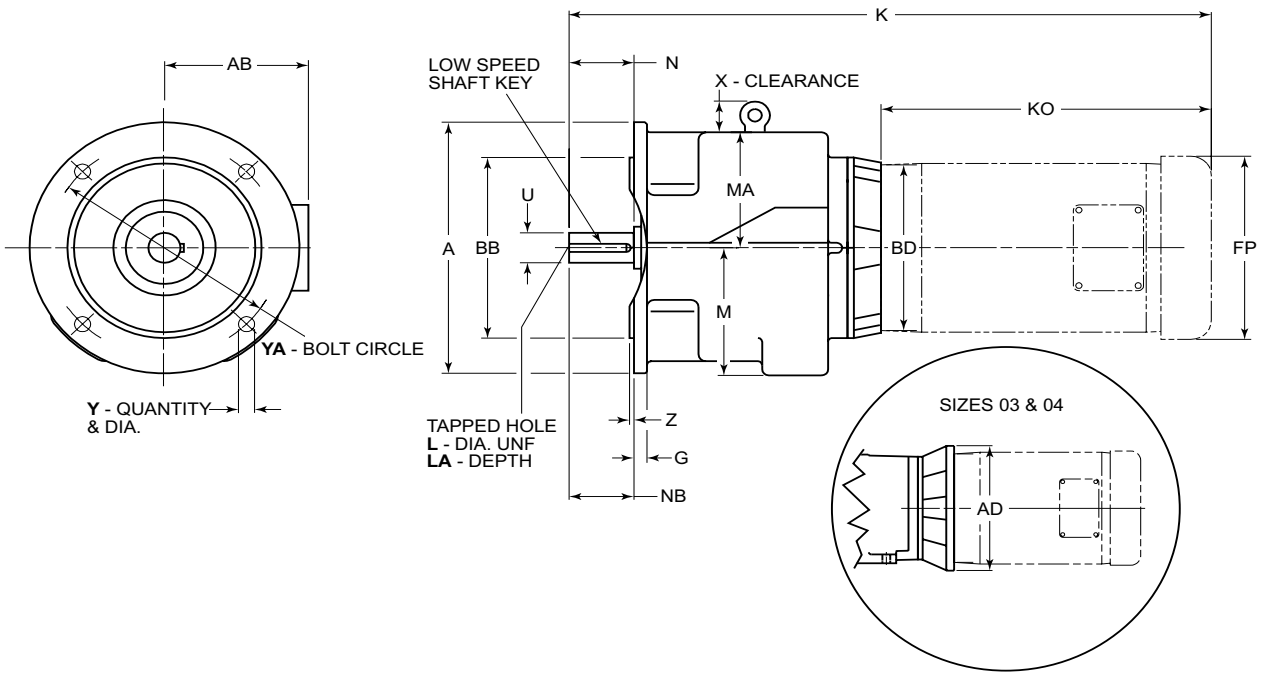
★ Refer to Page 4 for General Information and Reference Notes.

† Motor and dimension AD project below the base of the drive.

Type UC Low Ratio Double Reduction Gearmotor

Sizes 03 – 08 — Dimensions – Inches

Flange Mounted



SIZE ★	A	BB ●	G	L	LA	M	MA	N	NB	Low Speed Shaft		X	Y	YA	Z
										U ‡	Key				
03	6.30	4.3307	0.28	0.250	0.63	3.15	2.76	1.57	1.57	0.7500	.1875 x .1875 x 1.2812	. . .	4-0.39	5.12	0.14
04	7.87	5.1181	0.47	0.250	0.63	3.74	3.46	1.97	1.97	1.0000	.2500 x .2500 x 1.7500	. . .	4-0.47	6.50	0.14
06	9.84	7.0866	0.47	0.375	0.87	4.45	4.53	2.36	2.36	1.2500	.2500 x .2500 x 2.0000	. . .	4-0.59	8.46	0.16
07	11.81	9.0551	0.55	0.625	1.42	5.43	5.43	3.15	3.15	1.6250	.3750 x .3750 x 2.3750	. . .	4-0.59	10.43	0.16
08	13.78	9.8425	0.63	0.625	1.42	7.36	4.93	3.94	3.94	2.1250	.5000 x .5000 x 2.7500	1.61	4-0.71	11.81	0.20

● Size 03, tolerance is +.0000, –.0021; Sizes 04 & 06 tolerance is +.0000, –.0025; Sizes 07 & 08 tolerance is +.0000, –.0028.

‡ Sizes 03, 04 & 06 tolerance is +.0000, –.0005; Sizes 07 & 08 tolerance is +.0000, –.0010.

Typical NEMA Motor Dimensions ★

Frame Size	Drive Size									
	All Sizes					03	04	06	07	08
	AB	AD	BD	FP	KO (Max)	K (Max)	K (Max)	K (Max)	K (Max)	K (Max)
56C †	5.25	6.69	6.50	7.19	12.00	21.02	21.92	23.50	26.29	29.68
143TC/145TC †	5.25	6.69	6.50	7.19	12.06	21.09	21.98	23.56	26.35	29.74
182TC/184TC †	5.88	9.02	9.00	8.50	15.44	24.88	25.79	28.45	30.53	33.12
213TC/215TC	7.38	. . .	9.00	10.19	16.31	. . .	. . .	29.32	31.41	33.99
254TC/256TC	8.94	. . .	9.13	12.50	19.63	. . .	. . .	. . .	34.73	37.31

★ Refer to Page 4 for General Information and Reference Notes.

† Motor and dimension AD project below the base of the drive.

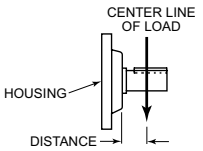
UC — Low Ratio Overhung Loads

High & Low Speed Shaft

Overhung load is imposed upon a shaft when a pinion, sprocket or sheave is used as a power take-off. The magnitude of the load varies with the type of take-off and its proximity to the shaft bearing. Calculate the load and check the result against the tabulated overhung load rating.

Overhung load formula:

$$\text{Overhung Load} = \frac{126{,}000 \times hp \times F_c \times L_f}{\text{Pitch Dia} \times rpm}$$



F_c = Load Connection Factor.

Sprocket or Timing Belt	1.00
Machined Pinion & Gear	1.25
V-Belt	1.50
Flat Belt	2.50

L_f = Load Location Factor.

For overhung loads applied at the midpoint of the usable shaft extension, $L_f = 1.00$

Locate the centerline of the load as close to the drive housing as practical to minimize the overhung load and increase bearing life. The above overhung load formula employs the transmitted horsepower, without Service Factor, providing the overloads, starting loads, and brake capacities do not exceed the amounts listed in Basic Information on Page 3.

Consult Factory for Higher Overhung Load Ratings — In many cases, overhung load capacity in excess of that published is available. Published ratings are based on a combination of the most unfavorable conditions of rotation, speed, direction of applied load, and drive loading. If the actual load should exceed the published capacity, refer full details to the Factory; provide complete application information, as well as direction of rotation, location and direction of applied load.

Gearmotor Overhung Load Capacity — The overhung load capacity at the low speed shaft is found in the Selection Tables on Pages 17 through 22.

Gear Drive Overhung Load Capacity — The overhung load capacity at the high speed shaft and low speed shaft are found on Page 27.

Example:

Gear Drive Size = 04UCBN2A40.N_, exact ratio of 39.37:1.

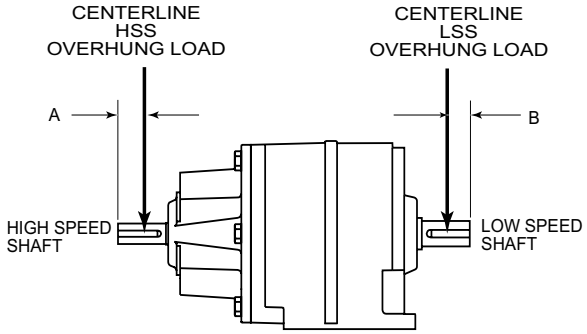
Motor = .50 hp at 1750 rpm.

Low speed shaft rpm = 1750 ÷ 39.37 = 44.4 rpm.

3" diameter sprocket mounted on low speed shaft. Centerline of sprocket overhung load is positioned at B = 0.98 inches. Calculate the overhung load as follows:

$$\text{OHL} = \frac{126{,}000 \times 50 \times 1.00 \times 1.00 = 473 \text{ lb}}{3 \times 44.4}$$

Allowable OHL on Page 27 is 770 lb and is satisfactory for this selection.



Double Reduction Usable Shaft Extension

Drive Size	No. of Reductions	HSS A (Inch)	LSS B (Inch)
03	2	0.79	0.79
04	2	0.79	0.98
06	2	0.79	1.18
07	2	0.98	1.57
08	2	1.18	1.97

UC – Low Ratio Gear Drive HSS Overhung Load Ratings/Pounds

Double Reduction
Consult Factory for higher overhung load ratings

Reduction	Ratio	Drive Size †				
		03	04	06	07	08
Double	4.5	344	314	310	402	648

† Published ratings are based on a combination of the most unfavorable conditions of loading. For higher ratings, refer full data to the Factory.

UC – Low Ratio Gearmotor & Gear Drive LSS Overhung Load Ratings/Pounds

Double Reduction
Consult Factory for higher overhung load ratings

Approx. L.S. Shaft rpm	Drive Size				
	03	04	06	07	08
1000	270	425	715	950	1820
630	290	450	790	1045	1845
500	300	455	805	1065	1845
400	320	460	810	1065	1865
320	340	465	830	1065	1890
250	360	485	880	1065	1910
200	385	505	900	1065	1910
160	385	525	945	1090	1935
125	385	555	990	1130	1980
100	385	620	1010	1275	2070
80	385	675	1075	1425	2745
63	385	760	1270	1615	2945
50	385	770	1360	1720	3505
40	385	770	1515	1860	4045
32	385	770	1590	2060	4990
25 ♦	385	770	1600	2090	4990

♦ The last overhung load value in each Drive Size column applies to all lower output speeds for that drive. Published ratings are based on a combination of the most unfavorable conditions of loading. For higher ratings, refer full data to the Factory.

UC – Low Ratio Gearmotor & Gear Drive LSS Thrust Loads/Pounds

Double Reduction

Axial Thrust Capacities/Inward or Outward

Thrust capacities tabulated refer to output shafts, and are calculated without any overhung loads being applied. In cases where combined axial thrusts and overhung loads are to be applied, refer to the Factory.

Approx. L.S. Shaft rpm	Drive Size				
	03	04	06	07	08
1000	390	635	1020	1390	1845
630	390	635	1200	1580	1845
500	390	635	1200	1580	1845
400	390	635	1200	1580	1845
320	390	635	1200	1580	1845
250	390	635	1200	1580	1845
200	390	635	1200	1580	1845
160	390	635	1200	1580	1845
125	390	635	1200	1580	1910
100	390	635	1270	1620	1910
80	390	635	1270	1620	1910
63	390	635	1270	1620	2405
50	390	635	1270	1620	2405
40	390	635	1270	1620	2405
32	390	635	1270	1620	2405
25 ♦	390	635	1270	1620	2405

♦ The last thrust capacity value in each Drive Size column applies to all lower output speeds for that drive.

UC — Low Ratio Gearmotor & Gear Drive Moments of Inertia

Double Reduction

WR^2 (lb-in^2) Referred to H.S. Shaft

Approx. L.S. Shaft rpm	Drive Size				
	03	04	06	07	08
1.4	0.77	2.43	7.50	20.62	34.03
1.8	0.51	1.37	4.22	11.75	20.58
2.2	0.44	1.17	3.51	9.72	17.85
2.5	0.38	0.96	2.93	8.43	15.53
2.8	0.44	1.20	3.94	9.64	23.13
3.2	0.30	0.67	2.06	5.59	11.32
3.6	0.29	0.57	1.73	4.66	9.90
4.0	0.33	0.75	2.42	6.02	15.15
4.5	0.29	0.66	2.08	5.18	13.46

Values shown in the table above are referred to the drive high speed shaft. The WR^2 referred to the low speed shaft equals the exact total ratio squared times the H.S. shaft WR^2.

UC — Low Ratio Gear Drive Horsepower & Torque Ratings

3500 High Speed Shaft rpm/Double Reduction

(Torque is in pound-inches at low speed shaft)

Ratio Code	Aprox. L.S.Shaft rpm	Horsepower Drive Size					Torque Drive Size				
		03	04	06	07	08	03	04	06	07	08
1.4	2500.00	9.23	14.50	25.90	42.30	65.70	231	364	647	1060	1640
1.8	1944.44	8.89	13.80	24.60	42.30	65.70	302	492	869	1480	2340
2.2	1590.91	8.35	13.60	23.90	42.30	65.40	322	532	949	1670	2600
2.5	1400.00	7.98	12.70	23.10	42.30	61.70	349	564	1030	1840	2730
2.8	1250.00	. . .	13.30	25.40	. . .	. . .	. . .	649	1240	. . .	. . .
3.2	1093.75	6.50	11.30	21.30	36.20	53.10	364	640	1210	2050	3040
4.0	875.00	. . .	11.10	21.20	. . .	. . .	. . .	761	1460	. . .	. . .
4.5	777.78	6.57	10.50	20.00	40.90	65.40	517	794	1540	3200	5210

Input mechanical hp rating exceeds thermal hp capacity.

When selecting gear drives by hp method, check required hp (without service factor) against the thermal hp ratings on Page 31.

When selecting gear drives by torque method, convert required torque (without service factor) to hp and check against the thermal hp ratings on Page 31.

2400 High Speed Shaft rpm/Double Reduction

(Torque Is In Pound-Inches At Low Speed Shaft)

Ratio Code	Aprox. L.S. Shaft rpm	Horsepower Drive Size					Torque Drive Size				
		03	04	06	07	08	03	04	06	07	08
1.4	1714.29	7.16	11.20	20.10	29.00	45.10	263	415	737	1070	1650
1.8	1333.33	6.55	10.70	19.10	29.00	45.10	325	559	988	1490	2350
2.2	1090.91	5.89	10.50	18.50	29.00	45.10	333	604	1080	1670	2620
2.5	960.00	5.46	9.82	17.90	29.00	45.10	350	640	1170	1840	2920
2.8	857.14	. . .	10.30	19.60	. . .	. . .	. . .	737	1400	. . .	. . .
3.2	750.00	4.45	8.77	16.50	28.10	41.30	364	726	1370	2340	3470
4.0	600.00	. . .	8.60	16.50	. . .	. . .	. . .	863	1660	. . .	. . .
4.5	533.33	4.69	8.14	15.50	29.00	45.10	540	901	1750	3310	5260

Input mechanical hp rating exceeds thermal hp capacity.

When selecting gear drives by hp method, check required hp (without service factor) against the thermal hp ratings on Page 31.

When selecting gear drives by torque method, convert required torque (without service factor) to hp and check against the thermal hp ratings on Page 31.

1750 High Speed Shaft rpm/Double Reduction

(Torque Is In Pound-Inches At Low Speed Shaft)

Ratio Code	Aprox. L.S. Shaft rpm	Horsepower Drive Size					Torque Drive Size				
		03	04	06	07	08	03	04	06	07	08
1.4	1250.00	5.80	9.08	16.20	21.20	32.90	292	461	820	1070	1650
1.8	972.22	4.77	8.69	15.40	21.20	32.90	325	622	1100	1490	2360
2.2	795.45	4.29	8.52	15.00	21.20	32.90	333	671	1200	1680	2630
2.5	700.00	3.98	7.95	14.50	21.20	32.90	350	712	1300	1840	2920
2.8	625.00	. . .	8.34	15.90	. . .	. . .	. . .	819	1560	. . .	. . .
3.2	546.88	3.24	7.03	13.40	21.20	32.90	356	800	1530	2410	3790
4.0	437.50	. . .	6.96	13.30	. . .	. . .	. . .	960	1840	. . .	. . .
4.5	388.89	3.54	6.59	12.50	21.20	32.90	560	1000	1940	3320	5270

Input mechanical hp rating exceeds thermal hp capacity.

When selecting gear drives by hp method, check required hp (without service factor) against the thermal hp ratings on Page 31.

When selecting gear drives by torque method, convert required torque (without service factor) to hp and check against the thermal hp ratings on Page 31.

UC — Low Ratio Gear Drive Horsepower & Torque Ratings

1430 High Speed Shaft rpm/Double Reduction

(Torque is in pound-inches at low speed shaft)

Ratio Code	Aprox. L.S. Shaft rpm	Horsepower					Torque				
		Drive Size					Drive Size				
		03	04	06	07	08	03	04	06	07	08
1.4	1021.43	4.82	8.00	14.30	17.50	27.20	293	492	874	1070	1660
1.8	794.44	3.95	7.66	13.60	17.50	27.20	325	662	1170	1490	2360
2.2	650.00	3.56	7.51	13.20	17.50	27.20	333	715	1280	1680	2630
2.5	572.00	3.30	7.01	12.80	17.50	27.20	350	758	1390	1850	2930
2.8	510.71	. . .	7.35	14.00	. . .	. . .	. . .	873	1660	. . .	. . .
3.2	446.88	2.69	5.83	11.80	17.50	27.20	365	800	1630	2410	3790
4.0	357.50	. . .	6.13	11.70	. . .	. . .	. . .	1020	1960	. . .	. . .
4.5	317.78	3.00	5.81	11.00	17.50	27.20	573	1070	2070	3320	5270

1170 High Speed Shaft rpm/Double Reduction

(Torque Is In Pound-Inches at Low Speed Shaft)

Ratio Code	Aprox. L.S. Shaft rpm	Horsepower					Torque				
		Drive Size					Drive Size				
		03	04	06	07	08	03	04	06	07	08
1.4	835.71	3.85	6.89	12.30	14.00	21.80	293	530	942	1070	1660
1.8	650.00	3.16	6.60	11.70	14.00	21.80	325	714	1260	1490	2370
2.2	531.82	2.84	6.40	11.40	14.00	21.80	333	763	1380	1680	2630
2.5	468.00	2.64	5.72	10.90	14.00	21.80	350	774	1480	1850	2930
2.8	417.86	. . .	6.33	12.10	. . .	. . .	. . .	941	1790	. . .	. . .
3.2	365.63	2.15	4.66	9.85	14.00	21.80	365	801	1700	2420	3800
4.0	292.50	. . .	5.28	10.10	. . .	. . .	. . .	1100	2110	. . .	. . .
4.5	260.00	2.41	5.00		14.00	21.80	576	1150	2230	3320	5280

870 High Speed Shaft rpm/Double Reduction

(Torque Is In Pound-Inches at Low Speed Shaft)

Ratio Code	Aprox. L.S. Shaft rpm	Horsepower					Torque				
		Drive Size					Drive Size				
		03	04	06	07	08	03	04	06	07	08
1.4	621.43	2.90	5.53	10.20	10.60	16.40	293	565	1040	1080	1670
1.8	483.33	2.38	5.18	9.59	10.60	16.40	325	743	1370	1500	2370
2.2	395.45	2.14	4.83	9.22	10.60	16.40	333	763	1480	1680	2640
2.5	348.00	1.99	4.32	8.23	10.60	16.40	350	774	1480	1850	2940
2.8	310.71	. . .	5.24	9.98	. . .	. . .	. . .	1030	1970	. . .	. . .
3.2	271.88	1.62	3.51	7.75	10.60	16.40	365	801	1770	2420	3800
4.0	217.50	. . .	4.24	8.37	. . .	. . .	. . .	1170	2320	. . .	. . .
4.5	193.33	1.82	3.94	7.72	10.60	16.40	576	1200	2400	3330	5280

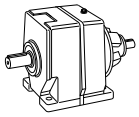
500 High Speed Shaft rpm/Double Reduction

(Torque Is In Pound-Inches at Low Speed Shaft)

Ratio Code	Aprox. L.S. Shaft rpm	Horsepower					Torque				
		Drive Size					Drive Size				
		03	04	06	07	08	03	04	06	07	08
1.4	357.14	1.66	3.16	5.90	6.04	9.39	294	565	1050	1080	1670
1.8	277.78	1.36	2.96	5.48	6.04	9.39	326	744	1370	1500	2380
2.2	227.27	1.22	2.76	5.27	6.04	9.39	333	764	1480	1680	2640
2.5	200.00	1.14	2.46	4.70	6.04	9.39	350	775	1480	1850	2940
2.8	178.57	. . .	3.16	5.90	. . .	. . .	. . .	1090	2040	. . .	. . .
3.2	156.25	0.93	2.01	4.56	6.04	9.39	365	801	1830	2420	3810
4.0	125.00	. . .	2.67	5.22	. . .	. . .	. . .	1290	2540	. . .	. . .
4.5	111.11	1.04	2.50	4.84	6.04	9.39	576	1330	2640	3330	5290

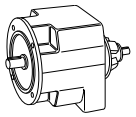
UC — Low Ratio Gear Drive Part Numbers

Base Mounted Double Reduction



Drive Size	Ratio Code	Exact Ratio	Drive Designation	Drive Part No.
03	1.4	1.440	03UCBN2A1.4N_	4740003
03	1.8	1.945	03UCBN2A1.8N_	4740007
03	2.2	2.213	03UCBN2A2.2N_	4740011
03	2.5	2.507	03UCBN2A2.5N_	4740015
03	3.2	3.206	03UCBN2A3.2N_	4740023
03	4.5	4.361	03UCBN2A4.5N_	4769118
04	1.4	1.454	04UCBN2A1.4N_	4740117
04	1.8	2.039	04UCBN2A1.8N_	4740121
04	2.2	2.247	04UCBN2A2.2N_	4740125
04	2.5	2.552	04UCBN2A2.5N_	4740129
04	2.8	2.815	04UCBN2A2.8N_	4740133
04	3.2	3.241	04UCBN2A3.2N_	4740137
04	4.0	3.949	04UCBN2A4.0N_	4740145
04	4.5	4.537	04UCBN2A4.5N_	4769125
06	1.4	1.446	06UCBN2A1.4N_	4740234
06	1.8	2.033	06UCBN2A1.8N_	4740237
06	2.2	2.278	06UCBN2A2.2N_	4740240
06	2.5	2.557	06UCBN2A2.5N_	4740243
06	2.8	2.812	06UCBN2A2.8N_	4740246
06	3.2	3.248	06UCBN2A3.2N_	4740249
06	4.0	3.953	06UCBN2A4.0N_	4740255
06	4.5	4.392	06UCBN2A4.5N_	4769132
07	1.4	1.453	07UCBN2A1.4N_	4740352
07	1.8	2.013	07UCBN2A1.8N_	4740356
07	2.2	2.261	07UCBN2A2.2N_	4740360
07	2.5	2.486	07UCBN2A2.5N_	4740364
07	3.2	3.247	07UCBN2A3.2N_	4740372
07	4.5	4.483	07UCBN2A4.5N_	4769140
08	1.4	1.449	08UCBN2A1.4N_	4740502
08	1.8	2.054	08UCBN2A1.8N_	4740506
08	2.2	2.282	08UCBN2A2.2N_	4740510
08	2.5	2.538	08UCBN2A2.5N_	4740514
08	3.2	3.282	08UCBN2A3.2N_	4740522
08	4.5	4.580	08UCBN2A4.5N_	4769149

Flange Mounted Double Reduction



Drive Size	Ratio Code	Exact Ratio	Drive Designation	Drive Part No.
03	1.4	1.440	03UCFN2A1.4N_	4740822
03	1.8	1.945	03UCFN2A1.8N_	4740826
03	2.2	2.213	03UCFN2A2.2N_	4740830
03	2.5	2.507	03UCFN2A2.5N_	4740834
03	3.2	3.206	03UCFN2A3.2N_	4740842
03	4.5	4.361	03UCFN2A4.5N_	4769121
04	1.4	1.454	04UCFN2A1.4N_	4740936
04	1.8	2.039	04UCFN2A1.8N_	4740940
04	2.2	2.247	04UCFN2A2.2N_	4740944
04	2.5	2.552	04UCFN2A2.5N_	4740948
04	3.2	3.241	04UCFN2A3.2N_	4740956
04	4.5	4.537	04UCFN2A4.5N_	4769129
06	1.4	1.446	06UCFN2A1.4N_	4741053
06	1.8	2.033	06UCFN2A1.8N_	4741056
06	2.2	2.278	06UCFN2A2.2N_	4741059
06	2.5	2.557	06UCFN2A2.5N_	4741062
06	3.2	3.248	06UCFN2A3.2N_	4741068
06	4.5	4.392	06UCFN2A4.5N_	4769135
07	1.4	1.453	07UCFN2A1.4N_	4741171
07	1.8	2.013	07UCFN2A1.8N_	4741175
07	2.2	2.261	07UCFN2A2.2N_	4741179
07	2.5	2.486	07UCFN2A2.5N_	4741183
07	3.2	3.247	07UCFN2A3.2N_	4741191
07	4.5	4.483	07UCFN2A4.5N_	4769145
08	1.4	1.449	08UCFN2A1.4N_	4741321
08	1.8	2.054	08UCFN2A1.8N_	4741325
08	2.2	2.282	08UCFN2A2.2N_	4741329
08	2.5	2.538	08UCFN2A2.5N_	4741333
08	3.2	3.282	08UCFN2A3.2N_	4741341
08	4.5	4.580	08UCFN2A4.5N_	4769153

UC — Low Ratio Gear Drive Thermal Horsepower Ratings ‡

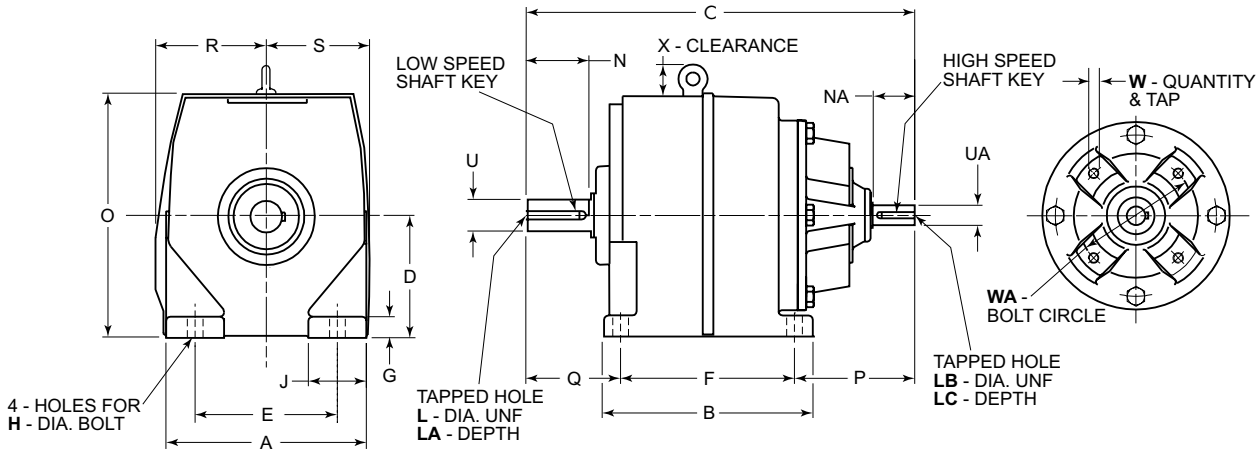
Overall Ratios	High SpeedShaft rpm	Drive Size				
		03	**04**	**06**	**07**	**08**
1.4 to 5.6	3500	3.1	4.4	7.4	10.8	16.5
	2400	4.4	6.3	10.4	15.2	23.2
	1750	5.5	7.9	13.1	19.3	29.5
	<1450	5.5	8.0	13.3	19.4	29.8

‡ Thermal hp ratings are based on standard horizontal (Mounting #1) position. For ratings in the other positions, consult the Factory.

Type UC Low Ratio Double Reduction Gear Drive

Sizes 03 – 08 — Dimensions – Inches

Base Mounted



Size ★	A	B	C	D	E	F	G	H	J	L	LA	LB	LC
03	5.31	4.33	11.57	2.95	4.33	3.35	0.47	0.312	0.98	0.250	0.63	0.250	0.49
04	5.71	6.30	12.48	3.54	4.33	5.12	0.63	0.312	1.38	0.250	0.63	0.250	0.49
06	7.48	7.87	14.53	4.53	5.31	6.50	0.79	0.500	2.17	0.375	0.87	0.250	0.63
07	9.06	9.65	17.32	5.51	6.69	8.07	0.98	0.625	2.36	0.625	1.42	0.312	0.63
08	11.42	12.20	21.85	7.09	8.46	10.24	1.38	0.625	2.95	0.625	1.42	0.375	0.87

Size ★	N	NA	O	P	Q	R	S	Low Speed Shaft		High Speed Shaft		W	WA	X
								U ‡	Key	UA +.0000 –.0005	Key			
03	1.57	1.57	5.79	5.94	2.28	3.07	2.83	0.7500	.188 x .188 x 1.281	0.6250	.188 x .188 x 1.281	4 x M8	3.54	. . .
04	1.97	1.57	7.01	4.41	2.95	3.31	2.95	1.0000	.250 x .250 x 1.750	0.6250	.188 x .188 x 1.281	4 x M8	3.54	. . .
06	2.36	1.57	9.06	4.49	3.54	4.13	3.86	1.2500	.250 x .250 x 2.000	0.7500	.188 x .188 x 1.281	4 x M10	4.53	. . .
07	3.15	1.97	10.83	4.72	4.53	5.12	4.69	1.6250	.375 x .375 x 2.375	0.8750	.188 x .188 x 1.281	4 x M12	5.71	. . .
08	3.94	2.36	12.64	6.10	5.51	6.50	5.79	2.1250	.500 x .500 x 2.750	1.1250	.250 x .250 x 2.000	4 x M12	5.71	1.61

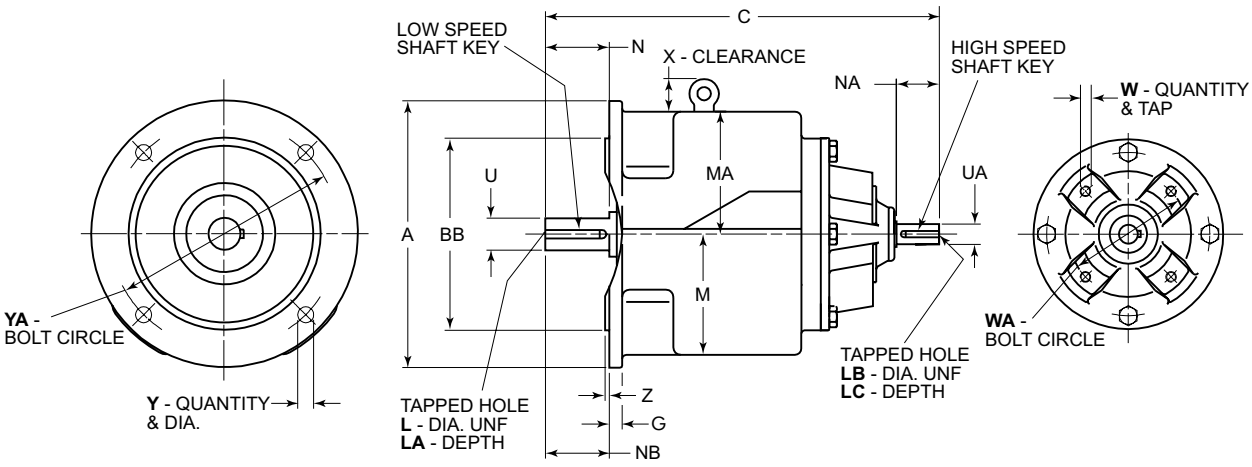
★ Refer to Page 4 for General Information and Reference Notes.

‡ Sizes 03, 04 & 06 tolerance is +.0000, –.0005; Sizes 07 & 08 tolerance is +.0000, –.0010.

Type UC Low Ratio Double Reduction Gear Drive

Sizes 03 – 08 — Dimensions – Inches

Flange Mounted



Size ★	A	BB ●	C	D	E	F	G	H	J	L	LA	LB	LC
03	6.30	4.3307	11.57	0.28	.250	0.63	.250	0.49	3.15	2.76	1.57	0.250	0.49
04	7.87	5.1181	12.48	0.47	.250	0.63	.250	0.49	3.74	3.46	1.97	0.250	0.49
06	9.84	7.0866	14.53	0.47	.375	0.87	.250	0.63	4.45	4.53	2.36	0.250	0.63
07	11.81	9.0551	17.32	0.55	.625	1.42	.312	0.63	5.43	5.43	3.15	0.312	0.63
08	13.78	9.8425	21.85	0.63	.625	1.42	.375	0.87	7.36	6.81	3.94	0.375	0.87

● Size 03, tolerance is +.0000, –.0021; Sizes 04 & 06 tolerance is +.0000, –.0025; Sizes 07 & 08 tolerance is +.0000, –.0028.

Size ★	NA	NB	Low Speed Shaft		High Speed Shaft		W	WA	X	Y	YA	Z
			U ‡	Key	UA +.0000 –.0005	Key						
03	1.57	1.57	0.7500	.188 x .188 x 1.281	0.6250	.188 x .188 x 1.281	4 x M8	3.54	. . .	4 x 0.39	5.12	0.14
04	1.57	1.97	1.0000	.250 x .250 x 1.750	0.6250	.188 x .188 x 1.281	4 x M8	3.54	. . .	4 x 0.47	6.50	0.14
06	1.57	2.36	1.2500	.250 x .250 x 2.375	0.7500	.188 x .188 x 1.281	4 x M10	4.53	. . .	4 x 0.59	8.46	0.16
07	1.97	3.15	1.6250	.375 x .375 x 2.375	0.8750	.188 x .188 x 1.281	4 x M12	5.71	. . .	4 x 0.59	10.43	0.16
08	2.36	3.94	2.1250	.500 x .500 x 2.750	1.1250	.250 x .250 x 2.000	4 x M12	5.71	1.88	4 x 0.71	11.81	0.20

★ Refer to Page 4 for General Information and Reference Notes.

‡ Sizes 03, 04 & 06 tolerance is +.0000, –.0005; Sizes 07 & 08 tolerance is +.0000, –.0010.

UC — Low Ratio Approximate Shipping Weights – lb ♦

DRIVE SIZE	Motor Frame Size																	
	56C		143TC		145TC		182TC		184TC		213TC		215TC		254TC		256TC	
	Gearmotor Without Motor																	
	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange
03UC2	22	24	22	24	22	24	25	27	25	27	...	...	...	...	...	...	...	...
04UC2	29	33	29	33	29	33	32	36	32	36	...	...	...	...	...	...	...	...
06UC2	48	50	48	50	48	50	63	66	63	66	63	66	63	66	...	...	...	...
07UC2	86	92	86	92	86	92	99	105	99	105	99	105	99	105	99	105	99	105
08UC2	156	160	156	160	156	160	156	160	156	160	156	160	156	160	156	160	156	160
	Gearmotor With Motor																	
	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange
03UC2	47	49	52	54	62	64	80	82	102	104	...	...	...	...	...	...	...	...
04UC2	54	58	59	63	69	73	87	91	109	113	...	...	...	...	...	...	...	...
06UC2	73	75	78	80	88	90	118	121	140	143	179	182	220	223	...	...	...	...
07UC2	111	117	116	122	126	132	154	160	176	182	215	221	256	262	405	411	382	388
08UC2	181	185	186	190	196	200	211	215	233	238	272	277	313	317	462	466	439	443

♦ All weights exclude lubricant.

DRIVE SIZE	Gear Drive	
	Base	Flange
03UC2	19	22
04UC2	25	29
06UC2	49	51
07UC2	92	99
08UC2	148	153

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UC — Gearmotor Selection Table

0.25 HP/1750 rpm/56C Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
460	3.75	33	14.91	364	201UCBN2A3.6A_A	4767169	201UCFN2A3.6A_A	4767756
341	5.07	44	12.58	384	5.0	4767173	5.0	4767760
299	5.76	50	11.69	393	5.6	4767177	5.6	4767764
264	6.53	57	10.79	404	6.3	4767181	6.3	4767768
207	8.35	73	9.25	422	8.0	4767185	8.0	4767772
192	9.00	79	8.72	427	9.0	4767189	9.0	4767776
152	11.36	99	7.24	427	11.	4767193	11.	4767780
134	12.88	114	6.50	427	12.	4767193	12.	4767783
117	14.71	130	5.87	427	14.	4767199	14.	4767786
105	16.37	143	5.45	427	16.	4767202	16.	4767789
96	18.05	159	4.99	427	18.	4767205	18.	4767792
87	19.86	175	4.54	427	20.	4767208	20.	4767795
74	23.27	204	3.88	427	22.	4767211	22.	4767798
62	27.92	245	3.24	426	28.	4767214	28.	4767801
53	32.54	285	2.78	427	32.	4767217	32.	4767804
48	36.16	316	2.51	426	36.	4767220	36.	4767807
40	43.54	381	1.94	427	45.	4767223	45.	4767810
35	49.91	437	1.45	427	50.	4767226	50.	4767813
30	56.72	496	1.26	427	56.	4767229	56.	4767816
30	58.46	502	1.58	427	201UCBN3A56.A_A	4768344	201UCFN3A56.A_A	4768616
27	64.45	556	1.43	426	63.	4768347	63.	4768619
24	70.93	611	1.30	424	71.	4768350	71.	4768622
21	83.10	715	1.11	399	80.	4768353	80.	4768625
17	99.70	858	0.93	310	100	4768356	100	4768628
42	41.49	364	3.88	899	202UCBN2A45.A_A	4767289	202UCFN2A45.A_A	4767876
37	47.09	413	3.42	899	50.	4767292	50.	4767879
32	53.54	469	3.01	899	56.	4767295	56.	4767882
30	57.03	495	2.86	899	202UCBN3A56.A_A	4768374	202UCFN3A56.A_A	4768646
27	62.87	546	2.59	899	63.	4768377	63.	4768649
25	69.19	600	2.36	899	71.	4768380	71.	4768652
21	81.07	702	2.01	899	80.	4768383	80.	4768655
18	97.26	842	1.68	899	100	4768386	100	4768658
15	113.37	981	1.44	899	112	4768389	112	4768661
14	125.97	1088	1.30	899	125	4768392	125	4768664
11	151.69	1312	1.08	898	160	4768395	160	4768667
10	173.87	1504	0.94	899	180	4768398	180	4768670
8.7	197.60	1705	0.83	804	200	4768401	200	4768673
32	53.54	470	3.88	899	203UCBN2A56.A_A	4767361	203UCFN2A56.A_A	4767948
30	57.03	494	3.74	899	203UCBN3A56.A_A	4768404	203UCFN3A56.A_A	4768676
27	62.87	546	3.38	898	63.	4768407	63.	4768679
25	69.19	601	3.08	899	71.	4768410	71.	4768682
21	81.07	703	2.63	898	80.	4768413	80.	4768685
18	97.26	843	2.19	899	100	4768416	100	4768688
15	113.37	982	1.88	898	112	4768419	112	4768691
14	125.97	1089	1.70	898	125	4768422	125	4768694
11	151.69	1315	1.41	898	160	4768425	160	4768697
10	173.87	1507	1.23	897	180	4768428	180	4768700
8.7	197.60	1706	1.08	801	200	4768431	200	4768703
7.3	234.96	1970	0.94	680	203UCBN4A225A_A	4768888	203UCFN4A225A_A	4768890
6.6	261.37	2187	0.85	680	250	4768889	250	4768891

Motors are available from the Factory or Distributors.

0.25 HP/56C Motor
Part No. 1940393
Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

0.25 HP/1750 rpm/56C Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
18	96.52	839	3.56	1618	204UCBN3A100A_A	4768450	204UCFN3A100A_A	4768722
15	115.82	1004	2.98	1618	112	4768453	112	4768725
13	130.50	1131	2.64	1618	125	4768456	125	4768728
11	151.71	1318	2.27	1618	160	4768459	160	4768731
10	172.19	1492	2.00	1618	180	4768462	180	4768734
8.8	195.75	1693	1.77	1618	200	4768465	200	4768737
7.4	232.81	1959	1.53	1601	204UCBN4A225A_A	4768892	204UCFN4A225A_A	4768898
6.6	260.47	2183	1.37	1601	250	4768893	250	4768899
6.2	277.62	2325	1.29	1601	280	4768894	280	4768900
5.6	305.72	2565	1.17	1601	300	4768895	300	4768901
4.8	362.32	3024	0.99	1601	360	4768896	360	4768902
4.1	416.75	3480	0.86	1601	400	4768897	400	4768903
15	115.82	1007	3.96	1618	205UCBN3A112A_A	4768487	205UCFN3A112A_A	4768759
13	130.50	1134	3.51	1618	125	4768490	125	4768762
11	151.71	1319	3.02	1618	160	4768493	160	4768765
10	172.19	1497	2.66	1617	180	4768496	180	4768768
8.8	195.75	1696	2.35	1618	200	4768499	200	4768771
7.4	232.81	1970	2.02	1081	205UCBN4A225A_A	4768904	205UCFN4A225A_A	4768912
6.6	260.47	2197	1.81	1081	250	4768905	250	4768913
6.2	277.62	2341	1.70	1081	280	4768906	280	4768914
5.6	305.72	2581	1.54	1081	300	4768907	300	4768915
4.8	362.32	3046	1.31	1081	360	4768908	360	4768916
4.1	416.75	3504	1.14	1081	400	4768909	400	4768917
3.9	444.96	3735	1.07	1081	450	4768910	450	4768918
3.6	483.76	4061	0.98	1081	500	4768911	500	4768919
11	161.57	1404	3.94	1618	206UCBN3A160A_A	4768524	206UCFN3A160A_A	4768796
9.2	187.83	1634	3.39	1618	180	4768527	180	4768799
8.1	213.18	1851	2.99	1618	200	4768530	200	4768802
8.0	215.23	1833	3.02	1618	206UCBN4A225A_A	4768920	206UCFN4A225A_A	4768930
7.3	237.02	2021	2.74	1618	250	4768921	250	4768931
6.3	272.91	2317	2.02	1618	280	4768922	280	4768932
5.5	313.91	2665	1.76	1618	300	4768923	300	4768933
4.7	365.10	3097	1.71	1618	360	4768924	360	4768934
4.3	396.93	3366	1.57	1618	400	4768925	400	4768935
3.9	444.10	3758	1.47	1618	450	4768926	450	4768936
3.2	533.13	4508	1.23	1618	500	4768927	500	4768937
3.0	568.23	4805	1.15	1618	650	4768928	650	4768938
2.5	681.88	5759	0.96	1618	730	4768929	730	4768939
7.5	229.00	1950	3.94	1051	207UCBN4A225A_A	4768940	207UCFN4A225A_A	4768954
6.6	259.68	2206	3.48	1051	250	4768942	250	4768956
6.0	286.42	2432	3.16	1051	280	4768944	280	4768958
5.5	315.41	2681	2.86	1051	300	4768945	300	4768959
4.8	361.21	3065	2.51	1051	360	4768946	360	4768960
4.2	415.49	3523	2.18	1051	400	4768947	400	4768961
3.7	469.77	3975	1.93	1051	450	4768948	450	4768962
3.4	510.72	4321	1.78	1051	500	4768949	500	4768963
2.9	592.12	4995	1.54	1051	650	4768950	650	4768964
2.4	710.84	5993	1.28	1051	730	4768951	430	4768965
2.0	847.84	7123	1.08	1050	860	4768952	860	4768966
1.7	1017.41	8538	0.90	1050	10C	4768953	10C	4768967

Motors are available from the Factory or Distributors.

0.25 HP/56C Motor Part No. 1940393 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

0.33 HP/1750 rpm/56C Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
460	3.75	43	11.30	361	201UCBN2A3.6A_A	4767169	201UCFN2A3.6A_A	4767756
341	5.07	58	9.53	381	5.0	4767173	5.0	4767760
299	5.76	67	8.85	389	5.6	4767177	5.6	4767764
264	6.53	76	8.17	400	6.3	4767181	6.3	4767768
207	8.35	97	7.01	417	8.0	4767185	8.0	4767772
192	9.00	104	6.61	421	9.0	4767189	9.0	4767776
152	11.36	131	5.49	420	11.	4767193	11.	4767780
134	12.88	150	4.93	419	12.	4767196	12.	4767783
117	14.71	171	4.45	421	14.	4767199	14.	4767786
105	16.37	189	4.13	419	16.	4767202	16.	4767789
96	18.05	210	3.78	414	18.	4767205	18.	4767792
87	19.86	231	3.44	424	20.	4767208	20.	4767795
74	23.27	270	2.94	417	22.	4767211	22.	4767798
62	27.92	323	2.45	404	28.	4767214	28.	4767801
53	32.54	376	2.11	408	32.	4767217	32.	4767804
48	36.16	418	1.90	396	36.	4767220	36.	4767804
40	43.54	503	1.47	411	45.	4767223	45.	4767810
35	49.91	576	1.10	427	50.	4767226	50.	4767813
30	56.72	655	0.95	413	56.	4767229	56.	4767816
30	58.46	663	1.20	413	201UCBN3A56.A_A	4768344	201UCFN3A56.A_A	4768616
27	64.45	734	1.08	395	63.	4768347	63.	4768619
24	70.93	806	0.99	348	71.	4768350	71.	4768622
21	83.10	944	0.84	242	80.	4768353	80.	4768625
54	31.68	367	3.85	894	202UCBN2A32.A_A	4767283	202UCFN2A32.A_A	4767870
48	35.69	413	3.42	899	36.	4767286	36.	4767873
42	41.49	481	2.94	899	45.	4767289	45.	4767876
37	47.09	546	2.59	892	50.	4767292	50.	4767879
32	53.54	620	2.28	875	56.	4767295	56.	4767882
30	57.03	653	2.17	899	202UCBN3A56.A_A	4768374	202UCFN3A56.A_A	4768646
27	62.87	721	1.96	891	63.	4768377	63.	4768649
25	69.19	792	1.79	899	71.	4768380	71.	4768652
21	81.07	927	1.53	899	80.	4768383	80.	4768655
18	97.26	1111	1.27	873	100	4768386	100	4768658
15	113.37	1294	1.09	899	112	4768389	112	4768661
14	125.97	1437	0.99	899	125	4768392	125	4768664
11	151.69	1732	0.82	782	160	4768395	160	4768667
42	41.49	480	3.59	870	203UCBN2A45.A_A	4767355	203UCFN2A45.A_A	4767942
37	47.09	546	3.24	892	50.	4767358	50.	4767945
32	53.54	620	2.94	875	56.	4767361	56.	4767948
30	57.03	653	2.83	867	203UCBN3A56.A_A	4767404	203UCFN3A56.A_A	4768676
27	62.87	721	2.56	851	63.	4767407	63.	4768679
25	69.19	793	2.33	872	71.	4767410	71.	4768682
21	81.07	929	1.99	836	80.	4767413	80.	4768685
18	97.26	1112	1.66	873	100	4767416	100	4768688
15	113.37	1297	1.43	808	112	4767419	112	4768691
14	125.97	1438	1.29	757	125	4767422	125	4768694
11	151.69	1736	1.07	782	160	4767425	160	4768697
10	173.87	1990	0.93	599	180	4767428	180	4768700
8.7	197.6	2252	0.82	406	200	4767431	200	4768703

Motors are available from the Factory or Distributors.

0.33 HP/56C Motor
Part No. 1940394
Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

0.33 HP/1750 rpm/56C Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
27	64.29	748	3.96	1618	204UCBN3A63.A_A	4768438	204UCFN3A63.A_A	4768710
23	73.95	850	3.52	1618	71.	4768442	71.	4768714
21	80.40	924	3.24	1618	80.	4768446	80.	4768718
18	96.52	1108	2.7	1613	100	4768450	100	4768722
15	115.82	1326	2.26	1618	112	4768453	112	4768725
13	130.50	1493	2.00	1610	125	4768456	125	4768728
11	151.71	1740	1.72	1618	160	4768457	160	4768731
10	172.19	1970	1.52	1618	180	4768462	180	4768734
8.8	195.75	2236	1.34	1602	200	4768465	200	4768737
7.4	232.81	2586	1.16	1601	204UCBN4A225A_A	4768892	204UCFN4A225A_A	4768898
6.6	260.47	2882	1.04	1601	250	4768893	250	4768899
6.2	277.62	3069	0.97	1601	280	4768894	280	4768900
5.6	305.72	3386	0.88	1601	300	4768895	300	4768901
18	96.52	1109	3.59	1598	205UCBN3A100A_A	4768484	205UCFN3A100A_A	4768756
15	115.82	1329	3.00	1561	112	4768487	112	4768759
13	130.50	1497	2.66	1533	125	4768490	125	4768762
11	151.71	1741	2.29	1538	160	4768493	160	4768765
10	172.19	1976	2.01	1494	180	4768496	180	4768768
8.8	195.75	2239	1.78	1553	200	4768499	200	4768771
7.4	232.81	2601	1.53	1081	205UCBN4A225A_A	4768904	205UCFN4A225A_A	4768912
6.6	260.47	2900	1.37	1081	250	4768905	250	4768913
6.2	277.62	3090	1.29	1081	280	4768906	280	4768914
5.6	305.72	3408	1.17	1081	300	4768907	300	4768915
4.8	362.32	4021	0.99	1081	360	4768908	360	4768916
4.1	416.75	4626	0.86	1081	400	4768909	400	4768917
12	143.39	1646	3.36	1618	206UCBN3A125A_A	4768521	206UCFN3A125A_A	4768793
11	161.57	1854	2.99	1618	160	4768524	160	4768796
9.2	187.83	2157	2.57	1618	180	4768527	180	4768799
8.1	213.18	2443	2.27	1618	200	4768530	200	4768802
8.0	215.23	2420	2.28	1618	206UCBN4A225A_A	4768920	206UCFN4A225A_A	4768930
7.3	237.02	2668	2.07	1618	250	4768921	250	4768931
6.3	272.91	3059	1.53	1618	280	4768922	280	4768932
5.5	313.91	3517	1.33	1618	300	4768923	300	4768933
4.7	365.10	4088	1.29	1618	360	4768924	360	4768934
4.3	396.93	4444	1.19	1618	400	4768925	400	4768935
3.9	444.10	4960	1.12	1618	450	4768926	450	4768936
3.2	533.13	5951	0.93	1618	500	4768927	500	4768937
3.0	568.23	6343	0.87	1618	650	4768928	650	4768938
7.5	229.00	2575	2.98	1051	207UCBN4A225A_A	4768940	207UCFN4A225A_A	4768954
6.6	259.68	2912	2.64	1051	250	4768942	250	4768956
6.0	286.42	3211	2.39	1051	280	4768944	280	4768958
5.5	315.41	3540	2.17	1051	300	4768945	300	4768959
4.8	361.21	4046	1.90	1051	360	4768946	360	4768960
4.2	415.49	4651	1.65	1051	400	4768947	400	4768961
3.7	469.77	5247	1.46	1051	450	4768948	450	4768962
3.4	510.72	5703	1.35	1051	500	4768949	500	4768963
2.9	592.12	6594	1.16	1051	650	4768950	650	4768964
2.4	710.84	7911	0.97	1051	730	4768951	730	4768965
2.0	847.84	9402	0.82	1050	860	4768952	860	4768966

Motors are available from the Factory or Distributors.

0.33 HP/56C Motor
Part No. 1940394
Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

0.50 HP/1750 rpm/56C Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
460	3.75	66	7.46	356	201UCBN2A3.6A_A	4767169	201UCFN2A3.6A_A	4767756
341	5.07	89	6.29	373	5.0	4767173	5.0	4767760
299	5.76	101	5.84	381	5.6	4767177	5.6	4767764
264	6.53	115	5.39	390	6.3	4767181	6.3	4767768
207	8.35	147	4.63	405	8.0	4767185	8.0	4767772
192	9.00	158	4.36	408	9.0	4767189	9.0	4767776
152	11.36	199	3.62	406	11.	4767193	11.	4767780
134	12.88	228	3.25	402	12.	4767196	12.	4767783
117	14.71	260	2.93	408	14.	4767199	14.	4767786
105	16.37	287	2.72	402	16.	4767202	16.	4767789
96	18.05	318	2.49	388	18.	4767205	18.	4767792
87	19.86	350	2.27	419	20.	4767208	20.	4767795
74	23.27	409	1.94	397	22.	4767211	22.	4767798
62	27.92	490	1.62	356	28.	4767214	28.	4767801
53	32.54	570	1.39	368	32.	4767217	32.	4767804
48	36.16	633	1.25	332	36.	4767220	36.	4767807
40	43.54	763	0.97	379	45.	4767223	45.	4767810
85	20.23	357	3.97	892	202UCBN2A20.A_A	4767274	202UCFN2A20.A_A	4767861
78	21.99	388	3.65	886	22.	4767277	22.	4767864
65	26.40	465	3.04	899	28.	4767280	28.	4767867
54	31.68	557	2.54	884	32.	4767283	32.	4767870
48	35.69	627	2.26	899	36.	4767286	36.	4767873
42	41.49	729	1.94	899	45.	4767289	45.	4767876
37	47.09	827	1.71	879	50.	4767292	50.	4767879
32	53.54	939	1.51	825	56.	4767295	56.	4767882
30	57.03	990	1.43	899	202UCBN3A56.A_A	4768374	202UCFN3A56.A_A	4768646
27	62.87	1093	1.30	876	63.	4768377	63.	4768649
25	69.19	1201	1.18	899	71.	4768380	71.	4768652
21	81.07	1405	1.01	899	80.	4768383	80.	4768655
18	97.26	1684	0.84	818	100	4768386	100	4768658
65	26.40	466	3.97	869	203UCBN2A28.A_A	4767346	203UCFN2A28.A_A	4767933
54	31.68	555	3.33	831	32.	4767349	32.	4767936
48	35.69	624	2.96	854	36.	4767352	36.	4767939
42	41.49	727	2.37	809	45.	4767355	45.	4767942
37	47.09	828	2.14	879	50.	4767358	50.	4767945
32	53.54	940	1.94	825	56.	4767361	56.	4767948
30	57.03	989	1.87	800	203UCBN3A56.A_A	4768404	203UCFN3A56.A_A	4768676
27	62.87	1093	1.69	750	63.	4768407	63.	4768679
25	69.19	1202	1.54	815	71.	4768410	71.	4768682
21	81.07	1407	1.31	704	80.	4768413	80.	4768685
18	97.26	1686	1.10	818	100	4768416	100	4768688
15	113.37	1965	0.94	616	112	4768419	112	4768691
14	125.97	2179	0.85	458	125	4768422	125	4768694

Motors are available from the Factory or Distributors.

0.50 HP/56C Motor Part No. 1940395 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

0.50 HP/1750 rpm/56C Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
30	58.38	1013	2.83	1617	204UCBN3A56.A_A	4768434	204UCFN3A56.A_A	4768706
27	64.29	1122	2.64	1609	63.	4768438	63.	4768710
23	73.95	1288	2.32	1618	71.	4768442	71.	4768714
21	80.40	1400	2.14	1618	80.	4768446	80.	4768718
18	96.52	1678	1.78	1602	100	4768450	100	4768722
15	115.82	2009	1.49	1617	112	4768453	112	4768725
13	130.50	2263	1.32	1592	125	4768456	125	4768728
11	151.71	2637	1.13	1618	160	4768459	160	4768731
10	172.19	2985	1.00	1618	180	4768462	180	4768734
8.8	195.75	3387	0.88	1566	200	4768465	200	4768737
30	58.38	1017	3.91	1539	205UCBN3A56.A_A	4768468	205UCFN3A56.A_A	4768740
27	64.29	1124	3.54	1508	63.	4768472	63.	4768744
23	73.95	1287	3.09	1528	71.	4768476	71.	4768748
21	80.40	1407	2.83	1493	80.	4768480	80.	4768752
18	96.52	1681	2.37	1557	100	4768484	100	4768756
15	115.82	2014	1.98	1440	112	4768487	112	4768759
13	130.50	2268	1.76	1353	125	4768490	125	4768762
11	151.71	2638	1.51	1370	160	4768493	160	4768765
10	172.19	2995	1.33	1232	180	4768496	180	4768768
8.8	195.75	3393	1.17	1416	200	4768499	200	4768771
7.4	232.81	3941	1.01	1081	205UCBN4A225A_A	4768904	205UCFN4A225A_A	4768912
6.6	260.47	4394	0.91	1081	250	4768905	250	4768913
6.2	277.62	4682	0.85	1081	280	4768906	280	4768914
22	79.60	1392	3.78	1618	206UCBN3A71.A_A	4768506	206UCFN3A71.A_A	4768778
19	91.56	1601	3.41	1618	80.	4768510	80.	4768782
17	99.54	1732	3.20	1618	100	4768514	100	4768786
14	119.50	2074	2.67	1618	112	4768518	112	4768790
12	143.39	2494	2.22	1618	125	4768521	125	4768793
11	161.57	2809	1.97	1618	160	4768524	160	4768796
9.2	187.83	3269	1.69	1618	180	4768527	180	4768799
8.1	213.18	3702	1.50	1618	200	4768530	200	4768802
8.0	215.23	3667	1.51	1618	206UCBN4A225A_A	4768920	206UCFN4A225A_A	4768930
7.3	237.02	4043	1.37	1618	250	4768921	250	4768931
6.3	272.91	4635	1.01	1618	280	4768922	280	4768932
5.5	313.91	5330	0.88	1618	300	4768923	300	4768933
4.7	365.10	6195	0.85	1618	360	4768924	360	4768934
7.5	229.00	3901	1.97	1051	207UCBN4A225A_A	4768940	207UCFN4A225A_A	4768954
6.6	259.68	4412	1.74	1051	250	4768942	250	4768956
6.0	286.42	4865	1.58	1051	280	4768944	280	4768958
5.5	315.41	5363	1.43	1051	300	4768945	300	4768959
4.8	361.21	6130	1.25	1051	360	4768946	360	4768960
4.2	415.49	7047	1.09	1051	400	4768947	400	4768961
3.7	469.77	7951	0.97	1051	450	4768948	450	4768962
3.4	510.72	8642	0.89	1051	500	4768949	500	4768963

Motors are available from the Factory or Distributors.

0.50 HP/56C Motor Part No. 1940395 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

0.75 HP/1750 rpm/56C Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
460	3.75	99	4.97	348	201UCBN2A3.6A_A	4767169	201UCFN2A3.6A_A	4767756
341	5.07	133	4.19	363	5.0	4767173	5.0	4767760
299	5.76	152	3.90	369	5.6	4767177	5.6	4767764
264	6.53	173	3.60	377	6.3	4767181	6.3	4767768
207	8.35	221	3.08	387	8.0	4767185	8.0	4767772
192	9.00	238	2.91	389	9.0	4767189	9.0	4767776
152	11.36	299	2.41	386	11.	4767193	11.	4767780
134	12.88	342	2.17	376	12.	4767196	12.	4767783
117	14.71	390	1.96	389	14.	4767199	14.	4767786
105	16.37	431	1.82	377	16.	4767202	16.	4767789
96	18.05	477	1.66	350	18.	4767205	18.	4767792
87	19.86	525	1.51	412	20.	4767208	20.	4767795
74	23.27	614	1.29	367	22.	4767211	22.	4767798
62	27.92	736	1.08	286	28.	4767214	28.	4767801
53	32.54	856	0.93	310	32.	4767217	32.	4767804
48	36.16	950	0.84	238	36.	4767220	36.	4767807
98	17.58	466	2.94	899	202UCBN2A18.A_A	4767271	202UCFN2A18.A_A	4767858
85	20.23	535	2.64	885	20.	4767274	20.	4767861
78	21.99	582	2.43	873	22.	4767277	22.	4767864
65	26.40	698	2.03	899	28.	4767280	28.	4767867
54	31.68	836	1.69	870	32.	4767283	32.	4767870
48	35.69	940	1.51	899	36.	4767286	36.	4767873
42	41.49	1094	1.29	899	45.	4767289	45.	4767876
37	47.09	1241	1.14	860	50.	4767292	50.	4767879
32	53.54	1409	1.00	752	56.	4767295	56.	4767882
30	57.03	1485	0.95	899	202UCBN3A56.A_A	4768374	202UCFN3A56.A_A	4768646
27	62.87	1639	0.86	854	63.	4768377	63.	4768649
98	17.58	466	3.74	899	203UCBN2A18.A_A	4767337	203UCFN2A18.A_A	4767924
85	20.23	535	3.40	885	20.	4767340	20.	4767927
78	21.99	583	3.17	873	22.	4767343	22.	4767930
65	26.40	699	2.64	840	28.	4767346	28.	4767933
54	31.68	832	2.22	763	32.	4767349	32.	4767936
48	35.69	937	1.97	809	36.	4767352	36.	4767939
42	41.49	1091	1.58	719	45.	4767355	45.	4767942
37	47.09	1243	1.42	860	50.	4767358	50.	4767945
32	53.54	1411	1.29	752	56.	4767361	56.	4767948
30	57.03	1484	1.25	702	203UCBN3A56.A_A	4768404	203UCFN3A56.A_A	4768676
27	62.87	1639	1.13	602	63.	4768407	63.	4768679
25	69.19	1803	1.03	732	71.	4768410	71.	4768682
21	81.07	2111	0.88	510	80.	4768413	80.	4768685
63	27.30	725	3.84	1562	204UCBN2A28.A_A	4767409	204UCFN2A28.A_A	4767996
54	32.19	851	3.35	1567	32.	4767413	32.	4768000
49	35.25	935	3.08	1570	36.	4767417	36.	4768004
40	43.20	1137	2.59	1604	45.	4767421	45.	4768008
36	48.15	1266	2.36	1598	50.	4767425	50.	4768012
32	54.00	1422	1.68	1618	56.	4767429	56.	4768016
30	58.38	1520	1.89	1615	204UCBN3A56.A_A	4768434	204UCFN3A56.A_A	4768706
27	64.29	1683	1.76	1599	63.	4768438	63.	4768710
23	73.95	1933	1.55	1618	71.	4768442	71.	4768714
21	80.40	2100	1.42	1618	80.	4768446	80.	4768718
18	96.52	2518	1.19	1587	100	4768450	100	4768722
15	115.82	3014	0.99	1616	112	4768453	112	4768725
13	130.50	3394	0.88	1566	125	4768456	125	4768728
54	32.19	851	3.35	1558	205UCBN2A32.A_A	4767482	205UCFN2A32.A_A	4768069
49	35.25	935	3.08	1549	36.	4767486	36.	4768073
40	43.20	1137	2.59	1470	45.	4767490	45.	4768077
36	48.15	1268	2.38	1561	50.	4767494	50.	4768081
32	54.00	1422	1.68	1597	56.	4767498	56.	4768085
30	58.38	1526	2.61	1460	205UCBN3A56.A_A	4768468	205UCFN3A56.A_A	4768740
27	64.29	1686	2.36	1397	63.	4768472	63.	4768744
23	73.95	1931	2.06	1438	71.	4768476	71.	4768748
21	80.40	2111	1.89	1367	80.	4768480	80.	4768752
18	96.52	2522	1.58	1495	100	4768484	100	4768756
15	115.82	3021	1.32	1263	112	4768487	112	4768759
13	130.50	3403	1.17	1088	125	4768490	125	4768762
11	151.71	3957	1.01	1123	160	4768493	160	4768765
10	172.19	4492	0.89	846	180	4768496	180	4768768

Motors are available from the Factory or Distributors.

0.75 HP/56C Motor Part No. 1940396 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz,NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

0.75 HP/1750 rpm/56C Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
32	53.49	1408	3.26	1618	206UCBN2A50.A_A	4767560	206UCFN2A50.A_A	4768147
29	59.61	1567	2.65	1618	56.	4767564	56.	4768151
27	66.86	1691	1.72	1618	63.	4767568	63.	4768155
24	72.28	1893	2.84	1618	206UCBN3A63.AA	4768502	206UCFN3A63.AA	4768774
22	79.60	2089	2.52	1618	71.	4768506	71.	4768778
19	91.56	2401	2.27	1618	80.	4768510	80.	4768782
17	99.54	2598	2.13	1618	100	4768514	100	4768786
14	119.5	3112	1.78	1618	112	4768518	112	4768790
12	143.39	3742	1.48	1618	125	4768521	125	4768793
11	161.57	4213	1.31	1618	160	4768524	160	4768796
9.2	187.83	4904	1.13	1618	180	4768527	180	4768799
8.1	213.18	5554	1.00	1618	200	4768530	200	4768802
8.0	215.23	5501	1.01	1618	206UCBN4A225A_A	4768920	206UCFN4A225A_A	4768930
7.3	237.02	6065	0.91	1618	250	4768921	250	4768931
32	53.96	1416	3.72	2215	207UCBN2A56.A_A	4767655	207UCFN2A56.A_A	4768242
27	62.83	1642	3.90	2248	207UCBN3A63.A_A	4768540	207UCFN3A63.A_A	4768812
23	74.47	1950	3.47	2248	71.	4768544	71.	4768816
22	79.51	2077	3.33	2248	80.	4768548	80.	4768820
17	98.66	2575	2.89	2248	100	4768552	100	4768824
15	116.34	3048	2.52	2248	112	4768556	112	4768828
14	127.39	3327	2.31	2248	125	4768560	125	4768832
11	156.12	4073	1.89	2248	160	4768564	160	4768836
10	174.01	4531	1.70	2248	180	4768568	180	4768840
8.9	195.15	5053	1.52	2183	200	4768572	200	4768844
7.5	229.00	5852	1.31	1051	207UCBN4A225A_A	4768940	207UCFN4A225A_A	4768954
6.6	259.68	6619	1.16	1051	250	4768942	250	4768956
6.0	286.42	7298	1.05	1051	280	4768944	280	4768958
5.5	315.41	8045	0.95	1051	300	4768945	300	4768959
4.8	361.21	9195	0.84	1051	360	4768946	360	4768960
11	160.45	4184	3.60	4496	208UCBN3A160A_A	4768604	208UCFN3A160A_A	4768876
10	175.21	4565	3.30	4496	180	4768608	180	4768880
8.6	201.75	5237	2.87	4496	200	4768611	200	4768884
7.5	228.91	5831	2.07	4252	208UCBN4A225A_A	4768968	208UCFN4A225A_A	4768984
6.7	258.98	6588	1.97	4017	250	4768970	250	4768986
5.7	301.21	7664	1.69	4017	280	4768972	280	4768988
5.1	337.01	8566	1.51	4017	300	4768974	300	4768990
4.8	359.19	9140	1.42	4017	360	4768976	360	4768992
4.1	425.69	10831	1.20	4017	400	4768978	400	4768994
3.6	480.51	12206	1.12	3775	450	4768980	450	4768996
3.4	513.04	13031	1.04	3775	500	4768982	500	4768998
2.8	621.92	15749	0.93	3407	650	4768983	650	4768999
7.5	231.06	5958	3.93	5780	09UCBN4B225A_A	4769000	09UCFN4B225A_A	4769026
6.7	258.09	6646	3.81	5609	250	4769002	250	4769028
5.7	300.18	7728	3.27	5609	280	4769004	280	4768030
5.1	335.85	8635	2.93	5609	300	4769006	300	4769032
4.8	357.95	9212	2.75	5609	360	4769008	360	4769034
4.1	424.23	10910	2.32	5609	400	4769010	400	4769036
3.7	471.32	12104	2.09	5609	450	4769012	450	4769038
3.4	503.22	12920	1.96	5609	500	4769014	500	4769040
2.8	624.45	16014	1.58	5609	650	4769016	650	4769042
2.3	736.35	18861	1.34	5609	730	4769018	730	4769044
2.0	882.06	22507	1.12	5609	860	4769020	860	4769046
1.7	1040.13	26517	0.95	5609	14C	4769022	10C	4769048
1.5	1148.27	29265	0.86	5609	11C	4769024	11C	4769050
4.3	398.71	10206	3.83	9347	10UCBN4B400A_A	4769062	10UCFN4B400A_A	4769094
3.9	443.06	11324	3.45	9347	450	4769065	450	4769097
3.4	500.94	12797	3.05	9347	500	4769068	500	4769100
3.0	580.78	14826	2.63	9347	650	4769070	650	4769102
2.5	692.72	17665	2.21	9347	730	4769072	730	4769104
2.1	828.21	21049	1.86	9347	860	4769074	860	4769106
1.7	987.84	25089	1.56	9347	10C	4769076	10C	4769108
1.5	1138.21	28833	1.35	9347	11C	4769078	11C	4769110
1.4	1246.47	31561	1.24	9347	13C	4769080	13C	4769112
1.1	1539.39	38707	0.97	9423	15C	4769082	15C	4769114
1.0	1685.80	42381	0.89	9423	18C	4769083	18C	4769115

Motors are available from the Factory or Distributors.

0.75 HP/56C Motor Part No. 1940396 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz,NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

1.0 HP/1750 rpm/143TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
460	3.75	132	3.73	340	201UCBN2A3.6A_B	4767170	201UCFN2A3.6A_B	4767757
341	5.07	178	3.15	353	5.0	4767174	5.0	4767761
299	5.76	203	2.92	357	5.6	4767178	5.6	4767765
264	6.53	231	2.70	363	6.3	4767182	6.3	4767769
207	8.35	294	2.31	370	8.0	4767186	8.0	4767773
192	9.00	317	2.18	371	9.0	4767190	9.0	4767777
152	11.36	399	1.81	366	11.	4767194	11.	4767781
134	12.88	456	1.63	351	12.	4767197	12.	4767784
117	14.71	520	1.47	370	14.	4767200	14.	4767787
105	16.37	575	1.36	353	16.	4767203	16.	4767790
96	18.05	636	1.25	312	18.	4767206	18.	4767793
87	19.86	700	1.13	404	20.	4767209	20.	4767796
74	23.27	819	0.97	337	22.	4767212	22.	4767799
62	27.92	981	0.81	215	28.	4767215	28.	4767802
190	9.09	321	3.74	880	202UCBN2A9.0A_B	4767253	202UCFN2A9.0A_B	4767840
155	11.15	395	3.16	853	11.	4767257	11.	4767844
139	12.37	438	2.91	837	12.	4767261	12.	4767848
123	14.05	497	2.62	819	14.	4767265	14.	4767852
108	15.97	563	2.42	899	16.	4767269	16.	4767856
98	17.58	621	2.21	899	18.	4767272	18.	4767859
85	20.23	714	1.98	878	20.	4767275	20.	4767862
78	21.99	776	1.82	860	22.	4767278	22.	4767865
65	26.40	931	1.52	899	28.	4767281	28.	4767868
54	31.68	1114	1.27	856	32.	4767284	32.	4767871
48	35.69	1254	1.13	899	36.	4767287	36.	4767874
42	41.49	1459	0.97	899	45.	4767290	45.	4767877
37	47.09	1655	0.86	840	50.	4767293	50.	4767880
155	11.15	395	3.81	782	203UCBN2A11.A_B	4767323	203UCFN2A11.A_B	4767910
139	12.37	438	3.56	837	12.	4767327	12.	4767914
123	14.05	496	3.27	819	14.	4767331	14.	4767918
108	15.97	564	3.04	899	16.	4767335	16.	4767922
98	17.58	622	2.80	899	18.	4767338	18.	4767925
85	20.23	714	2.55	878	20.	4767341	20.	4767928
78	21.99	777	2.38	860	22.	4767344	22.	4767931
65	26.40	932	1.98	810	28.	4767347	28.	4767934
54	31.68	1110	1.67	695	32.	4767350	32.	4767937
48	35.69	1249	1.48	764	36.	4767353	36.	4767940
42	41.49	1455	1.19	629	45.	4767356	45.	4767943
37	47.09	1657	1.07	840	50.	4767359	50.	4767946
32	53.54	1881	0.97	679	56.	4767362	56.	4767949
30	57.03	1979	0.93	604	203UCBN3A56.A_B	4768405	203UCFN3A56.A_B	4768677
27	62.87	2186	0.85	454	63.	4768408	63.	4768680
84	20.61	730	3.64	1420	204UCBN2A20.A_B	4767402	204UCFN2A20.A_B	4767989
78	22.00	777	3.45	1466	22.	4767406	22.	4767993
63	27.30	967	2.88	1534	28.	4767410	28.	4767997
54	32.19	1134	2.51	1542	32.	4767414	32.	4768001
49	35.25	1247	2.31	1545	36.	4767418	36.	4768005
40	43.20	1516	1.94	1597	45.	4767422	45.	4768009
36	48.15	1688	1.77	1588	50.	4767426	50.	4768013
32	54.00	1896	1.26	1618	56.	4767430	56.	4768017
30	58.38	2027	1.41	1614	204UCBN3A56.A_B	4768435	204UCFN3A56.A_B	4768707
27	64.29	2245	1.32	1590	63.	4768439	63.	4768711
23	73.95	2577	1.16	1618	71.	4768443	71.	4768715
21	80.40	2800	1.07	1618	80.	4768447	80.	4768719
18	96.52	3357	0.89	1571	100	4768451	100	4768823
54	32.19	1134	2.51	1528	205UCBN2A32.A_B	4767483	205UCFN2A32.A_B	4768070
49	35.25	1247	2.31	1515	36.	4767487	36.	4768074
40	43.20	1516	1.94	1396	45.	4767491	45.	4768078
36	48.15	1691	1.78	1533	50.	4767495	50.	4768082
32	54.00	1896	1.26	1587	56.	4767499	56.	4768086
30	58.38	2035	1.96	1381	205UCBN3A56.A_B	4768469	205UCFN3A56.A_B	4768741
27	64.29	2248	1.77	1287	63.	4768473	63.	4768745
23	73.95	2575	1.55	1347	71.	4768477	71.	4768749
21	80.40	2815	1.41	1242	80.	4768481	80.	4768753
18	96.52	3362	1.18	1434	100	4768485	100	4768757
15	115.82	4028	0.99	1086	112	4768488	112	4768760
13	130.50	4537	0.88	823	125	4768491	125	4768763

Motors are available from the Factory or Distributors.

1.0 HP/143TC Motor Part No. 1940397 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz,NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

1.0 HP/1750 rpm/143TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
43	39.86	1406	3.94	1606	206UCBN2A36.A_B	4767553	206UCFN2A36.A_B	4768140
40	43.64	1540	3.60	1618	45.	4767557	45.	4768144
32	53.49	1884	2.43	1618	50.	4767561	50.	4768148
29	59.61	2097	1.98	1618	56.	4767565	56.	4768152
27	66.86	1691	1.32	1618	63.	4767569	63.	4768156
24	72.28	2524	2.13	1618	206UCBN3A63.A_B	4768503	206UCFN3A63.A_B	4768775
22	79.60	2785	1.89	1618	71.	4768507	71.	4768779
19	91.56	3202	1.71	1618	80.	4768511	80.	4768783
17	99.54	3464	1.60	1618	100	4768515	100	4768787
14	119.50	4149	1.34	1618	112	4768519	112	4768791
12	143.39	4989	1.11	1618	125	4768522	125	4768794
11	161.57	5618	0.99	1618	160	4768525	160	4768797
9.2	187.83	6538	0.85	1618	180	4768528	180	4768800
36	48.56	1704	3.64	2229	207UCBN2A50.A_B	4767651	207UCFN2A50.A_B	4768238
32	53.96	1888	2.79	2183	56.	4767656	56.	4768243
29	58.95	2054	3.07	2248	207UCBN3A56.A_B	4768537	207UCFN3A56.A_B	4768809
27	62.83	2190	2.92	2248	63.	4768541	63.	4768813
23	74.47	2600	2.60	2248	71.	4768545	71.	4768817
22	79.51	2770	2.50	2248	80.	4768549	80.	4768821
17	98.66	3433	2.17	2248	100	4768553	100	4768825
15	116.34	4064	1.89	2248	112	4768557	112	4768829
14	127.39	4436	1.73	2248	125	4768561	125	4768833
11	156.12	5472	1.40	1804	160	4768565	160	4768837
10	174.01	6087	1.26	1677	180	4768569	180	4768841
8.8	195.15	6817	1.13	1480	200	4768573	200	4768845
7.5	229.00	7803	0.98	1051	207UCBN4A225A_B	4768941	207UCFN4A225A_B	4768955
6.6	259.68	8825	0.87	1051	250	4768943	250	4768957
14	119.19	4139	3.64	4496	208UCBN3A112A_B	4768597	208UCFN3A112A_B	4768869
13	130.92	4553	3.30	4496	125	4768601	125	4768873
11	160.45	5579	2.70	4496	160	4768605	160	4768877
10	175.21	6086	2.47	4496	180	4768609	180	4768881
8.6	201.75	6983	2.15	4496	200	4768613	200	4768885
7.5	228.91	7775	1.55	4252	208UCBN4A225A_B	4768969	208UCFN4A225A_B	4768985
6.7	258.98	8785	1.47	4017	250	4768971	250	4768987
5.7	301.21	10219	1.27	4017	280	4768973	280	4768989
5.1	337.01	11421	1.13	4017	300	4768975	300	4768991
4.8	359.19	12187	1.06	4017	360	4768977	360	4768993
4.1	425.69	14441	0.90	4017	400	4768979	400	4768995
3.6	480.51	16275	0.84	3775	450	4768981	450	4768997
11	160.29	5568	3.93	6658	09UCBN3A160A_B	4741970	09UCFN3A160A_B	4742320
7.5	231.06	7944	2.95	5780	09UCBN4B225A_B	4769001	09UCFN4B225A_B	4769027
6.7	258.09	8862	2.85	5609	250	4769003	250	4769029
5.7	300.18	10304	2.45	5609	280	4769005	280	4769031
5.1	335.85	11513	2.20	5609	300	4769007	300	4769033
4.8	357.95	12283	2.06	5609	360	4769009	360	4769035
4.1	424.23	14547	1.74	5609	400	4769011	400	4769037
3.7	471.32	16139	1.57	5609	450	4769013	450	4769039
3.4	503.22	17226	1.47	5609	500	4769015	500	4769041
2.8	624.45	21352	1.18	5609	650	4769017	650	4769043
2.3	736.35	25148	1.01	5609	730	4769019	730	4769045
2.0	882.06	30009	0.84	5609	860	4769021	860	4769047
5.5	315.65	10769	3.63	9347	10UCBN4B300A_B	4769058	10UCFN4B300A_B	4769090
5.0	348.16	11887	3.29	9347	360	4769060	360	4769092
4.3	398.71	13608	2.87	9347	400	4769063	400	4769095
3.9	443.06	15099	2.59	9347	450	4769066	450	4769098
3.4	500.94	17062	2.29	9347	500	4769069	500	4769101
3.0	580.78	19768	1.98	9347	650	4769071	650	4769103
2.5	692.72	23553	1.66	9347	730	4769073	730	4769105
2.1	828.21	28065	1.39	9347	860	4769075	860	4769107
1.7	987.84	33452	1.17	9347	10C	4769077	10C	4769109
1.5	1138.21	38444	1.02	9347	11C	4769079	11C	4769111
1.4	1246.47	42081	0.93	9347	13C	4769081	13C	4769113

Motors are available from the Factory or Distributors.

1.0 HP/143TC Motor Part No. 1940397 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

1.5 HP/1750 rpm/145TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
460	3.75	198	2.49	325	201UCBN2A3.6A_B	4767170	201UCFN2A3.6A_B	4767757
341	5.07	267	2.10	332	5.0	4767174	5.0	4767761
299	5.76	304	1.95	334	5.6	4767178	5.6	4767765
264	6.53	346	1.80	336	6.3	4767182	6.3	4767769
207	8.35	442	1.54	335	8.0	4767186	8.0	4767773
192	9.00	476	1.45	333	9.0	4767190	9.0	4767777
152	11.36	599	1.21	325	11.	4767194	11.	4767781
134	12.88	684	1.08	301	12.	4767197	12.	4767784
117	14.71	780	0.98	332	14.	4767200	14.	4767787
105	16.37	862	0.91	303	16.	4767203	16.	4767790
96	18.05	955	0.83	236	18.	4767206	18.	4767793
343	5.03	267	3.61	853	202UCBN2A5.0A_B	4767237	202UCFN2A5.0A_B	4767824
311	5.55	293	3.41	842	5.6	4767241	5.6	4767828
274	6.30	332	3.16	825	6.3	4767245	6.3	4767832
216	8.00	424	2.73	785	8.0	4767249	8.0	4767836
190	9.09	482	2.49	868	9.0	4767253	9.0	4767840
155	11.15	592	2.11	823	11.	4767257	11.	4767844
139	12.37	657	1.94	797	12.	4767261	12.	4767848
123	14.05	745	1.74	766	14.	4767265	14.	4767852
108	15.97	845	1.61	899	16.	4767269	16.	4767856
98	17.58	932	1.47	899	18.	4767272	18.	4767859
85	20.23	1071	1.32	865	20.	4767275	20.	4767862
78	21.99	1164	1.22	834	22.	4767278	22.	4767865
65	26.40	1397	1.01	899	28.	4767281	28.	4767868
54	31.68	1672	0.85	827	32.	4767284	32.	4767871
311	5.55	294	3.99	842	203UCBN2A5.6A_B	4767307	203UCFN2A5.6A_B	4767894
274	6.30	333	3.69	825	6.3	4767311	6.3	4767898
216	8.00	425	3.16	785	8.0	4767315	8.0	4767902
190	9.09	483	2.91	758	9.0	4767319	9.0	4767906
155	11.15	592	2.54	704	11.	4767323	11.	4767910
139	12.37	657	2.37	797	12.	4767327	12.	4767914
123	14.05	744	2.18	766	14.	4767331	14.	4767918
108	15.97	847	2.03	899	16.	4767335	16.	4767922
98	17.58	933	1.87	899	18.	4767338	18.	4767925
85	20.23	1071	1.70	865	20.	4767341	20.	4767928
78	21.99	1166	1.59	834	22.	4767344	22.	4767931
65	26.40	1399	1.32	751	28.	4767347	28.	4767934
54	31.68	1665	1.11	560	32.	4767350	32.	4767937
48	35.69	1874	0.99	674	36.	4767353	36.	4767940
118	14.58	774	3.16	1276	204UCBN2A14.A_B	4767390	204UCFN2A14.A_B	4767977
106	16.31	865	2.93	1307	16.	4767394	16.	4767981
99	17.39	922	2.80	1329	18.	4767398	18.	4767985
84	20.61	1095	2.42	1360	20.	4767402	20.	4767989
78	22.00	1165	2.30	1416	22.	4767406	22.	4767993
63	27.30	1451	1.92	1477	28.	4767410	28.	4767997
54	32.19	1702	1.67	1491	32.	4767414	32.	4768001
49	35.25	1870	1.54	1497	36.	4767418	36.	4768005
40	43.20	2275	1.30	1583	45.	4767422	45.	4768009
36	48.15	2533	1.18	1568	50.	4767426	50.	4768013
32	54.00	2845	0.84	1618	56.	4767430	56.	4768017
30	58.38	3041	0.94	1611	204UCBN3A56.A_B	4768435	204UCFN3A56.A_B	4768707
27	64.29	3367	0.88	1571	63.	4768439	63.	4768711
84	20.61	1094	3.64	1298	205UCBN2A20.A_B	4767471	205UCFN2A20.A_B	4768058
78	22.00	1167	3.41	1302	22.	4767475	22.	4768062
63	27.30	1448	2.75	1301	28.	4767479	28.	4768066
54	32.19	1702	1.67	1468	32.	4767183	32.	4768070
49	35.25	1870	1.54	1446	36.	4767487	36.	4768074
40	43.20	2275	1.30	1249	45.	4767491	45.	4768078
36	48.15	2536	1.19	1477	50.	4767495	50.	4768082
32	54.00	2845	0.84	1566	56.	4767499	56.	4768086
30	58.38	3053	1.30	1223	205UCBN3A56.A_B	4768469	205UCFN3A56.A_B	4768741
27	64.29	3372	1.18	1067	63.	4768473	63.	4768745
23	73.95	3862	1.03	1167	71.	4768477	71.	4768749
21	80.40	4223	0.94	992	80.	4768481	80.	4768753

Motors are available from the Factory or Distributors.

1.5 HP/145TC Motor Part No. 1940398 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

1.5 HP/1750 rpm/145TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
63	27.24	1448	3.82	1618	206UCBN2A28.A_B	4767545	206UCFN2A28.A_B	4768132
51	33.80	1796	3.08	1618	32.	4767549	32.	4768136
43	39.86	2109	2.63	1598	36.	4767553	36.	4768140
40	43.64	2311	2.40	1618	45.	4767557	45.	4768144
32	53.49	2827	1.62	1618	50.	4767561	50.	4768148
29	59.61	3146	1.32	1618	56.	4767565	56.	4768152
27	66.86	1691	0.88	1618	63.	4767569	63.	4768156
24	72.28	3786	1.42	1618	206UCBN3A63.A_B	4768503	206UCFN3A63.A_B	4768775
22	79.60	4178	1.26	1618	71.	4768507	71.	4768779
19	91.56	4803	1.14	1618	80.	4768511	80.	4768783
17	99.54	5196	1.07	1618	100	4768515	100	4768787
14	119.50	6224	0.89	1618	112	4768517	112	4768791
49	35.17	1861	3.96	1972	207UCBN2A36.A_B	4767641	207UCFN2A36.A_B	4768228
41	42.21	2226	3.37	2015	45.	4767646	45.	4768233
36	48.56	2556	2.42	2211	50.	4767651	50.	4768238
32	53.96	2832	1.86	2118	56.	4767656	56.	4768243
29	58.95	3082	2.04	2248	207UCBN3A56.A_B	4768537	207UCFN3A56.A_B	4768809
27	62.83	3285	1.95	2248	63.	4768541	63.	4768813
23	74.47	3900	1.74	2248	71.	4768545	71.	4768817
22	79.51	4155	1.67	2248	80.	4768549	80.	4768821
17	98.66	5189	1.43	1757	100	4768553	100	4768825
15	116.34	6142	1.25	1452	112	4768557	112	4768829
13	127.39	6705	1.15	1262	125	4768561	125	4768833
11	156.12	8209	0.94	913	160	4768565	160	4768837
10	174.01	9130	0.84	530	180	4768569	180	4768841
23	74.69	3887	3.67	4496	208UCBN3A71.A_B	4768585	208UCFN3A71.A_B	4768857
20	84.31	4390	3.37	4496	80.	4768589	80.	4768861
17	102.20	5335	2.82	4496	100	4768593	100	4768865
14	119.19	6208	2.42	4496	112	4768597	112	4768869
13	130.92	6829	2.20	4496	125	4768601	125	4768873
11	160.45	8369	1.80	4496	160	4768605	160	4768877
10	175.21	9130	1.65	4496	180	4768609	180	4768881
8.5	201.75	10554	1.43	4023	200	4768613	200	4768885
7.5	228.91	11663	1.04	4252	208UCBN4A225A_B	4768969	208UCFN4A225A_B	4768985
6.7	258.98	13177	0.98	4017	250	4768971	250	4768987
5.7	301.21	15328	0.85	4017	280	4768973	280	4768989
13	128.66	6742	3.75	6639	09UCBN3A125A_B	4741962	09UCFN3A125A_B	4723312
12	145.20	7563	2.89	6629	140	4741966	140	4723316
11	160.29	8352	2.62	6618	160	4741970	160	4723320
7.5	231.06	11917	1.96	5780	09UCBN4B225A_B	4769001	09UCFN4B225A_B	4769027
6.7	258.09	13293	1.90	5609	250	4769003	250	4769029
5.7	300.18	15457	1.64	5609	280	4769005	280	4769031
5.1	335.85	17270	1.46	5609	300	4769007	300	4769033
4.8	357.95	18425	1.37	5609	360	4769009	360	4769035
4.1	424.23	21820	1.16	5609	400	4769011	400	4769037
3.7	471.32	24208	1.04	5609	450	4769013	450	4769039
3.4	503.22	25840	0.98	5609	500	4769015	500	4769041
7.8	220.22	11288	3.46	9347	10UCBN4B225A_B	4769052	10UCFN4B225A_B	4769084
7.1	242.24	12416	3.15	9347	250	4769054	250	4769086
6.2	278.36	14263	2.74	9347	280	4769056	280	4769088
5.5	315.65	16154	2.42	9347	300	4769058	300	4769090
5.0	348.16	17831	2.19	9347	360	4769060	360	4769092
4.3	398.71	20413	1.91	9347	400	4769063	400	4769095
3.9	443.06	22649	1.72	9347	450	4769066	450	4769098
3.4	500.94	25594	1.53	9347	500	4769069	500	4769101
3.0	580.78	29652	1.32	9347	650	4769071	650	4769103
2.5	692.72	35330	1.11	9347	730	4769073	730	4769105
2.1	828.21	42098	0.93	9347	860	4769075	860	4769107

Motors are available from the Factory or Distributors.

1.5 HP/145TC Motor Part No. 1940398 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

2.0 HP/1750 rpm/145TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
460	3.75	264	1.86	309	201UCBN2A3.6A_B	4767170	201UCFN2A3.6A_B	4767757
341	5.07	357	1.57	311	5.0	4767174	5.0	4767761
299	5.76	406	1.46	310	5.6	4767178	5.6	4767765
264	6.53	462	1.35	308	6.3	4767182	6.3	4767769
207	8.35	589	1.16	301	8.0	4767186	8.0	4767773
192	9.00	634	1.09	296	9.0	4767190	9.0	4767777
152	11.36	799	0.91	285	11.	4767194	11.	4767781
134	12.88	912	0.81	251	12.	4767197	12.	4767784
481	3.59	253	3.29	813	202UCBN2A3.6A_B	4767233	202UCFN2A3.6A_B	4767820
343	5.03	356	2.71	834	5.0	4767237	5.0	4767824
311	5.55	391	2.56	819	5.6	4767241	5.6	4767828
274	6.30	443	2.37	796	6.3	4767245	6.3	4767832
216	8.00	565	2.05	740	8.0	4767249	8.0	4767836
190	9.09	643	1.87	856	9.0	4767253	9.0	4767840
155	11.15	790	1.58	793	11.	4767257	11.	4767844
139	12.37	876	1.45	756	12.	4767261	12.	4767848
123	14.05	994	1.31	713	14.	4767265	14.	4767852
108	15.97	1126	1.21	899	16.	4767269	16.	4767856
98	17.58	1242	1.10	899	18.	4767272	18.	4767859
85	20.23	1428	0.99	851	20.	4767275	20.	4767862
78	21.99	1552	0.91	809	22.	4767278	22.	4767865
481	3.59	253	3.91	813	203UCBN2A3.6A_B	4767299	203UCFN2A3.6A_B	4767886
343	5.03	356	3.18	834	5.0	4767303	5.0	4767890
311	5.55	393	2.99	819	5.6	4767307	5.6	4767894
274	6.30	444	2.77	796	6.3	4767311	6.3	4767898
216	8.00	566	2.37	740	8.0	4767315	8.0	4767902
190	9.09	645	2.18	702	9.0	4767319	9.0	4767906
155	11.15	790	1.90	626	11.	4767323	11.	4767910
139	12.37	876	1.78	756	12.	4767327	12.	4767914
123	14.05	992	1.63	713	14.	4767331	14.	4767918
108	15.97	1129	1.52	899	16.	4767335	16.	4767922
98	17.58	1244	1.40	899	18.	4767338	18.	4767925
85	20.23	1429	1.28	851	20.	4767341	20.	4767928
78	21.99	1554	1.19	809	22.	4767344	22.	4767931
65	26.40	1865	0.99	692	28.	4767347	28.	4767934
54	31.68	2221	0.83	424	32.	4767350	32.	4767937
138	12.54	888	2.65	1218	204UCBN2A12.A_B	4767386	204UCFN2A12.A_B	4767973
118	14.58	1033	2.37	1243	14.	4767390	14.	4767977
106	16.31	1154	2.20	1269	16.	4767394	16.	4767981
99	17.39	1229	2.10	1289	18.	4767398	18.	4767985
84	20.61	1460	1.82	1300	20.	4767402	20.	4767989
78	22.00	1554	1.73	1366	22.	4767406	22.	4767993
63	27.30	1934	1.44	1421	28.	4767410	28.	4767997
54	32.19	2269	1.26	1440	32.	4767414	32.	4768001
49	35.25	2494	1.16	1448	36.	4767418	36.	4768005
40	43.20	3033	0.97	1569	45.	4767422	45.	4768009
36	48.15	3377	0.89	1548	50.	4767426	50.	4768013
118	14.58	1035	3.85	1198	205UCBN2A14.A_B	4767459	205UCFN2A14.A_B	4768046
106	16.31	1156	3.44	1222	16.	4767463	16.	4768050
99	17.39	1232	3.23	1243	18.	4767467	18.	4768054
84	20.61	1459	2.73	1235	20.	4767471	20.	4768058
78	22.00	1557	2.56	1229	22.	4767475	22.	4768062
63	27.30	1931	2.06	1185	28.	4767479	28.	4768066
54	32.19	2269	1.26	1408	32.	4767483	32.	4768070
49	35.25	2494	1.16	1377	36.	4767487	36.	4768074
40	43.20	3033	0.97	1101	45.	4767491	45.	4768078
36	48.15	3382	0.89	1420	50.	4767495	50.	4768082
30	58.38	4071	0.98	1065	205UCBN3A56.A_B	4768469	205UCFN3A56.A_B	4768741
27	64.29	4497	0.89	846	63.	4768473	63.	4768745

Motors are available from the Factory or Distributors.

2.0 HP/145TC Motor Part No. 1940399 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

2.0 HP/1750 rpm/145TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
85	20.20	1432	3.87	1618	206UCBN2A18.A_B	4767533	206UCFN2A18.A_B	4768120
80	21.53	1526	3.63	1618	20.	4767537	20.	4768124
68	25.51	1810	3.06	1618	22.	4767541	22.	4768128
63	27.24	1931	2.87	1618	28.	4767545	28.	4768132
51	33.80	2395	2.31	1618	32.	4767549	32.	4768136
43	39.86	2813	1.97	1590	36.	4767553	36.	4768140
40	43.64	3081	1.80	1618	45.	4767557	45.	4768144
32	53.49	3769	1.22	1618	50.	4767561	50.	4768148
29	59.61	4195	0.99	1618	56.	4767565	56.	4768152
24	72.28	5048	1.06	1618	206UCBN3A63.A_B	4768503	206UCFN3A63.A_B	4768775
22	79.60	5571	0.95	1618	71.	4768507	71.	4768779
19	91.56	6404	0.85	1618	80.	4768511	80.	4768783
64	26.93	1899	3.77	1893	207UCBN2A28.A_B	4767631	207UCFN2A28.A_B	4768218
54	32.12	2265	3.22	1882	32.	4767636	32.	4768223
49	35.17	2481	2.97	1835	36.	4767641	36.	4768228
41	42.21	2969	2.52	1899	45.	4767646	45.	4768233
36	48.56	3408	1.82	2192	50.	4767651	50.	4768238
32	53.96	3776	1.39	2054	56.	4767656	56.	4768243
29	58.95	4140	1.52	1987	207UCBN3A56.A_B	4768537	207UCFN3A56.A_B	4768809
27	62.83	4414	1.45	1864	63.	4768541	63.	4768813
23	74.47	5239	1.29	1583	71.	4768545	71.	4768817
22	79.51	5582	1.24	1462	80.	4768549	80.	4768821
17	98.66	6919	1.08	1430	100	4768553	100	4768825
15	116.34	8190	0.94	921	112	4768557	112	4768829
13	127.39	8940	0.86	604	125	4768561	125	4768833
31	55.80	3914	3.44	4243	208UCBN2A56.A_B	4767751	208UCFN2A56.A_B	4768338
29	60.33	4177	3.20	4496	208UCBN3A56.A_B	4768577	208UCFN3A56.A_B	4768849
26	66.02	4611	2.99	4496	63.	4768581	63.	4768853
23	74.69	5182	2.75	4496	71.	4768585	71.	4768857
20	84.31	5854	2.52	4496	80.	4768589	80.	4768861
17	102.20	7114	2.11	4496	100	4768593	100	4768865
14	119.19	8341	1.80	3918	112	4768597	112	4768869
13	130.92	9175	1.64	3722	125	4768601	125	4768873
11	160.45	11244	1.34	3443	160	4768605	160	4768877
10	175.21	12266	1.23	3130	180	4768609	180	4768881
8.5	201.75	14072	1.07	3708	200	4768613	200	4768885
18	93.92	6559	3.56	6646	09UCBN3A90.A_B	4741950	09UCFN3A90.A_B	4742300
17	103.68	7244	3.23	6639	100	4741954	100	4742304
15	116.55	8148	3.11	6631	112	4741958	112	4742308
13	128.66	8990	2.82	6609	125	4741962	125	4742312
12	145.20	10084	2.17	6594	140	4741966	140	4742316
11	160.29	11136	1.96	6578	160	4741970	160	4742320
7.5	231.06	15889	1.47	5780	09UCBN4B225A_B	4769001	09UCFN4B225A_B	4769027
6.7	258.09	17725	1.43	5609	250	4769003	250	4769029
5.7	300.18	20609	1.23	5609	280	4769005	280	4769031
5.1	335.85	23027	1.10	5609	300	4769007	300	4769033
4.8	357.95	24566	1.03	5609	360	4769009	360	4769035
4.1	424.23	29094	0.87	5609	400	4769011	400	4769037
7.8	220.22	15051	2.59	9347	10UCBN4B225A_B	4769052	10UCFN4B225A_B	4769084
7.1	242.24	16554	2.36	9347	250	4769054	250	4769086
6.2	278.36	19018	2.05	9347	280	4769056	280	4769088
5.5	315.65	21538	1.81	9347	300	4769058	300	4769090
5.0	348.16	23775	1.64	9347	360	4769060	360	4769092
4.3	398.71	27217	1.43	9347	400	4769063	400	4769095
3.9	443.06	30198	1.29	9347	450	4769066	450	4769098
3.4	500.94	34125	1.14	9347	500	4769069	500	4769101
3.0	580.78	39536	0.99	9347	650	4769071	650	4769103
2.5	692.72	47106	0.83	9347	730	4769073	730	4769105

Motors are available from the Factory or Distributors.

2.0 HP/145TC Motor Part No. 1940399 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

3.0 HP/1750 rpm/182TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
460	3.75	396	1.24	278	201UCBN2A3.6A_C	4767171	201UCFN2A3.6A_C	4767758
341	5.07	535	1.05	269	5.0	4767175	5.0	4767762
299	5.76	609	0.97	263	5.6	4767179	5.6	4767766
264	6.53	693	0.90	254	6.3	4767183	6.3	4767770
481	3.59	379	2.19	790	202UCBN2A3.6A_C	4767234	202UCFN2A3.6A_C	4767821
343	5.03	534	1.81	797	5.0	4767238	5.0	4767825
311	5.55	586	1.71	774	5.6	4767242	5.6	4767829
274	6.30	665	1.58	737	6.3	4767246	6.3	4767833
216	8.00	848	1.37	649	8.0	4767250	8.0	4767837
190	9.09	965	1.25	831	9.0	4767254	9.0	4767841
155	11.15	1185	1.05	733	11.	4767258	11.	4767845
139	12.37	1314	0.97	674	12.	4767262	12.	4767849
123	14.05	1491	0.87	607	14.	4767266	14.	4767853
481	3.59	380	2.60	790	203UCBN2A3.6A_C	4767300	203UCFN2A3.6A_C	4767887
343	5.03	534	2.12	797	5.0	4767304	5.0	4767891
311	5.55	589	2.00	774	5.6	4767308	5.6	4767895
274	6.30	666	1.85	737	6.3	4767312	6.3	4767899
216	8.00	850	1.58	649	8.0	4767316	8.0	4767903
190	9.09	967	1.45	589	9.0	4767320	9.0	4767907
155	11.15	1185	1.27	470	11.	4767324	11.	4767911
139	12.37	1314	1.19	674	12.	4767328	12.	4767915
123	14.05	1488	1.09	607	14.	4767332	14.	4767919
488	3.59	393	4.45	981	204UCBN2A3.6A_C	4767364	204UCFN2A3.6A_C	4767951
342	5.04	535	3.68	1034	5.0	4767367	5.0	4767954
305	5.65	599	3.45	1049	5.6	4767370	5.6	4767957
272	6.34	674	3.23	1067	6.3	4767373	6.3	4767960
214	8.05	855	2.80	1103	8.0	4767376	8.0	4767963
189	9.13	970	2.60	1122	9.0	4767379	9.0	4767966
158	10.89	1157	2.31	1144	11.	4767382	11.	4767969
138	12.54	1332	1.77	1160	12.	4767387	12.	4767974
118	14.58	1549	1.58	1176	14.	4767391	14.	4767978
106	16.31	1731	1.47	1194	16.	4767395	16.	4767982
99	17.39	1844	1.40	1209	18.	4767399	18.	4767986
84	20.61	2191	1.21	1180	20.	4767403	20.	4767990
78	22.00	2331	1.15	1266	22.	4767407	22.	4767994
63	27.30	2902	0.96	1308	28.	4767411	28.	4767998
54	32.19	3404	0.84	1338	32.	4767415	32.	4768002
158	10.89	1160	3.43	1104	205UCBN2A11.A_C	4767451	205UCFN2A11.A_C	4768038
138	12.54	1334	2.82	1118	12.	4767456	12.	4768043
118	14.58	1553	2.56	1133	14.	4767460	14.	4768047
106	16.31	1734	2.30	1151	16.	4767464	16.	4768051
99	17.39	1848	2.15	1166	18.	4767468	18.	4768055
84	20.61	2188	1.82	1111	20.	4767472	20.	4768059
78	22.00	2335	1.71	1082	22.	4767476	22.	4768063
63	27.30	2897	1.37	954	28.	4767480	28.	4768067
54	32.19	3404	0.84	1288	32.	4767484	32.	47680714
128	13.48	1435	3.72	1618	206UCBN2A12.A_C	4767521	206UCFN2A12.A_C	4768108
111	15.52	1654	2.82	1618	14.	4767526	14.	4768113
96	18.05	1921	2.75	1618	16.	4767530	16.	4768117
85	20.20	2149	2.58	1618	18.	4767534	18.	4768121
80	21.53	2290	2.42	1618	20.	4767538	20.	4768125
68	25.51	2715	2.04	1618	22.	4767542	22.	4768129
63	27.24	2897	1.91	1618	28.	4767546	28.	4768133
51	33.80	3592	1.54	1618	32.	4767550	32.	4768137
43	39.86	4219	1.31	1574	36.	4767554	36.	4768141
40	43.64	4622	1.20	1618	45.	4767558	45.	4768145
32	53.49	5654	0.81	1618	50.	4767562	50.	4768149
106	16.26	1725	3.93	1900	207UCBN2A16.A_C	4767612	207UCFN2A16.A_C	4768200
96	17.94	1905	3.59	1861	18.	4767617	18.	4768204
84	20.54	2179	3.21	1799	20.	4767622	20.	4768209
74	23.23	2461	2.87	1730	22.	4767627	22.	4768214
64	26.93	2849	2.52	1656	28.	4767632	28.	4768219
54	32.12	3398	2.15	1638	32.	4767637	32.	4768224
49	35.17	3722	1.98	1559	36.	4767642	36.	4768229
41	42.21	4453	1.68	1667	45.	4767647	45.	4768234
36	48.56	5113	1.21	2156	50.	4767652	50.	4768239
32	53.96	5664	0.93	1924	56.	4767657	56.	4768244

Motors are available from the Factory or Distributors.

3.0 HP/182TC Motor Part No. 1940400 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

3.0 HP/1750 rpm/182TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
48	36.21	3839	3.69	4066	208UCBN2A36.A_C	4767734	208UCFN2A36.A_C	4768321
39	44.38	4706	3.08	3933	45.	4767740	45.	4768327
36	48.46	5130	2.85	3863	50.	4767746	50.	4768333
31	55.8	5871	2.29	3991	56.	4767752	56.	4768339
29	60.33	6266	2.13	4496	208UCBN3A56.A_C	4768578	208UCFN3A56.A_C	4768850
26	66.02	6917	2.00	4496	63.	4768582	63.	4768854
23	74.69	7774	1.83	4159	71.	4768586	71.	4768858
20	84.31	8781	1.68	3906	80.	4768590	80.	4768862
17	102.20	10671	1.41	3910	100	4768594	100	4768866
14	119.19	12417	1.21	3340	112	4768598	112	4768870
13	130.92	13659	1.10	2947	125	4768602	125	4768874
11	160.45	16739	0.90	2600	160	4768606	160	4768878
10	175.21	18260	0.82	2037	180	4768610	180	4768882
31	55.18	5833	3.08	6654	09UCBN2A56.A_C	4740801	09UCFN2A56.A_C	4741620
28	61.13	6468	3.38	6654	63.	4740807	63.	4741626
25	68.74	7253	3.01	6632	71.	4740813	71.	4741632
29	59.85	6275	3.44	6646	09UCBN3A56.A_C	4741935	09UCFN3A56.A_C	4742285
26	66.49	6972	3.20	6634	63.	4741939	63.	4742289
23	74.26	7778	3.11	6634	71.	4741943	71.	4742293
21	82.51	8648	2.89	6621	80.	4741947	80.	4742297
18	93.92	9838	2.37	6596	90.	4741951	90.	4742301
17	103.68	10866	2.15	6584	100	4741955	100	4742305
15	116.55	12223	2.07	6571	112	4741959	112	4742309
13	128.66	13485	1.88	6549	125	4741963	125	4742313
12	145.20	15126	1.45	6524	140	4741967	140	4742317
11	160.29	16705	1.31	6497	160	4741971	160	4742321
18	95.44	9990	3.34	11128	10UCBN3A90.A_C	4763115	10UCFN3A90.A_C	4763359
16	109.97	11508	2.90	11061	100	4763121	100	4763365
15	112.77	11795	3.31	11061	112	4763127	112	4763371
13	129.94	13586	2.87	10993	125	4763133	125	4763377
13	135.88	14139	2.60	10971	140	4763139	140	4763383
11	156.57	16288	2.26	10881	160	4763145	160	4763389
7.8	220.22	22577	1.73	9347	10UCBN4B225A_C	4769053	10UCFN4B225A_C	4769085
7.1	242.24	24832	1.57	9347	250	4769055	250	4769087
6.2	278.36	28527	1.37	9347	280	4769057	280	4769089
5.5	315.65	32308	1.21	9347	300	4769059	300	4769091
5.0	348.16	35662	1.10	9347	360	4769061	360	4769093
4.3	398.71	40826	0.96	9347	400	4769064	400	4769096
3.9	443.06	45298	0.86	9347	450	4769067	450	4769099

Motors are available from the Factory or Distributors.

3.0 HP/182TC Motor Part No. 1940400 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

5.0 HP/1750 rpm/184TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
481	3.59	634	1.56	744	203UCBN2A3.6A_C	4767300	203UCFN2A3.6A_C	4767887
343	5.03	890	1.27	723	5.0	4767304	5.0	4767891
311	5.55	982	1.20	683	5.6	4767308	5.6	4767895
274	6.3	1110	1.11	620	6.3	4767312	6.3	4767899
216	8.0	1417	0.95	467	8.0	4767316	8.0	4767903
481	3.58	629	2.67	964	204UCBN2A3.6A_C	4767364	204UCFN2A3.6A_C	4767951
342	5.04	893	2.21	987	5.0	4767367	5.0	4767954
305	5.65	999	2.07	997	5.6	4767370	5.6	4767957
272	6.34	1123	1.94	1010	6.3	4767373	6.3	4767960
214	8.05	1426	1.68	1015	8.0	4767376	8.0	4767963
189	9.13	1617	1.56	983	9.0	4767379	9.0	4767966
158	10.89	1929	1.39	922	11.	4767382	11.	4767969
138	12.54	2220	1.06	1045	12.	4767387	12.	4767974
118	14.58	2583	0.95	1043	14.	4767391	14.	4767978
106	16.31	2885	0.88	1045	16.	4767395	16.	4767982
484	3.58	693	3.72	921	205UCBN2A3.6A_C	4767433	205UCFN2A3.6A_C	4768020
342	5.04	894	3.78	950	5.0	4767436	5.0	4768023
305	5.65	1006	3.62	961	5.6	4767439	5.6	4768026
272	6.34	1124	3.25	973	6.3	4767442	6.3	4768029
214	8.05	1434	2.78	968	8.0	4767445	8.0	4768032
189	9.13	1621	2.46	939	9.0	4767448	9.0	4768035
158	10.89	1933	2.06	884	11.	4767451	11.	4768038
138	12.54	2224	1.69	1007	12.	4767456	12.	4768043
118	14.58	2588	1.54	1005	14.	4767460	14.	4768047
106	16.31	2891	1.38	1007	16.	4767464	16.	4768051
99	17.39	3080	1.29	1011	18.	4767468	18.	4768055
84	20.61	3647	1.09	861	20.	4767472	20.	4768059
78	22.00	3892	1.02	789	22.	4767476	22.	4768063
391	4.44	860	3.72	1618	206UCBN2A5.0A_C	4767502	206UCFN2A5.0A_C	4768089
276	6.24	1107	3.78	1618	5.6	4767505	5.6	4768092
247	6.99	1246	3.62	1618	6.3	4767508	6.3	4768095
220	7.85	1390	3.25	1618	8.0	4767511	8.0	4768098
173	9.97	1773	2.93	1618	9.0	4767514	9.0	4768101
153	11.30	2006	2.62	1618	11.	4767517	11.	4768104
128	13.48	2391	2.23	1549	12.	4767521	12.	4768108
111	15.52	2757	1.69	1618	14.	4767526	14.	4768113
96	18.05	3202	1.65	1618	16.	4767530	16.	4768117
85	20.20	3582	1.55	1618	18.	4767534	18.	4768121
80	21.53	3817	1.45	1618	20.	4767538	20.	4768125
68	25.51	4526	1.22	1618	22.	4767542	22.	4768129
63	27.24	4828	1.15	1618	28.	4767546	28.	4768133
51	33.80	5987	0.93	1618	32.	4767550	32.	4768137
472	3.68	706	3.82	1645	207UCBN2A3.6A_C	4767571	207UCFN2A3.6A_C	4768158
341	5.09	981	3.82	1708	5.0	4767575	5.0	4768162
303	5.72	1104	3.82	1728	5.6	4767579	5.6	4768166
276	6.29	1215	3.82	1753	6.3	4767583	6.3	4768170
211	8.22	1596	3.41	1827	8.0	4767587	8.0	4768174
186	9.34	1807	3.17	1861	9.0	4767591	9.0	4768178
152	11.35	2011	3.07	1771	11.	4767597	11.	4768184
138	12.48	2208	2.88	1740	12.	4767602	12.	4768189
120	14.34	2540	2.58	1683	14.	4767607	14.	4768194
106	16.26	2875	2.36	1622	16.	4767612	16.	4768199
96	17.94	3175	2.15	1552	18.	4767617	18.	4768204
84	20.54	3632	1.92	1439	20.	4767622	20.	4768209
74	23.23	4102	1.72	1317	22.	4767627	22.	4768214
64	26.93	4749	1.51	1183	28.	4767632	28.	4768219
54	32.12	5664	1.29	1150	32.	4767637	32.	4768224
49	35.17	6203	1.19	1008	36.	4767642	36.	4768229
41	42.21	7423	1.01	1203	45.	4767647	45.	4768234

Motors are available from the Factory or Distributors.

5.0 HP/184TC Motor Part No. 1940401 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz,NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

5.0 HP/1750 rpm/184TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
104	16.69	3222	3.85	3798	208UCBN2A16.A_C	4767698	208UCFN2A16.A_C	4768285
94	18.26	3229	3.73	3483	18.	4767704	18.	4768291
83	20.66	3647	3.54	3462	20.	4767710	20.	4768297
74	23.32	4122	3.20	3490	22.	4767716	22.	4768303
61	28.27	5021	2.70	3564	28.	4767722	28.	4768309
52	32.97	5809	2.38	3398	32.	4767728	32.	4768315
48	36.21	6399	2.21	3636	36.	4767734	36.	4768321
39	44.38	7843	1.85	3370	45.	4767740	45.	4768327
36	48.46	8550	1.71	3230	50.	4767746	50.	4768333
31	55.80	9785	1.37	3485	56.	4767752	56.	4768339
29	60.33	11416	1.17	3302	208UCBN3A56.A_C	4768578	208UCFN3A56.A_C	4768850
26	66.02	12601	1.10	3105	63.	4768582	63.	4768854
23	74.69	14162	1.01	3596	71.	4768586	71.	4768858
21	84.31	15997	0.92	2921	80.	4768590	80.	4768863
53	32.31	5746	3.36	6117	09UCBN2A32.A_C	4740771	09UCFN2A32.A_C	4741590
48	35.67	6295	3.09	6354	36.	4740777	36.	4741596
43	40.25	7128	3.07	6572	40.	4740783	40.	4741602
39	44.44	7875	2.78	6594	45.	4740789	45.	4741608
35	49.07	8655	2.32	6553	50.	4740795	50.	4741614
31	55.18	9722	1.85	6603	56.	4740801	56.	4741620
28	61.13	10781	2.03	6590	63.	4740807	63.	4741626
25	68.74	12089	1.81	6561	71.	4740813	71.	4741632
29	59.85	10459	2.06	6586	09UCBN3A56.A_C	4741935	09UCFN3A56.A_C	4742285
26	66.49	11620	1.92	6564	63.	4741939	63.	4742289
23	74.26	12963	1.86	6564	71.	4741943	71.	4742293
21	82.51	14413	1.73	6542	80.	4741947	80.	4742297
18	93.92	16397	1.42	6497	90.	4741951	90.	4742301
17	103.68	18111	1.29	6474	100	4741955	100	4742305
15	116.55	20371	1.24	6452	112	4741959	112	4742309
13	128.66	22476	1.13	6429	125	4741963	125	4742313
36	47.93	9229	3.80	9554	10UCBN2A50.A_C	4763067	10UCFN2A50.A_C	4763311
33	51.49	9060	3.78	9808	56.	4763073	56.	4763317
30	57.75	10165	3.62	10177	63.	4763079	63.	4763323
28	62.05	10880	3.38	10408	71.	4763085	71.	4763329
29	60.23	10517	3.17	10296	10UCBN3A56.A_C	4763091	10UCFN3A56.A_C	4763335
26	66.93	11686	2.86	10633	63.	4763097	63.	4763341
24	71.17	12422	3.01	10851	71.	4763103	71.	4763347
22	79.08	13801	2.80	10986	80.	4763109	80.	4763353
18	95.44	16650	2.00	10839	90.	4763115	90.	4763359
16	109.97	19181	1.74	10733	100	4763121	100	4763365
15	112.77	19659	1.99	10733	112	4763127	112	4763371
13	129.94	22644	1.72	10614	125	4763133	125	4763377
13	135.88	23565	1.56	10591	140	4763139	140	4763383
11	156.57	27148	1.36	10441	160	4763145	160	4763389
7.8	220.22	37628	1.04	9347	10UCBN4B225A_C	4769053	10UCFN4B225A_C	4769085
7.1	242.24	41387	0.94	9347	250	4769055	250	4769087

Motors are available from the Factory or Distributors.

5.0 HP/184TC Motor Part No. 1940401 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

7.5 HP/1750 rpm/213TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
481	3.58	944	1.78	923	204UCBN2A3.6A_D	4767365	204UCFN2A3.6A_D	4767952
342	5.04	1339	1.47	930	5.0	4767368	5.0	4767955
305	5.65	1498	1.38	932	5.6	4767371	5.6	4767958
272	6.34	1685	1.29	937	6.3	4767374	6.3	4767961
214	8.05	2139	1.12	905	8.0	4767377	8.0	4767964
189	9.13	2425	1.04	809	9.0	4767380	9.0	4767967
158	10.89	2894	0.92	644	11.	4767383	11.	4767970
481	3.58	952	2.71	889	205UCBN2A3.6A_D	4767434	205UCFN2A3.6A_D	4768021
342	5.04	1341	2.52	894	5.0	4767437	5.0	4768024
305	5.65	1510	2.41	898	5.6	4767440	5.6	4768027
272	6.34	1686	2.17	903	6.3	4767443	6.3	4768030
214	8.05	2152	1.85	849	8.0	4767446	8.0	4768033
189	9.13	2432	1.64	761	9.0	4767449	9.0	4768036
158	10.89	2900	1.37	609	11.	4767452	11.	4768039
389	4.44	1180	2.71	1618	206UCBN2A5.0A_D	4767503	206UCFN2A5.0A_D	4768090
276	6.24	1661	2.52	1618	5.6	4767506	5.6	4768093
247	6.99	1869	2.41	1618	6.3	4767509	6.3	4768096
220	7.85	2086	2.17	1618	8.0	4767512	8.0	4768099
173	9.97	2660	1.96	1618	9.0	4767515	9.0	4768102
153	11.30	3010	1.75	1618	11.	4767518	11.	4768105
128	13.48	3587	1.49	1462	12.	4767522	12.	4768109
469	3.68	969	2.78	1620	207UCBN2A3.6A_D	4767572	207UCFN2A3.6A_D	4768159
339	5.09	1347	2.78	1674	5.0	4767576	5.0	4768163
301	5.72	1516	2.78	1690	5.6	4767580	5.6	4768167
274	6.29	1668	2.78	1712	6.3	4767584	6.3	4768171
210	8.22	2190	2.49	1773	8.0	4767588	8.0	4768175
185	9.34	2480	2.31	1800	9.0	4767592	9.0	4768179
152	11.35	3017	2.04	1591	11.	4767598	11.	4768185
138	12.48	3312	1.92	1521	12.	4767603	12.	4768190
120	14.34	3811	1.72	1397	14.	4767608	14.	4768195
106	16.26	4313	1.57	1275	16.	4767613	16.	4768200
96	17.94	4762	1.43	1166	18.	4767618	18.	4768205
84	20.54	5449	1.28	990	20.	4767623	20.	4768210
74	23.23	6153	1.15	800	22.	4767628	22.	4768215
64	26.93	7123	1.01	591	28.	4767633	28.	4768220
54	32.12	8496	0.86	540	32.	4767638	32.	4768225
50	35.17	9198	0.80	299	36.	4767643	36.	4768230
133	12.92	3445	3.31	3327	208UCBN2A12.A_D	4767689	208UCFN2A12.A_D	4768276
115	15.04	3993	3.01	3308	14.	4767693	14.	4768280
103	16.69	4421	2.80	3150	16.	4767699	16.	4768286
94	18.26	4843	2.49	3103	18.	4767705	18.	4768292
83	20.66	5471	2.36	3013	20.	4767711	20.	4768298
74	23.32	6183	2.13	2961	22.	4767717	22.	4768304
61	28.27	7532	1.80	2982	28.	4767723	28.	4768310
52	32.97	8714	1.58	2712	32.	4767729	32.	4768316
48	36.21	9599	1.48	3099	36.	4767735	36.	4768322
39	44.38	11765	1.23	2666	45.	4767741	45.	4768328
36	48.46	12826	1.14	2438	50.	4767747	50.	4768334
31	55.80	14678	0.92	2854	56.	4767753	56.	4768340
66	26.04	6931	3.38	5544	09UCBN2A25.A_D	4740760	09UCFN2A25.A_D	4741579
60	28.74	7648	3.07	5655	28.	4740766	28.	4741585
53	32.31	8619	2.24	5838	32.	4740772	32.	4741591
48	35.67	9442	2.06	6119	36.	4740778	36.	4741597
43	40.25	10692	2.04	6440	40.	4740784	40.	4741603
39	44.44	11813	1.85	6491	45.	4740790	45.	4741609
35	49.07	12983	1.55	6398	50.	4740796	50.	4741615
31	55.18	14583	1.23	6538	56.	4740802	56.	4741621
28	61.13	16171	1.35	6509	63.	4740808	63.	4741627
25	68.74	18134	1.21	6472	71.	4740814	71.	4741633
47	37.06	9802	3.67	8730	10UCBN2A40.A_D	4763056	10UCFN2A40.A_D	4763300
40	42.70	11305	3.23	9121	45.	4763062	45.	4763306
36	47.93	12666	2.77	9417	50.	4763068	50.	4763312
33	51.49	13590	2.52	9619	56.	4763074	56.	4763318
30	57.75	15248	2.41	9972	63.	4763080	63.	4763324
28	62.05	16320	2.26	10184	71.	4763086	71.	4763330
29	60.23	15776	2.11	10071	10UCBN3A56.A_D	4763092	10UCFN3A56.A_D	4763336
26	66.93	17529	1.90	10380	63.	4763098	63.	4763342
24	71.17	18633	2.01	10588	71.	4763104	71.	4763348
22	79.08	20702	1.87	10695	80.	4763110	80.	4763354
18	95.44	24976	1.34	10477	90.	4763116	90.	4763360
16	109.97	28771	1.16	10323	100	4763122	100	4763366
15	112.77	29488	1.32	10323	112	4763128	112	4763372
13	129.94	33966	1.15	10140	125	4763134	125	4763378
13	135.88	35347	1.04	10115	140	4763140	140	4763384

Motors are available from the Factory or Distributors.

7.5 HP/213TC Motor Part No. 1940402 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

10 HP/1750 rpm/215TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
481	3.58	1259	1.34	881	204UCBN2A3.6A_D	4767365	204UCFN2A3.6A_D	4767952
342	5.04	1786	1.11	872	5.0	4767368	5.0	4767955
305	5.65	1998	1.04	867	5.6	4767371	5.6	4767958
272	6.34	2247	0.97	865	6.3	4767374	6.3	4767961
481	3.58	1269	2.04	849	205UCBN2A3.6A_D	4767434	205UCFN2A3.6A_D	4768021
342	5.04	1788	1.89	838	5.0	4767437	5.0	4768024
305	5.65	2013	1.81	836	5.6	4767440	5.6	4768027
272	6.34	2248	1.63	834	6.3	4767443	6.3	4768030
214	8.05	2869	1.39	730	8.0	4767446	8.0	4768033
189	9.13	3243	1.23	584	9.0	4767449	9.0	4768036
158	10.89	3867	1.03	334	11.	4767452	11.	4768039
389	4.44	1573	2.04	1618	206UCBN2A5.0A_D	4767503	206UCFN2A5.0A_D	4768090
276	6.24	2214	1.89	1618	5.6	4767506	5.6	4768093
247	6.99	2492	1.81	1618	6.3	4767509	6.3	4768096
220	7.85	2781	1.63	1618	8.0	4767512	8.0	4768099
173	9.97	3546	1.47	1618	9.0	4767515	9.0	4768102
153	11.30	4013	1.31	1618	11.	4767518	11.	4768105
128	13.48	4783	1.12	1375	12.	4767522	12.	4768109
469	3.68	1292	2.09	1587	207UCBN2A3.6A_D	4767572	207UCFN2A3.6A_D	4768159
339	5.09	1796	2.09	1569	5.0	4767576	5.0	4768163
301	5.72	2021	2.09	1556	5.6	4767580	5.6	4768167
274	6.29	2224	2.09	1550	6.3	4767584	6.3	4768171
210	8.22	2920	1.86	1514	8.0	4767588	8.0	4768175
185	9.34	3306	1.73	1484	9.0	4767592	9.0	4768179
152	11.35	4023	1.53	1411	11.	4767598	11.	4768185
138	12.48	4416	1.44	1301	12.	4767603	12.	4768190
120	14.34	5081	1.29	1112	14.	4767608	14.	4768195
106	16.26	5750	1.18	928	16.	4767613	16.	4768200
96	17.94	6350	1.08	779	18.	4767618	18.	4768205
84	20.54	7265	0.96	541	20.	4767623	20.	4768210
268	6.44	2277	3.89	3152	208UCBN2A6.3A_D	4767673	208UCFN2A6.3A_D	4768260
207	8.33	2952	3.36	3235	8.0	4767677	8.0	4768264
184	9.35	3319	3.12	3210	9.0	4767681	9.0	4768268
150	11.47	4043	2.74	3164	11.	4767685	11.	4768272
133	12.92	4594	2.49	3102	12.	4767689	12.	4768276
115	15.04	5325	2.26	3010	14.	4767693	14.	4768280
103	16.69	5895	2.10	2822	16.	4767699	16.	4768286
94	18.26	6458	1.86	2723	18.	4767705	18.	4768292
83	20.66	7295	1.77	2564	20.	4767711	20.	4768298
74	23.32	8245	1.60	2431	22.	4767717	22.	4768304
61	28.27	10043	1.35	2400	28.	4767723	28.	4768310
52	32.97	11618	1.19	2026	32.	4767729	32.	4768316
48	36.21	12799	1.11	2562	36.	4767735	36.	4768322
39	44.38	15686	0.93	1962	45.	4767741	45.	4768328
36	48.46	17101	0.85	1647	50.	4767747	50.	4768334
104	16.59	5902	3.79	4899	09UCBN2A16.A_D	4740736	09UCFN2A16.A_D	4741555
94	18.43	6545	3.53	5095	18.	4740742	18.	4741561
84	20.59	7324	3.24	4980	20.	4740748	20.	4741567
75	22.87	8134	3.01	5174	22.	4740754	22.	4741573
66	26.04	9241	2.54	5340	25.	4740760	25.	4741579
60	28.74	10197	2.30	5399	28.	4740766	28.	4741585
53	32.31	11493	1.68	5560	32.	4740772	32.	4741591
48	35.67	12590	1.55	5884	36.	4740778	36.	4741597
43	40.25	14257	1.53	6309	40.	4740784	40.	4741603
39	44.44	15750	1.39	6388	45.	4740790	45.	4741609
35	49.07	17311	1.16	6244	50.	4740796	50.	4741615
31	55.18	19445	0.92	6474	56.	4740802	56.	4741621
28	61.13	21562	1.01	6429	63.	4740808	63.	4741627
25	68.74	24178	0.90	6384	71.	4740814	71.	4741633
66	26.03	9212	3.62	7624	10UCBN2A25.A_D	4763032	10UCFN2A25.A_D	4763276
58	29.99	10606	3.15	7841	28.	4763038	28.	4763282
56	30.76	10895	3.58	7925	32.	4763044	32.	4763288
49	35.44	12511	3.12	8473	36.	4763050	36.	4763294
47	37.06	13069	2.75	8596	40.	4763056	40.	4763300
40	42.70	15074	2.42	8967	45.	4763062	45.	4763306
36	47.93	16888	2.08	9240	50.	4763068	50.	4763312
33	51.49	18120	1.89	9431	56.	4763074	56.	4763318
30	57.75	20331	1.81	9767	63.	4763080	63.	4763324
28	62.05	21760	1.69	9959	71.	4763086	71.	4763330
29	60.23	21035	1.59	9846	10UCBN3A56.A_D	4763092	10UCFN3A56.A_D	4763336
26	66.93	23372	1.43	10127	63.	4763098	63.	4763342
24	71.17	24844	1.51	10326	71.	4763104	71.	4763348
22	79.08	27603	1.40	10405	80.	4763110	80.	4763354
18	95.44	33301	1.00	10116	90.	4763116	90.	4763360
16	109.97	38362	0.87	9913	100	4763122	100	4763366
15	112.77	39318	0.99	9913	112	4763128	112	4763372

Motors are available from the Factory or Distributors.

10 HP/215TC Motor Part No. 1940403 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

15 HP/1750 rpm/254TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
479	3.68	1900	1.42	1519	207UCBN2A3.6A_E	4767573	207UCFN2A3.6A_E	4768160
345	5.09	2641	1.42	1360	5.0	4767577	5.0	4768164
308	5.72	2971	1.42	1289	5.6	4767581	5.6	4768168
280	6.29	3270	1.42	1227	6.3	4767585	6.3	4768172
214	8.22	4293	1.27	997	8.0	4767589	8.0	4768176
188	9.34	4861	1.18	852	9.0	4767593	9.0	4768180
479	3.68	1906	2.85	2840	208UCBN2A3.6A_E	4767662	208UCFN2A3.6A_E	4768249
338	5.21	2714	2.85	3017	5.0	4767666	5.0	4768253
304	5.79	3016	2.80	3046	5.6	4767670	5.6	4768257
273	6.44	3348	2.64	3059	6.3	4767674	6.3	4768261
211	8.33	4340	2.28	3090	8.0	4767678	8.0	4768265
188	9.35	4880	2.12	2999	9.0	4767682	9.0	4768269
153	11.47	5944	1.86	2807	11.	4767686	11.	4768273
136	12.92	6754	1.69	2652	12.	4767690	12.	4768277
117	15.04	7828	1.54	2414	14.	4767694	14.	4768281
105	16.69	8667	1.43	2167	16.	4767700	16.	4768287
96	18.26	9494	1.27	1964	18.	4767706	18.	4768293
85	20.66	10725	1.20	1666	20.	4767712	20.	4768299
75	23.32	12121	1.09	1371	22.	4767718	22.	4768305
62	28.27	14765	0.92	1236	28.	4767724	28.	4768311
53	32.97	17081	0.81	654	32.	4767730	32.	4768317
192	9.19	4804	3.78	4563	09UCBN2A9.0A_E	4740715	09UCFN2A9.0A_E	4745341
171	10.27	5369	3.56	4653	10.	4740719	10.	4741538
150	11.71	6145	3.25	4743	11.	4740723	11.	4741542
138	12.74	6669	3.04	4833	12.	4740727	12.	4741546
121	14.53	7589	2.79	4923	14.	4740731	14.	4741550
106	16.59	8677	2.58	4577	16.	4740737	16.	4741556
95	18.43	9622	2.40	4833	18.	4740743	18.	4741562
85	20.59	10767	2.20	4554	20.	4740749	20.	4741568
77	22.87	11959	2.05	4808	22.	4740755	22.	4741574
68	26.04	13586	1.73	4931	25.	4740761	25.	4741580
61	28.74	14991	1.56	4888	28.	4740767	28.	4741586
54	32.31	16897	1.14	5003	32.	4740773	32.	4741592
49	35.67	18509	1.05	5415	36.	4740779	36.	4741598
44	40.25	20960	1.04	6047	40.	4740785	40.	4741604
40	44.44	23156	0.94	6182	45.	4740791	45.	4741610
107	16.43	8570	3.89	7007	10UCBN2A16.A_E	4763009	10UCFN2A16.A_E	4763253
96	18.25	9515	3.51	7061	18.	4763015	18.	4763259
91	19.41	10105	3.71	7117	20.	4763021	20.	4763265
82	21.57	11224	3.46	7114	22.	4763027	22.	4763271
68	26.03	13544	2.46	7354	25.	4763033	25.	4763277
59	29.99	15592	2.14	7452	28.	4763039	28.	4763283
57	30.76	16018	2.44	7548	32.	4763045	32.	4763289
50	35.44	18394	2.12	8215	36.	4763051	36.	4763295
47	37.06	19214	1.87	8330	40.	4763057	40.	4763301
41	42.70	22161	1.65	8661	45.	4763063	45.	4763307
37	47.93	24828	1.41	8888	50.	4763069	50.	4763313
34	51.49	26640	1.29	9054	56.	4763075	56.	4763319
30	57.75	29890	1.23	9357	63.	4763081	63.	4763325
28	62.05	31992	1.15	9509	71.	4763087	71.	4763331
29	60.23	30925	1.08	9396	10UCBN3A56.A_E	4763093	10UCFN3A56.A_E	4763337
26	66.93	34362	0.97	9621	63.	4763099	63.	4763343
25	71.17	36525	1.03	9801	71.	4763105	71.	4763349
22	79.08	40582	0.95	9824	80.	4763111	80.	4763355

Motors are available from the Factory or Distributors.

15 HP/254TC Motor Part No. 1940404 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

20 HP/1750 rpm/256TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
479	3.68	2533	1.07	1452	207UCBN2A3.6A_E	4767573	207UCFN2A3.6A_E	4768160
345	5.09	3522	1.07	1150	5.0	4767577	5.0	4768164
308	5.72	3962	1.07	1022	5.6	4767581	5.6	4768168
280	6.29	4361	1.07	903	6.3	4767585	6.3	4768172
214	8.22	5724	0.95	480	8.0	4767589	8.0	4768176
188	9.34	6482	0.88	220	9.0	4767593	9.0	4768180
479	3.68	2542	2.14	2787	208UCBN2A3.6A_E	4767662	208UCFN2A3.6A_E	4768249
338	5.21	3618	2.14	2944	5.0	4767666	5.0	4768253
304	5.79	4021	2.10	2967	5.6	4767670	5.6	4768257
273	6.44	4464	1.98	2967	6.3	4767674	6.3	4768261
211	8.33	5787	1.71	2944	8.0	4767678	8.0	4768265
188	9.35	6506	1.59	2787	9.0	4767682	9.0	4768269
153	11.47	7925	1.40	2450	11.	4767686	11.	4768273
136	12.92	9005	1.27	2202	12.	4767690	12.	4768277
117	15.04	10438	1.15	1818	14.	4767694	14.	4768281
105	16.69	11556	1.07	1512	16.	4767700	16.	4768287
96	18.26	12659	0.95	1204	18.	4767706	18.	4768293
85	20.66	14300	0.90	767	20.	4767712	20.	4768299
75	23.32	16162	0.82	311	22.	4767718	22.	4768305
310	5.69	3953	3.85	4226	09UCBN2A5.6A_E	4740699	09UCFN2A5.6A_E	4741518
266	6.63	4623	3.56	4284	6.3	4740703	6.3	4741522
238	7.40	5175	3.32	4342	7.1	4740707	7.1	4741526
214	8.22	5733	3.04	4409	8.0	4740711	8.0	4741530
192	9.19	6406	2.83	4457	9.0	4740715	9.0	4741534
171	10.27	7159	2.67	4470	10.	4740719	10.	4741538
150	11.71	8194	2.44	4492	11.	4740723	11.	4741542
138	12.74	8892	2.28	4569	12.	4740727	12.	4741546
121	14.53	10118	2.09	4582	14.	4740731	14.	4741550
106	16.59	11570	1.94	4255	16.	4740737	16.	4741556
95	18.43	12830	1.80	4571	18.	4740743	18.	4741562
85	20.59	14357	1.65	4129	20.	4740749	20.	4741568
77	22.87	15945	1.54	4442	22.	4740755	22.	4741574
68	26.04	18115	1.29	4522	25.	4740761	25.	4741580
61	28.74	19989	1.17	4377	28.	4740767	28.	4741586
54	32.31	22529	0.86	4445	32.	4740773	32.	4741592
147	11.98	8358	3.77	6538	10UCBN2A11.A_E	4762995	10UCFN2A11.A_E	4763239
141	12.51	8694	3.74	6586	12.	4762999	12.	4763243
124	14.16	9837	3.45	6728	14.	4763003	14.	4763247
107	16.43	11427	2.92	6883	16.	4763009	16.	4763253
96	18.25	12687	2.63	6894	18.	4763015	18.	4763259
91	19.41	13474	2.79	6935	20.	4763021	20.	4763265
82	21.57	14965	2.60	6865	22.	4763027	22.	4763271
68	26.03	18058	1.85	7083	25.	4763033	25.	4763277
59	29.99	20790	1.60	7063	28.	4763039	28.	4763283
57	30.76	21358	1.83	7172	32.	4763045	32.	4763289
50	35.44	24525	1.59	7957	36.	4763051	36.	4763295
47	37.06	25619	1.40	8064	40.	4763057	40.	4763301
41	42.70	29549	1.23	8354	45.	4763063	45.	4763307
37	47.93	33105	1.06	8535	50.	4763069	50.	4763313

Motors are available from the Factory or Distributors.

20 HP/256TC Motor Part No. 1940405 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

25 HP/1750 rpm/284TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
533	3.30	2876	3.32	3667	09UCBN2A3.2A_F	4740680	09UCFN2A3.2A_F	4741499
477	3.69	3209	2.98	3796	3.6	4740684	3.6	4741503
431	4.09	3559	3.88	3937	4.0	4740688	4.0	4741507
384	4.58	3997	3.61	4059	4.5	4740692	4.5	4741511
347	5.07	4416	3.31	4126	5.0	4740696	5.0	4741515
310	5.69	4941	3.08	4181	5.6	4740700	5.6	4741519
266	6.63	5779	2.85	4229	6.3	4740704	6.3	4741523
238	7.40	6469	2.65	4277	7.1	4740708	7.0	4741527
214	8.22	7166	2.43	4345	8.0	4740712	8.0	4741531
192	9.19	8007	2.27	4351	9.0	4740716	9.0	4741535
171	10.27	8948	2.14	4287	10.	4740720	10.	4741539
150	11.71	10242	1.95	4242	11.	4740724	11.	4741543
138	12.74	11115	1.82	4306	12.	4740728	12.	4741547
121	14.53	12648	1.67	4242	14.	4740732	14.	4741551
106	16.59	14462	1.55	3933	16.	4740738	16.	4741557
95	18.43	16037	1.44	4308	18.	4740744	18.	4741563
85	20.59	17946	1.32	3703	20.	4740750	20.	4741569
77	22.87	19932	1.23	4075	22.	4740756	22.	4741575
68	26.04	22644	1.04	4113	25.	4740762	25.	4741581
61	28.74	24986	0.94	3866	28.	4740768	28.	4741587
205	8.58	7442	3.84	6121	10UCBN2A9.0A_F	4762988	10UCFN2A9.0A_F	4763232
166	10.59	9211	3.33	6313	10.	4762992	10.	4763236
147	11.98	10448	3.02	6445	11.	4762996	11.	4763240
141	12.51	10868	2.99	6496	12.	4763000	12.	4763244
124	14.16	12296	2.76	6622	14.	4763004	14.	4763248
107	16.43	14284	2.34	6759	16.	4763010	16.	4763254
96	18.25	15859	2.10	6727	18.	4763016	18.	4763260
91	19.41	16843	2.23	6753	20.	4763022	20.	4763266
82	21.57	18707	2.08	6616	22.	4763028	22.	4763272
68	26.03	22573	1.48	6813	25.	4763034	25.	4763278
59	29.99	25988	1.28	6674	28.	4763040	28.	4763284
57	30.76	26698	1.46	6795	32.	4763046	32.	4763290
50	35.44	30657	1.27	7699	36.	4763052	36.	4763296
47	37.06	32023	1.12	7797	40.	4763058	40.	4763302

Motors are available from the Factory or Distributors.

25 HP/284TC Motor Part No. 1940406 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz,NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

30 HP/1750 rpm/286TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
864	2.04	2136	3.89	3134	09UCBN2A1.8A_F	4740664	09UCFN2A1.8A_F	4741483
771	2.28	2393	3.77	3259	2.2	4740668	2.2	4741487
687	2.56	2677	3.57	3362	2.5	4740672	2.5	4741491
593	2.97	3096	3.92	3542	2.8	4740676	2.8	4741495
533	3.30	3451	2.77	3635	3.2	4740680	3.2	4741499
477	3.69	3851	2.48	3760	3.6	4740684	3.6	4741503
431	4.09	4271	3.23	3905	4.0	4740688	4.0	4741507
384	4.58	4796	3.01	4020	4.5	4740692	4.5	4741511
347	5.07	5299	2.76	4088	5.0	4740696	5.0	4741515
310	5.69	5930	2.57	4136	5.6	4740700	5.6	4741519
266	6.63	6935	2.37	4174	6.3	4740704	6.3	4741523
238	7.40	7762	2.21	4213	7.1	4740708	7.1	4741527
214	8.22	8599	2.03	4280	8.0	4740712	8.0	4741531
192	9.19	9609	1.89	4245	9.0	4740716	9.0	4741535
171	10.27	10738	1.78	4104	10.	4740720	10.	4741539
150	11.71	12291	1.63	3991	11.	4740724	11.	4741543
138	12.74	13338	1.52	4043	12.	4740728	12.	4741547
121	14.53	15178	1.39	3901	14.	4740732	14.	4741551
106	16.59	17355	1.29	3611	16.	4740738	16.	4741557
95	18.43	19245	1.20	4046	18.	4740744	18.	4741563
85	20.59	21535	1.10	3278	20.	4740750	20.	4741569
77	22.87	23918	1.03	3709	22.	4740756	22.	4741575
543	3.24	3399	3.75	4926	10UCBN2A3.2A_F	4762952	10UCFN2A3.2A_F	4763196
503	3.50	3661	3.53	5051	3.6	4762956	3.6	4763200
262	6.72	7027	3.74	5893	6.3	4762976	6.3	4763220
242	7.26	7574	3.53	5950	7.1	4762980	7.1	4763224
222	7.95	8275	3.36	6008	8.0	4762984	8.0	4763228
205	8.58	8931	3.20	6056	9.0	4762988	9.0	4763232
166	10.59	11054	2.78	6233	10.	4762992	10.	4763236
147	11.98	12538	2.51	6352	11.	4762996	11.	4763240
141	12.51	13042	2.49	6406	12.	4763000	12.	4763244
124	14.16	14756	2.30	6516	14.	4763004	14.	4763248
107	16.43	17141	1.95	6634	16.	4763010	16.	4763254
96	18.25	19031	1.75	6559	18.	4763016	18.	4763260
91	19.41	20211	1.86	6571	20.	4763022	20.	4763266
82	21.57	22448	1.73	6367	22.	4763028	22.	4763272
68	26.03	27088	1.23	6543	25.	4763034	25.	4763278
59	29.99	31185	1.07	6285	28.	4763040	28.	4763284
57	30.76	32037	1.22	6418	32.	4763046	32.	4763290
50	35.44	36788	1.06	7441	36.	4763052	36.	4763296

Motors are available from the Factory or Distributors.

30 HP/286TC Motor Part No. 1940407 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

40 HP/1750 rpm/324TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
1190	1.48	2066	3.18	2813	09UCBN2A1.4A_G	4740661	09UCFN2A1.4A_G	4741480
864	2.04	2849	2.92	3095	1.8	4740665	1.8	4741484
771	2.28	3191	2.83	3214	2.2	4740669	2.2	4741488
687	2.56	3570	2.68	3311	2.5	4740673	2.5	4741492
593	2.97	4128	2.94	3490	2.8	4740677	2.8	4741496
533	3.30	4602	2.08	3571	3.2	4740681	3.2	4741500
477	3.69	5135	1.86	3690	3.6	4740685	3.6	4741504
431	4.09	5695	2.42	3840	4.0	4740689	4.0	4741508
384	4.58	6395	2.26	3943	4.5	4740693	4.5	4741512
347	5.07	7065	2.07	4011	5.0	4740697	5.0	4741516
310	5.69	7907	1.93	4046	5.6	4740701	5.6	4741520
266	6.63	9247	1.78	4065	6.3	4740705	6.3	4741524
238	7.40	10350	1.66	4085	7.1	4740709	7.1	4741528
214	8.22	11466	1.52	4152	8.0	4740713	8.0	4741532
192	9.19	12812	1.42	4033	9.0	4740717	9.0	4741536
171	10.27	14318	1.34	3738	10.	4740721	10.	4741540
150	11.71	16388	1.22	3490	11.	4740725	11.	4741544
138	12.74	17784	1.14	3516	12.	4740729	12.	4741548
121	14.53	20237	1.05	3220	14.	4740733	14.	4741552
106	16.59	23140	0.97	2967	16.	4740737	16.	4741556
96	18.43	25601	0.90	2562	18.	4740741	18.	4741560
85	20.59	28714	0.83	2427	20.	4740745	20.	4741564
1220	1.44	2004	3.18	3802	10UCBN2A1.4A_G	4762933	10UCFN2A1.4A_G	4763177
874	2.01	2808	3.18	4219	1.8	4762937	1.8	4763181
803	2.19	3058	3.18	4332	2.2	4762941	2.2	4763185
707	2.49	3475	3.18	4496	2.5	4762945	2.5	4763189
588	2.99	4143	3.18	4788	2.8	4762949	2.8	4763193
543	3.24	4532	2.81	4868	3.2	4762953	3.2	4763197
503	3.50	4882	2.65	4987	3.6	4762957	3.6	4763201
421	4.18	5811	3.18	5302	4.0	4762961	4.0	4763205
387	4.55	6340	3.18	5443	4.5	4762969	4.5	4763209
356	4.94	6868	3.18	5584	5.0	4762969	5.0	4763213
328	5.37	7480	3.18	5674	5.6	4762973	5.6	4763217
262	6.72	9370	2.81	5790	6.3	4762977	6.3	4763221
242	7.26	10098	2.65	5841	7.1	4762981	7.1	4763225
222	7.95	11034	2.52	5893	8.0	4762985	8.0	4763229
205	8.58	11908	2.40	5928	9.0	4762989	9.0	4763233
166	10.59	14739	2.08	6072	10.	4762993	10.	4763237
147	11.98	16717	1.88	6166	11.	4762997	11.	4763241
141	12.51	17389	1.87	6227	12.	4763001	12.	4763245
124	14.16	19674	1.72	6304	14.	4763005	14.	4763249
107	16.43	22855	1.46	6385	16.	4763011	16.	4763255
96	18.25	25375	1.31	6224	18.	4763017	18.	4763261
91	19.41	26949	1.39	6208	20.	4763023	20.	4763267
82	21.57	29931	1.30	5870	22.	4763029	22.	4763273
68	26.03	36117	0.92	6002	25.	4763035	25.	4763279
59	29.99	41580	0.80	5507	28.	4763041	28.	4763283

Motors are available from the Factory or Distributors.

40 HP/324TC Motor Part No. 1940408 Conforms to the following specifications:

Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

UC — Gearmotor Selection Table

50 HP/1750 rpm/326TC Frame Motor

Approx. Output rpm	Exact Ratio	Actual Output Torque (lb-in)	Service Factor	Overhung Load (lb)	Base Mounted Gear Drive Less Motor Inch Dimensioned		Flange Mounted Gear Drive Less Motor Inch Dimensioned	
					Drive Designation	Part No.	Drive Designation	Part No.
1190	1.48	2582	2.55	2787	09UCBN2A1.4A_G	4740661	09UCFN2A1.4A_G	4741480
864	2.04	3561	2.34	3057	1.8	4740665	1.8	4741484
771	2.28	3989	2.26	3169	2.2	4740669	2.2	4741488
687	2.56	4463	2.14	3259	2.5	4740673	2.5	4741492
593	2.97	5161	2.35	3439	2.8	4740677	2.8	4741496
533	3.3	5752	1.66	3506	3.2	4740681	3.2	4741500
477	3.69	6419	1.49	3619	3.6	4740685	3.6	4741504
431	4.09	7119	1.94	3776	4.0	4740689	4.0	4741508
384	4.58	7994	1.8	3866	4.5	4740693	4.5	4741512
347	5.07	8832	1.65	3934	5.0	4740697	5.0	4741516
310	5.69	9883	1.54	3956	5.6	4740701	5.6	4741520
266	6.63	11558	1.42	3956	6.3	4740705	6.3	4741524
238	7.4	12938	1.33	3956	7.1	4740709	7.1	4741528
214	8.22	14332	1.22	4023	8.0	4740713	8.0	4741532
192	9.19	16015	1.13	3821	9.0	4740717	9.0	4741536
171	10.27	17897	1.07	3371	10.	4740721	10.	4741540
150	11.71	20485	0.98	2989	11.	4740725	11.	4741544
138	12.74	22230	0.91	2989	12.	4740729	12.	4741548
121	14.53	25297	0.84	2539	14.	4740733	14.	4741552
1220	1.44	2506	2.55	3776	10UCBN2A1.4A_G	4762933	10UCFN2A1.4A_G	4763177
874	2.01	3510	2.55	4181	1.8	4762937	1.8	4763181
803	2.19	3823	2.55	4293	2.2	4762941	2.2	4763185
707	2.49	4344	2.55	4451	2.5	4762945	2.5	4763189
588	2.99	5179	2.55	4743	2.8	4762949	2.8	4763193
543	3.24	5665	2.25	4810	3.2	4762953	3.2	4763197
503	3.5	6102	2.12	4923	3.6	4762957	3.6	4763201
421	4.18	7264	2.55	5238	4.0	4762961	4.0	4763205
387	4.55	7925	2.55	5372	4.5	4762969	4.5	4763209
356	4.94	8585	2.55	5507	5.0	4762969	5.0	4763213
328	5.37	9350	2.55	5597	5.6	4762973	5.6	4763217
262	6.72	11713	2.24	5687	6.3	4762977	6.3	4763221
242	7.26	12623	2.12	5732	7.1	4762981	7.1	4763225
222	7.95	13792	2.01	5777	8.0	4762985	8.0	4763229
205	8.58	14885	1.92	5799	9.0	4762989	9.0	4763233
166	10.59	18423	1.67	5912	10.	4762993	10.	4763237
147	11.98	20896	1.51	5979	11.	4762997	11.	4763241
141	12.51	21736	1.49	6047	12.	4763001	12.	4763245
124	14.16	24593	1.38	6092	14.	4763005	14.	4763249
107	16.43	28568	1.17	6137	16.	4763011	16.	4763255
96	18.25	31718	1.05	5889	18.	4763017	18.	4763261
91	19.41	33686	1.11	5844	20.	4763023	20.	4763267
82	21.57	37414	1.04	5372	22.	4763029	22.	4763273

Motors are available from the Factory or Distributors.

50 HP/326TC Motor Part No. 1940409 Conforms to the following specifications:

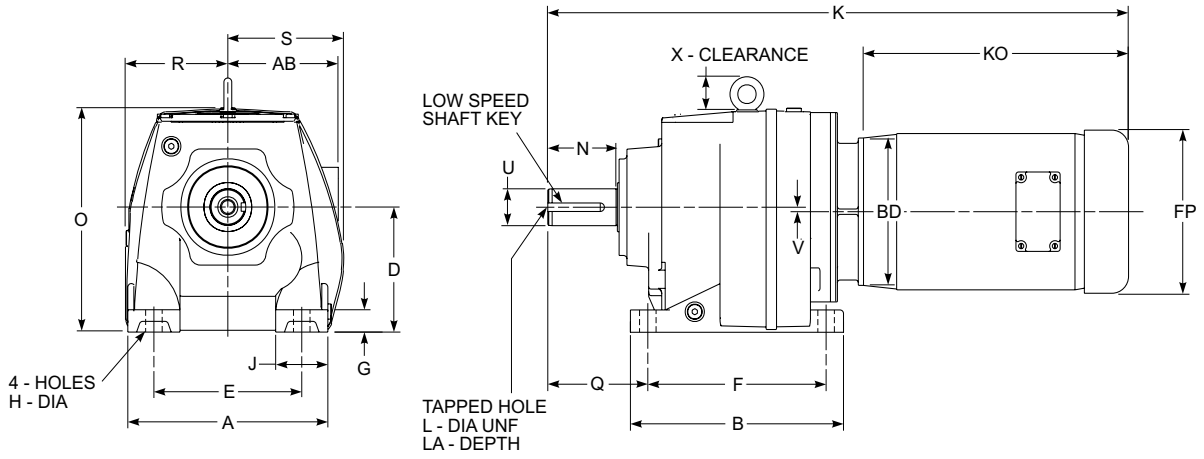
Energy Efficient
C Face motor less base, TEFC, 1750 rpm, 208–230/460 Volts, 3 Phase, 60 Hz, NEMA B, 1.15 Service Factor

Premium Efficient available upon request.
Motors meeting other specifications are available upon request.

Type UC Double Reduction Gearmotor

Sizes 201 – 10 — Dimensions – Inches

Base Mounted



SIZE ★	A	B	D	E	F	G	H	J	L	LA	N	O	Q	R	S	Low Speed Shaft		V	X
																U‡	Key		
201	5.31	5.16	2.95	4.33	4.33	0.47	0.39	0.98	0.250	0.63	1.575	5.87	2.28	2.99	2.99	0.750	.1875 x .1875 x 1.2812	. . .	. . .
202	5.71	5.98	3.54	4.33	5.12	0.63	0.39	1.38	0.250	0.71	1.969	7.09	2.95	3.31	3.38	1.000	.2500 x .2500 x 1.5625	. . .	. . .
203	5.71	5.98	3.54	4.33	5.12	0.63	0.39	1.38	0.250	0.71	1.969	7.09	2.95	3.31	3.38	1.000	.2500 x .2500 x 1.5625	. . .	. . .
204	7.48	7.87	4.53	5.31	6.50	0.79	0.59	2.17	0.375	0.86	2.362	8.19	3.54	3.82	4.21	1.250	.2500 x .2500 x 2.0000	. . .	. . .
205	7.48	7.87	4.53	5.31	6.50	0.79	0.59	2.17	0.375	0.75	2.756	8.19	3.94	3.82	4.21	1.375	.3125 x .3125 x 2.3750	. . .	. . .
206	8.27	9.25	5.12	5.91	7.68	0.94	0.59	2.36	0.375	0.75	2.756	8.43	3.94	4.33	4.33	1.375	.3125 x .3125 x 2.3750	0.57	1.26
207	9.06	9.65	5.51	6.69	8.07	0.98	0.75	2.36	0.625	1.25	3.150	9.84	4.53	4.69	5.23	1.625	.3750 X .3750 X 2.3750	. . .	1.77
208	11.42	12.20	7.09	8.46	10.24	1.38	0.75	2.95	0.750	1.50	3.937	12.20	5.51	6.57	6.03	2.125	.5000 X .5000 X 2.7500	. . .	1.97
09	13.39	14.37	8.86	9.84	12.20	1.57	0.91	3.54	0.750	1.65	4.720	15.51	6.30	7.87	6.78	2.375	.6250 X .6250 X 3.6875	. . .	1.54
10	15.75	17.32	9.84	11.42	14.57	1.77	1.06	4.33	0.750	1.65	5.510	17.56	7.28	8.86	7.99	2.875	.7500 X .7500 X 4.6250	. . .	2.32

‡ Sizes 201 thru 206 tolerance is +.0000, –.0005; Sizes 207 thru 10 tolerance is +.0000, –.0010.

Typical NEMA Motor Dimensions ★

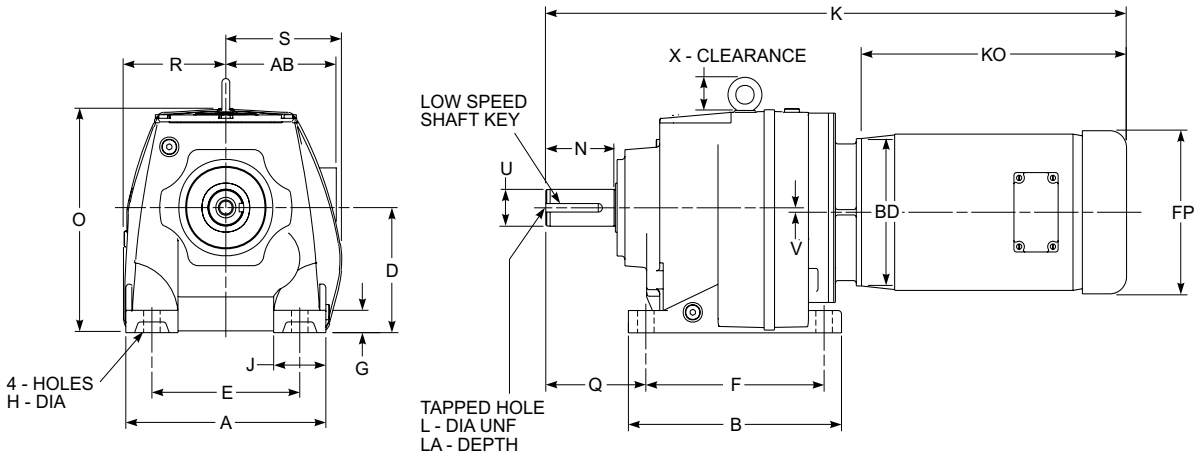
Frame Size	Drive Size													
	AB	BD	FP	KO (Max)	K (Max)									
	All Sizes				201	202	203	204	205	206	207	208	09	10
56C	5.25	6.50 †	7.19	12.00	21.45	22.67	22.67	24.13	24.52	25.35	26.84	30.86	. . .	. . .
143TC/145TC	5.25	6.50 †	7.19	12.06	21.45	22.67	22.67	24.13	24.52	25.35	26.84	30.86	. . .	. . .
182TC/184TC	5.88	9.00 †	8.50	15.44	24.20	25.42	25.42	28.61	29.00	29.83	30.70	34.36	36.27	39.42
213TC/215TC	7.38	9.00 †	10.19	16.31	. . .	. . .	. . .	29.61	30.00	30.83	31.70	35.36	37.14	40.29
254TC/256TC	8.94	10.00 †	12.50	19.63	. . .	. . .	. . .	. . .	. . .	. . .	35.12	38.86	41.83	44.79
284TC/286TC	13.13	11.25	15.56	23.19	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	45.51	48.47
324TC/326TC	14.13	13.38	16.94	25.25	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	48.20	51.16

★ Refer to Page 4 for General Information and Reference Notes.
† BD = 11.44 on all Size 208 drives.

Type UC Triple Reduction Gearmotor

Sizes 201 – 10 — Dimensions – Inches

Base Mounted



SIZE ★	A	B	D	E	F	G	H	J	L	LA	N	O	Q	R	S	Low Speed Shaft		V	X
																U‡	Key		
201	5.31	5.16	2.95	4.33	4.33	0.47	0.39	0.98	0.250	0.63	1.575	5.87	2.28	2.99	2.99	0.750	.1875 x .1875 x 1.2812	. . .	. . .
202	5.71	5.98	3.54	4.33	5.12	0.63	0.39	1.38	0.250	0.71	1.969	7.09	2.95	3.31	3.38	1.000	.2500 x .2500 x 1.5625	. . .	. . .
203	5.71	5.98	3.54	4.33	5.12	0.63	0.39	1.38	0.250	0.71	1.969	7.09	2.95	3.31	3.38	1.000	.2500 x .2500 x 1.5625	. . .	. . .
204	7.48	7.87	4.53	5.31	6.50	0.79	0.59	2.17	0.375	0.86	2.362	8.19	3.54	3.82	4.21	1.250	.2500 x .2500 x 2.0000	. . .	. . .
205	7.48	7.87	4.53	5.31	6.50	0.79	0.59	2.17	0.375	0.75	2.756	8.19	3.94	3.82	4.21	1.375	.3125 x .3125 x 2.3750	. . .	. . .
206	8.27	9.25	5.12	5.91	7.68	0.94	0.59	2.36	0.375	0.75	2.756	8.43	3.94	4.33	4.33	1.375	.3125 x .3125 x 2.3750	0.57	1.26
207	9.06	9.65	5.51	6.69	8.07	0.98	0.75	2.36	0.625	1.25	3.150	9.84	4.53	4.69	5.23	1.625	.3750 X .3750 X 2.3750	. . .	1.77
208	11.42	12.20	7.09	8.46	10.24	1.38	0.75	2.95	0.750	1.50	3.937	12.20	5.51	6.57	6.03	2.125	.5000 X .5000 X 2.7500	. . .	1.97
09	13.39	14.37	8.86	9.84	12.20	1.57	0.91	3.54	0.750	1.65	4.720	15.51	6.30	7.87	6.78	2.375	.6250 X .6250 X 3.6875	. . .	1.54
10	15.75	17.32	9.84	11.42	14.57	1.77	1.06	4.33	0.750	1.65	5.510	17.56	7.28	8.86	7.99	2.875	.7500 X .7500 X 4.6250	. . .	2.32

‡ Sizes 201 thru 206 tolerance is +.0000, –.0005; Sizes 207 thru 10 tolerance is +.0000, –.0010.

Typical NEMA Motor Dimensions ★

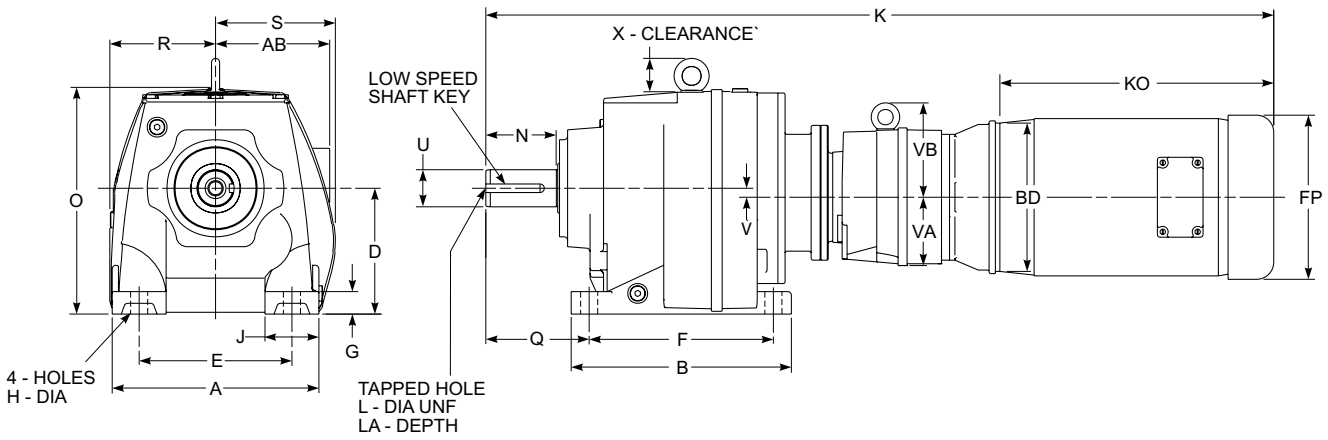
Frame Size	Drive Size													
	AB	BD	FP	KO (Max)	K (Max)									
	All Sizes				201	202	203	204	205	206	207	208	09	10
56C	5.25	6.50	7.19	12.00	22.04	23.18	23.18	25.03	25.43	26.25	27.39	30.78	33.89	. . .
143TC/145TC	5.25	6.50	7.19	12.06	22.04	23.18	23.18	25.03	25.43	26.25	27.39	30.78	33.95	. . .
182TC/184TC	5.88	9.00	8.50	15.44	24.79	25.93	25.93	27.78	28.18	29.00	31.88	34.63	37.33	41.15
213TC/215TC	7.38	9.00	10.19	16.31	. . .	. . .	. . .	. . .	. . .	. . .	32.88	35.63	. . .	42.02
254TC/256TC	8.94	10.00	12.50	19.63	. . .	. . .	. . .	. . .	. . .	. . .	. . .	39.06	. . .	46.72
284TC/286TC	13.13	11.25	15.56	23.19	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	50.39
324TC/326TC	14.13	13.38	16.94	25.25	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	53.08

★ Refer to Page 4 for General Information and Reference Notes.

Type UC Quadruple Reduction Gearmotor

Sizes 203 – 10 — Dimensions – Inches

Base Mounted



SIZE ★	A	B	D	E	F	G	H	J	L	LA	N	O	Q	R	S	Low Speed Shaft		V	VA	VB	X
																U ‡	Key				
203	5.71	5.98	3.54	4.33	5.12	0.63	0.39	1.38	0.250	0.71	1.969	7.09	2.95	3.31	3.38	1.000	.2500 x .2500 x 1.5625	. . .	2.99	. . .	. . .
204	7.48	7.87	4.53	5.31	6.50	0.79	0.59	2.17	0.375	0.86	2.362	8.19	3.54	3.82	4.21	1.250	.2500 x .2500 x 2.0000	. . .	3.58	. . .	. . .
205	7.48	7.87	4.53	5.31	6.50	0.79	0.59	2.17	0.375	0.75	2.756	8.19	3.94	3.82	4.21	1.375	.3125 x .3125 x 2.3750	. . .	3.58	. . .	. . .
206	8.27	9.25	5.12	5.91	7.68	0.94	0.59	2.36	0.375	0.75	2.756	8.43	3.94	4.33	4.33	1.375	.3125 x .3125 x 2.3750	0.57	3.58	. . .	1.26
207	9.06	9.65	5.51	6.69	8.07	0.98	0.75	2.36	0.625	1.25	3.150	9.84	4.53	4.69	5.23	1.625	.3750 X .3750 X 2.3750	. . .	4.53	. . .	1.77
208	11.42	12.20	7.09	8.46	10.24	1.38	0.75	2.95	0.750	1.50	3.937	12.20	5.51	6.57	6.03	2.125	.5000 X .5000 X 2.7500	. . .	4.53	. . .	1.97
09	13.39	14.37	8.86	9.84	12.20	1.57	0.91	3.54	0.750	1.65	4.720	15.51	6.30	7.87	6.78	2.375	.6250 X .6250 X 3.6875	. . .	4.53	. . .	1.54
10	15.75	17.32	9.84	11.42	14.57	1.77	1.06	4.33	0.750	1.65	5.510	17.56	7.28	8.86	7.99	2.875	.7500 X .7500 X 4.6250	. . .	5.51	6.1	2.32

‡ Sizes 203 thru 206 tolerance is +.0000, –.0005; Sizes 207 thru 10 tolerance is +.0000, –.0010.

Typical NEMA Motor Dimensions ★

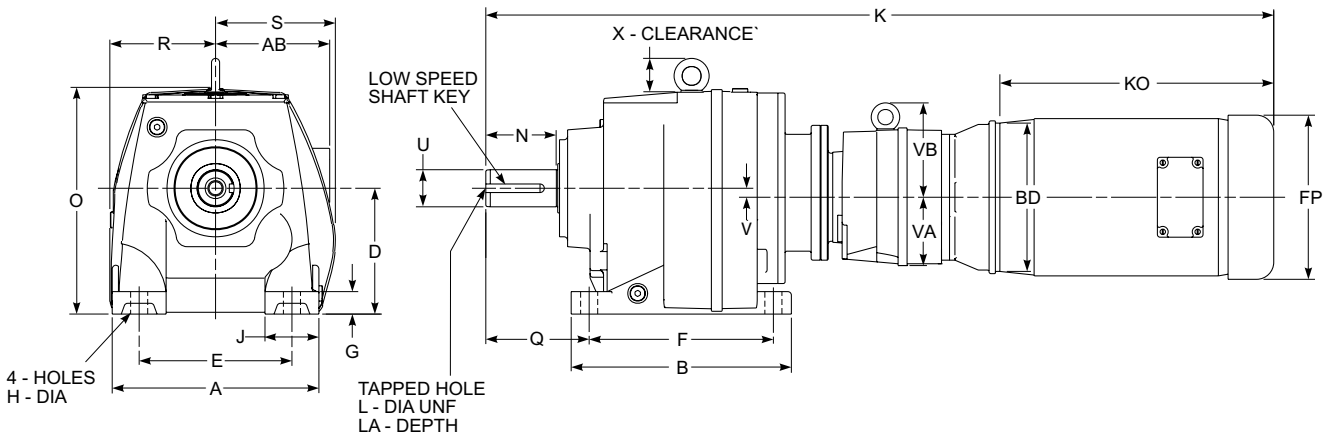
Frame Size	Drive Size											
	AB	BD	FP	KO (Max)	K (Max)							
	All Sizes				203	202	205	206	207	208	09	10
56C	5.25	6.50	7.19	12.00	29.99	32.67	33.06	33.89	35.35	39.40	42.59	47.16
143TC/145TC	5.25	6.50	7.19	12.06	32.67	32.67	33.06	33.89	35.35	39.40	42.59	47.16
182TC/184TC	5.88	9.00	8.50	15.44	. . .	. . .	. . .	. . .	. . .	43.89	47.07	51.01
213TC/215TC	7.38	9.00	10.19	16.31	. . .	. . .	. . .	. . .	. . .	. . .	. . .	52.01

★ Refer to Page 4 for General Information and Reference Notes.

Type UC Quintruple Reduction Gearmotor

Sizes 203 – 10 — Dimensions – Inches

Base Mounted



SIZE ★	A	B	D	E	F	G	H	J	L	LA	N	O	Q	R	S	Low Speed Shaft		V	VA	VB	X
																U ‡	Key				
203	5.71	5.98	3.54	4.33	5.12	0.63	0.39	1.38	0.250	0.71	1.969	7.09	2.95	3.31	3.38	1.000	.2500 x .2500 x 1.5625	. . .	2.99	. . .	. . .
204	7.48	7.87	4.53	5.31	6.50	0.79	0.59	2.17	0.375	0.86	2.362	8.19	3.54	3.82	4.21	1.250	.2500 x .2500 x 2.0000	. . .	3.58	. . .	. . .
205	7.48	7.87	4.53	5.31	6.50	0.79	0.59	2.17	0.375	0.75	2.756	8.19	3.94	3.82	4.21	1.375	.3125 x .3125 x 2.3750	. . .	3.58	. . .	. . .
206	8.27	9.25	5.12	5.91	7.68	0.94	0.59	2.36	0.375	0.75	2.756	8.43	3.94	4.33	4.33	1.375	.3125 x .3125 x 2.3750	0.57	3.58	. . .	1.26
207	9.06	9.65	5.51	6.69	8.07	0.98	0.75	2.36	0.625	1.25	3.150	9.84	4.53	4.69	5.23	1.625	.3750 X .3750 X 2.3750	. . .	4.53	. . .	1.77
208	11.42	12.20	7.09	8.46	10.24	1.38	0.75	2.95	0.750	1.50	3.937	12.20	5.51	6.57	6.03	2.125	.5000 X .5000 X 2.7500	. . .	4.53	. . .	1.97
09	13.39	14.37	8.86	9.84	12.20	1.57	0.91	3.54	0.750	1.65	4.720	15.51	6.30	7.87	6.78	2.375	.6250 X .6250 X 3.6875	. . .	4.53	. . .	1.54
10	15.75	17.32	9.84	11.42	14.57	1.77	1.06	4.33	0.750	1.65	5.510	17.56	7.28	8.86	7.99	2.875	.7500 X .7500 X 4.6250	. . .	5.51	6.1	2.32

‡ Sizes 203 thru 206 tolerance is +.0000, –.0005; Sizes 207 thru 10 tolerance is +.0000, –.0010.

Typical NEMA Motor Dimensions ★

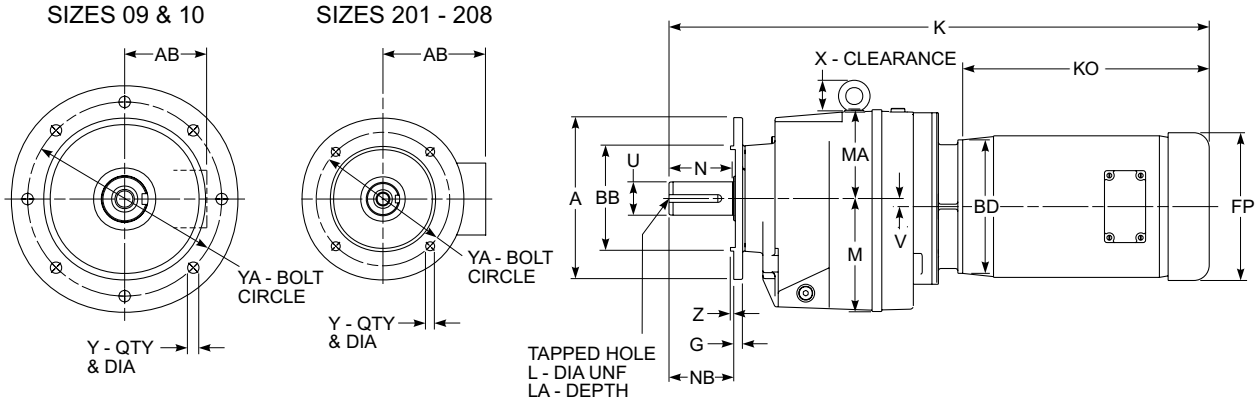
Frame Size	Drive Size											
	AB	BD	FP	KO (Max)	K (Max)							
	All Sizes				203	202	205	206	207	208	09	10
56C	5.25	6.50	7.19	12.00	30.58	33.18	33.57	34.40	35.86	39.72	42.91	47.79
143TC/145TC	5.25	6.50	7.19	12.06	33.18	33.18	33.57	34.40	35.86	39.72	42.91	47.79
182TC/184TC	5.88	9.00	8.50	15.44	. . .	. . .	. . .	. . .	. . .	44.20	47.39	51.64

★ Refer to Page 4 for General Information and Reference Notes.

Type UC Double Reduction Gearmotor

Sizes 201-10 — Dimensions – Inches

Flange Mounted



SIZE ★	A ✱	BB	G	L	LA	M	MA	N	NB	Low Speed Shaft U‡	Low Speed Shaft Key	V	X	Y	YA	Z
201	4.72 5.51 6.30 7.87	3.15 3.74 4.33 5.12	0.35 0.35 0.39 0.39	0.250	0.63	2.99	2.91	1.575	1.57 1.57 1.57 1.57	0.750	.1875 x .1875 x 1.2812	. . .	. . .	4 x 0.35 4 x 0.35 4 x 0.35 4 x 0.43	3.94 4.53 5.12 6.50	0.12 0.12 0.14 0.14
202	4.72 5.51 6.30 7.87	3.15 3.74 4.33 5.12	0.39 0.39 0.39 0.39	0.250	0.71	3.58	3.54	1.969	1.97 1.97 1.97 1.97	1.000	.2500 x .2500 x 1.5625	. . .	. . .	4 x 0.26 4 x 0.35 4 x 0.35 4 x 0.43	3.94 4.53 5.12 6.50	0.12 0.12 0.14 0.14
203	4.72 5.51 6.30 7.87	3.15 3.74 4.33 5.12	0.39 0.39 0.39 0.39	0.250	0.71	3.58	3.54	1.969	1.97 1.97 1.97 1.97	1.000	.2500 x .2500 x 1.5625	. . .	. . .	4 x 0.26 4 x 0.35 4 x 0.35 4 x 0.43	3.94 4.53 5.12 6.50	0.12 0.12 0.14 0.14
204	5.51 6.30 7.87 9.84	3.74 4.33 5.12 7.09	0.43 0.43 0.43 0.43	0.375	0.86	4.53	3.66	2.362	2.36 2.36 2.36 2.36	1.250	.2500 x .2500 x 2.0000	. . .	. . .	4 x 0.35 4 x 0.35 4 x 0.43 4 x 0.53	4.53 5.12 6.50 8.46	0.12 0.14 0.14 0.16
205	5.51 6.30 7.87 9.84	3.74 4.33 5.12 7.09	0.43 0.43 0.43 0.43	0.375	0.75	4.53	3.66	2.756	2.76 2.76 2.76 2.76	1.375	.3125 x .3125 x 2.3750	. . .	. . .	4 x 0.35 4 x 0.35 4 x 0.43 4 x 0.53	4.53 5.12 6.50 8.46	0.12 0.14 0.14 0.16
206	7.87 9.84 11.81	5.12 7.09 9.06	0.43 0.43 0.43	0.375	0.75	5.12	3.31	2.756	2.76 2.76 2.76	1.375	.3125 x .3125 x 2.3750	0.57	1.26	4 x 0.43 4 x 0.53 4 x 0.53	6.50 8.46 10.43	0.16 0.16 0.16
207	7.87 9.84 11.81	5.12 7.09 9.06	0.43 0.43 0.43	0.625	1.25	5.51	4.33	3.150	3.15 3.15 3.15	1.625	.3750 x .3750 x 2.3750	. . .	1.77	4 x 0.43 4 x 0.53 4 x 0.53	6.50 8.46 10.43	0.14 0.16 0.16
208	11.81 13.78	9.06 9.84	0.67 0.67	0.750	1.50	7.17	5.12	3.937	3.94 3.94	2.125	.5000 x .5000 x 2.7500	. . .	1.97	4 x 0.53 4 x 0.69	10.43 11.81	0.16 0.20
09	17.72	13.78	0.71	0.750	1.65	9.06	5.92	4.720	5.51	2.375	.6250 x .6250 x 3.6875	. . .	1.54	8 x 0.71	15.75	0.20
10	17.72	13.78	0.87	0.750	1.65	10.24	7.33	5.510	5.51	2.875	.7500 x .7500 x 4.6250	. . .	2.32	8 x 0.71	15.75	0.20

✱ See Page 96 for optional flange sizes and their part numbers.

‡ Sizes 201 thru 206 tolerance is +.0000, –.0005; Sizes 207 thru 10 tolerance is +.0000, –.0010.

Standard supplied flange if not specified.

Typical NEMA Motor Dimensions ★

Frame Size	Drive Size													
	AB	BD	FP	KO (Max)	KO (Max)	K (Max)								
	All Sizes				201	202	203	204	205	206	207	208	09	10
56C	5.25	6.50 †	7.19	12.00	21.45	22.67	22.67	24.13	24.52	25.35	26.84	30.86	. . .	. . .
143TC/145TC	5.25	6.50 †	7.19	12.06	21.45	22.67	22.67	24.13	24.52	25.35	26.84	30.86	. . .	. . .
182TC/184TC	5.88	9.00 †	8.50	15.44	24.20	25.42	25.42	28.61	29.00	29.83	30.70	34.36	36.33	39.48
213TC/215TC	7.38	9.00 †	10.19	16.31	. . .	. . .	. . .	29.61	30.00	30.83	31.70	35.36	37.33	40.48
254TC/256TC	8.94	10.00 †	12.50	19.63	. . .	. . .	. . .	. . .	. . .	. . .	35.12	38.80	42.20	45.16
284TC/286TC	13.13	11.25	15.56	23.19	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	45.57	48.53
324TC/326TC	14.13	13.38	16.94	25.25	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	48.20	51.16

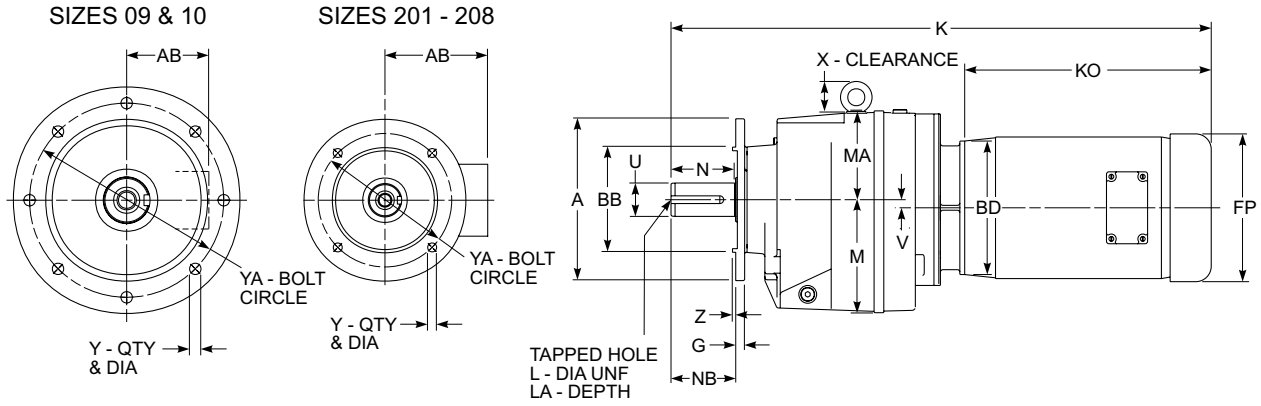
★ Refer to Page 4 for General Information and Reference Notes.

† BD = 11.44 on all Size 208 drives.

Type UC Triple Reduction Gearmotor

Sizes 201-10 — Dimensions – Inches

Flange Mounted



SIZE ★	A ✱	BB	G	L	LA	M	MA	N	NB	Low Speed Shaft		V	X	Y	YA	Z
										U‡	Key					
201	4.72	3.15	0.35	0.250	0.63	2.99	2.91	1.575	1.57	0.750	.1875 x .1875 x 1.2812	. . .	. . .	4 x 0.35	3.94	0.12
	5.51	3.74	0.35						1.57					4 x 0.35	4.53	0.12
	6.30	4.33	0.39						1.57					4 x 0.35	5.12	0.14
	7.87	5.12	0.39						1.57					4 x 0.43	6.50	0.14
202	4.72	3.15	0.39	0.250	0.71	3.58	3.54	1.969	1.97	1.000	.2500 x .2500 x 1.5625	. . .	. . .	4 x 0.26	3.94	0.12
	5.51	3.74	0.39						1.97					4 x 0.35	4.53	0.12
	6.30	4.33	0.39						1.97					4 x 0.35	5.12	0.14
	7.87	5.12	0.39						1.97					4 x 0.43	6.50	0.14
203	4.72	3.15	0.39	0.250	0.71	3.58	3.54	1.969	1.97	1.000	.2500 x .2500 x 1.5625	. . .	. . .	4 x 0.26	3.94	0.12
	5.51	3.74	0.39						1.97					4 x 0.35	4.53	0.12
	6.30	4.33	0.39						1.97					4 x 0.35	5.12	0.14
	7.87	5.12	0.39						1.97					4 x 0.43	6.50	0.14
204	5.51	3.74	0.43	0.375	0.86	4.53	3.66	2.362	2.36	1.250	.2500 x .2500 x 2.0000	. . .	. . .	4 x 0.35	4.53	0.12
	6.30	4.33	0.43						2.36					4 x 0.35	5.12	0.14
	7.87	5.12	0.43						2.36					4 x 0.43	6.50	0.14
	9.84	7.09	0.43						2.36					4 x 0.53	8.46	0.16
205	5.51	3.74	0.43	0.375	0.75	4.53	3.66	2.756	2.76	1.375	.3125 x .3125 x 2.3750	. . .	. . .	4 x 0.35	4.53	0.12
	6.30	4.33	0.43						2.76					4 x 0.35	5.12	0.14
	7.87	5.12	0.43						2.76					4 x 0.43	6.50	0.14
	9.84	7.09	0.43						2.76					4 x 0.53	8.46	0.16
206	7.87	5.12	0.43	0.375	0.75	5.12	3.31	2.756	2.76	1.375	.3125 x .3125 x 2.3750	0.57	1.26	4 x 0.43	6.50	0.16
	9.84	7.09	0.43						2.76					4 x 0.53	8.46	0.16
	11.81	9.06	0.43						2.76					4 x 0.53	10.43	0.16
207	7.87	5.12	0.43	0.625	1.25	5.51	4.33	3.150	3.15	1.625	.3750 x .3750 x 2.3750	. . .	1.77	4 x 0.43	6.50	0.14
	9.84	7.09	0.43						3.15					4 x 0.53	8.46	0.16
	11.81	9.06	0.43						3.15					4 x 0.53	10.43	0.16
208	11.81	9.06	0.67	0.750	1.50	7.17	5.12	3.937	3.94	2.125	.5000 x .5000 x 2.7500	. . .	1.97	4 x 0.53	10.43	0.16
	13.78	9.84	0.67						3.94					4 x 0.69	11.81	0.20
09	17.72	13.78	0.71	0.750	1.65	9.06	5.92	4.720	5.51	2.375	.6250 x .6250 x 3.6875	. . .	1.54	8 x 0.71	15.75	0.20
10	17.72	13.78	0.87	0.750	1.65	10.24	7.33	5.510	5.51	2.875	.7500 x .7500 x 4.6250	. . .	2.32	8 x 0.71	15.75	0.20

✱ See Page 96 for optional flange sizes and their part numbers.

‡ Sizes 201 thru 206 tolerance is +.0000, –.0005; Sizes 207 thru 10 tolerance is +.0000, –.0010.

Standard supplied flange if not specified.

Typical NEMA Motor Dimensions ★

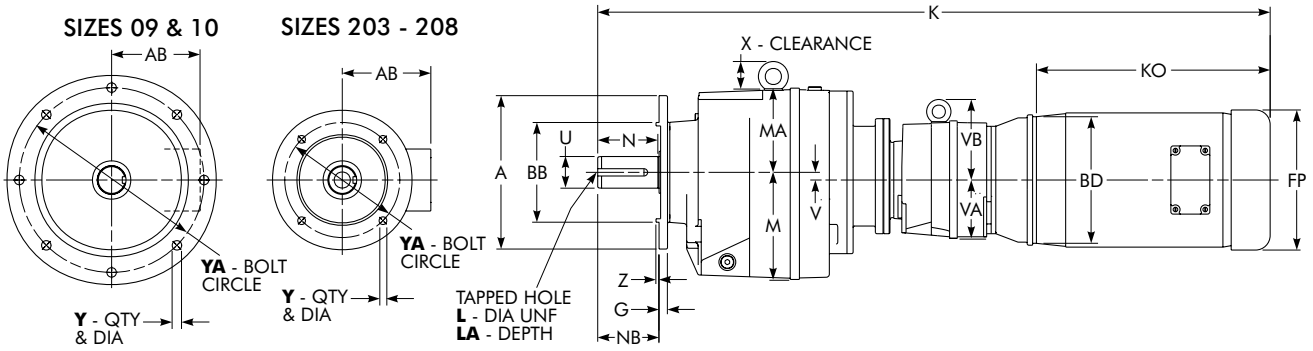
Frame Size	Drive Size													
	AB	BD	FP	KO (Max)	KO (Max)					K (Max)				
	All Sizes				201	202	203	204	205	206	207	208	09	10
56C	5.25	6.50	7.19	12.00	22.04	23.18	23.18	25.03	25.43	26.25	27.39	30.78	33.89	. . .
143TC/145TC	5.25	6.50	7.19	12.06	22.04	23.18	23.18	25.03	25.43	26.25	27.39	30.78	33.95	. . .
182TC/184TC	5.88	9.00	8.50	15.44	24.79	25.93	25.93	27.78	28.18	29.00	31.88	34.63	37.33	41.15
213TC/215TC	7.38	9.00	10.19	16.31	. . .	. . .	. . .	. . .	. . .	. . .	32.88	35.63	. . .	42.02
254TC/256TC	8.94	10.00	12.50	19.63	. . .	. . .	. . .	. . .	. . .	. . .	. . .	39.06	. . .	46.72
284TC/286TC	13.13	11.25	15.56	23.19	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	50.39
324TC/326TC	14.13	13.38	16.94	25.25	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	53.08

★ Refer to Page 4 for General Information and Reference Notes.

Type UC Quadruple Reduction Gearmotor

Sizes 201-10 — Dimensions – Inches

Flange Mounted



SIZE ★	A ✱	BB	G	L	LA	M	MA	N	NB	Low Speed Shaft		V	VA	VB	X	Y	YA	Z
										U‡	Key							
203	4.72	3.15	0.39	0.250	0.71	3.58	3.54	1.969	1.97	1.000	.2500 x .2500 x 1.5625	. . .	2.99	. . .	. . .	4 x 0.26	3.94	0.12
	5.51	3.74	0.39						1.97							4 x 0.35	4.53	0.12
	6.30	4.33	0.39						1.97							4 x 0.35	5.12	0.14
	7.87	5.12	0.39						1.97							4 x 0.43	6.50	0.14
204	5.51	3.74	0.43	0.375	0.86	4.53	3.66	2.362	2.36	1.250	.2500 x .2500 x 2.0000	. . .	3.58	. . .	. . .	4 x 0.35	4.53	0.12
	6.30	4.33	0.43						2.36							4 x 0.35	5.12	0.14
	7.87	5.12	0.43						2.36							4 x 0.43	6.50	0.14
	9.84	7.09	0.43						2.36							4 x 0.53	8.46	0.16
205	5.51	3.74	0.43	0.375	0.75	4.53	3.66	2.756	2.76	1.375	.3125 x .3125 x 2.3750	. . .	3.58	. . .	. . .	4 x 0.35	4.53	0.12
	6.30	4.33	0.43						2.76							4 x 0.35	5.12	0.14
	7.87	5.12	0.43						2.76							4 x 0.43	6.50	0.14
	9.84	7.09	0.43						2.76							4 x 0.53	8.46	0.16
206	7.87	5.12	0.43	0.375	0.75	5.12	3.31	2.756	2.76	1.375	.3125 x .3125 x 2.3750	0.57	3.58	. . .	1.26	4 x 0.43	6.50	0.16
	9.84	7.09	0.43						2.76							4 x 0.53	8.46	0.16
	11.81	9.06	0.43						2.76							4 x 0.53	10.43	0.16
207	7.87	5.12	0.43	0.625	1.25	5.51	4.33	3.150	3.15	1.625	.3750 x .3750 x 2.3750	. . .	4.53	. . .	1.77	4 x 0.43	6.50	0.14
	9.84	7.09	0.43						3.15							4 x 0.53	8.46	0.16
	11.81	9.06	0.43						3.15							4 x 0.53	10.43	0.16
208	11.81	9.06	0.67	0.750	1.50	7.17	5.12	3.937	3.94	2.125	.5000 x .5000 x 2.7500	. . .	4.53	. . .	1.97	4 x 0.53	10.43	0.16
	13.78	9.84	0.67						3.94							4 x 0.69	11.81	0.20
09	17.72	13.78	0.71	0.750	1.65	9.06	5.92	4.720	5.51	2.375	.6250 x .6250 x 3.6875	. . .	4.53	. . .	1.54	8 x 0.71	15.75	0.20
10	17.72	13.78	0.87	0.750	1.65	10.24	7.33	5.510	5.51	2.875	.7500 x .7500 x 4.6250	. . .	5.51	6.1	2.32	8 x 0.71	15.75	0.20

✱ See Page 96 for optional flange sizes and their part numbers.

‡ Sizes 203 thru 206 tolerance is +.0000, –.0005; Sizes 207 thru 10 tolerance is +.0000, –.0010.

Standard supplied flange if not specified.

Typical NEMA Motor Dimensions ★

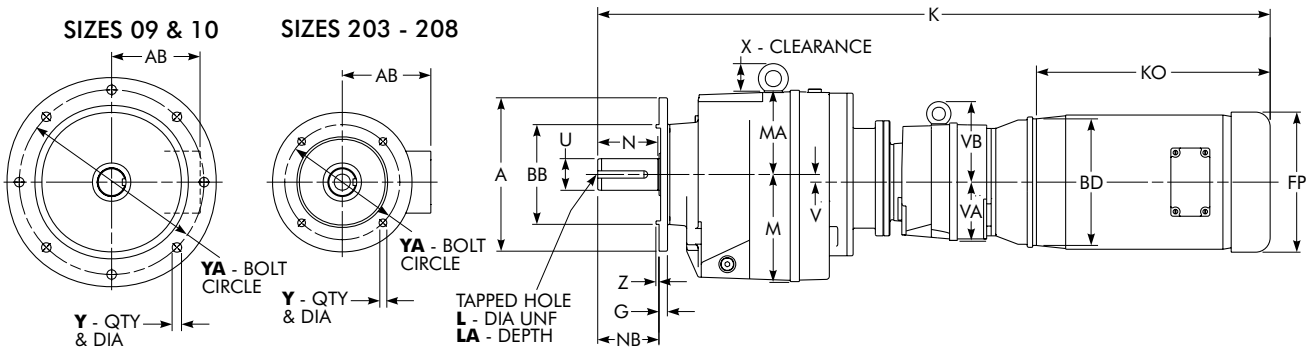
Frame Size	Drive Size											
	All Sizes				203	204	205	206	207	208	09	10
	AB	BD	FP	KO (Max)	KO (Max)	KO (Max)	KO (Max)	K (Max)	K (Max)	K (Max)	K (Max)	K (Max)
56C	5.25	6.50	7.19	12.00	29.99	32.67	33.06	33.89	35.35	39.40	42.59	47.16
143TC/145TC	5.25	6.50	7.19	12.06	32.67	32.67	33.06	33.89	35.35	39.40	42.59	47.16
182TC/184TC	5.88	9.00	8.50	15.44	. . .	. . .	. . .	. . .	. . .	43.89	47.07	51.01
213TC/215TC	7.38	9.00	10.19	16.31	. . .	. . .	. . .	. . .	. . .	. . .	. . .	52.01

★ Refer to Page 4 for General Information and Reference Notes.

Type UC Quintuple Reduction Gearmotor

Sizes 201-10 — Dimensions – Inches

Flange Mounted



SIZE ★	A ✱	BB	G	L	LA	M	MA	N	NB	Low Speed Shaft		V	VA	VB	X	Y	YA	Z
										U‡	Key							
203	4.72	3.15	0.39	0.250	0.71	3.58	3.54	1.969	1.97	1.000	.2500 x .2500 x 1.5625	. . .	2.99	. . .	. . .	4 x 0.26	3.94	0.12
	5.51	3.74	0.39						1.97							4 x 0.35	4.53	0.12
	6.30	4.33	0.39						1.97							4 x 0.35	5.12	0.14
	7.87	5.12	0.39						1.97							4 x 0.43	6.50	0.14
204	5.51	3.74	0.43	0.375	0.86	4.53	3.66	2.362	2.36	1.250	.2500 x .2500 x 2.0000	. . .	3.58	. . .	. . .	4 x 0.35	4.53	0.12
	6.30	4.33	0.43						2.36							4 x 0.35	5.12	0.14
	7.87	5.12	0.43						2.36							4 x 0.43	6.50	0.14
	9.84	7.09	0.43						2.36							4 x 0.53	8.46	0.16
205	5.51	3.74	0.43	0.375	0.75	4.53	3.66	2.756	2.76	1.375	.3125 x .3125 x 2.3750	. . .	3.58	. . .	. . .	4 x 0.35	4.53	0.12
	6.30	4.33	0.43						2.76							4 x 0.35	5.12	0.14
	7.87	5.12	0.43						2.76							4 x 0.43	6.50	0.14
	9.84	7.09	0.43						2.76							4 x 0.53	8.46	0.16
206	7.87	5.12	0.43	0.375	0.75	5.12	3.31	2.756	2.76	1.375	.3125 x .3125 x 2.3750	0.57	3.58	. . .	1.26	4 x 0.43	6.50	0.16
	9.84	7.09	0.43						2.76							4 x 0.53	8.46	0.16
	11.81	9.06	0.43						2.76							4 x 0.53	10.43	0.16
207	7.87	5.12	0.43	0.625	1.25	5.51	4.33	3.150	3.15	1.625	.3750 x .3750 x 2.3750	. . .	4.53	. . .	1.77	4 x 0.43	6.50	0.14
	9.84	7.09	0.43						3.15							4 x 0.53	8.46	0.16
	11.81	9.06	0.43						3.15							4 x 0.53	10.43	0.16
208	11.81	9.06	0.67	0.750	1.50	7.17	5.12	3.937	3.94	2.125	.5000 x .5000 x 2.7500	. . .	4.53	. . .	1.97	4 x 0.53	10.43	0.16
	13.78	9.84	0.67						3.94							4 x 0.69	11.81	0.20
09	17.72	13.78	0.71	0.750	1.65	9.06	5.92	4.720	5.51	2.375	.6250 x .6250 x 3.6875	. . .	4.53	. . .	1.54	8 x 0.71	15.75	0.20
10	17.72	13.78	0.87	0.750	1.65	10.24	7.33	5.510	5.51	2.875	.7500 x .7500 x 4.6250	. . .	5.51	6.1	2.32	8 x 0.71	15.75	0.20

✱ See Page 96 for optional flange sizes and their part numbers.

‡ Sizes 203 thru 206 tolerance is +.0000, –.0005; Sizes 207 thru 10 tolerance is +.0000, –.0010.

Standard supplied flange if not specified.

Typical NEMA Motor Dimensions ★

Frame Size	Drive Size											
	All Sizes				203	204	205	206	207	208	09	10
	AB	BD	FP	KO (Max)	KO (Max)	KO (Max)	KO (Max)	K (Max)	K (Max)	K (Max)	K (Max)	K (Max)
56C	5.25	6.50	7.19	12.00	30.58	33.18	33.57	34.40	35.86	39.72	42.91	47.79
143TC/145TC	5.25	6.50	7.19	12.06	33.18	33.18	33.57	34.40	35.86	39.72	42.91	47.79
182TC/184TC	5.88	9.00	8.50	15.44	. . .	. . .	. . .	. . .	. . .	44.20	47.39	51.64

★ Refer to Page 4 for General Information and Reference Notes.

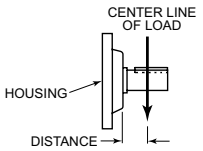
UC — Overhung Loads

High & Low Speed Shaft

Overhung load is imposed upon a shaft when a pinion, sprocket or sheave is used as a power take-off. The magnitude of the load varies with the type of take-off and its proximity to the shaft bearing. Calculate the load and check the result against the tabulated overhung load rating.

Overhung Load Formula:

$$\text{Overhung Load} = \frac{126{,}000 \times hp \times F_c \times L_f}{\text{Pitch Dia} \times rpm}$$



F_c = Load Connection Factor.

Sprocket or Timing Belt	1.00
Machined Pinion & Gear	1.25
V-Belt	1.50
Flat Belt	2.50

L_f = Load Location Factor.

For overhung loads applied at the midpoint of the usable shaft extension, Lf = 1.00

Locate the centerline of the load as close to the drive housing as practical to minimize the overhung load and increase bearing life. The above overhung load formula employs the transmitted horsepower, without Service Factor, providing the overloads, starting loads, and brake capacities do not exceed the amounts listed in Basic Information on Page 3.

Consult Factory for Higher Overhung Load Ratings — In many cases, overhung load capacity in excess of that published is available. Published ratings are based on a combination of the most unfavorable conditions of rotation, speed, direction of applied load, and drive loading. If the actual load should exceed the published capacity, refer full details to the Factory; provide complete application information, as well as direction of rotation, location and direction of applied load.

Gearmotor Overhung Load Capacity — The overhung load capacity at the low speed shaft is found in the Selection Tables on Pages 19 through 23.

Gear Drive Overhung Load Capacity — The overhung load capacity at the high speed shaft and low speed shaft are found on Page 27.

Example:

Gear Drive Size = 04UCBN2A40.N_, exact ratio of 39.37:1.

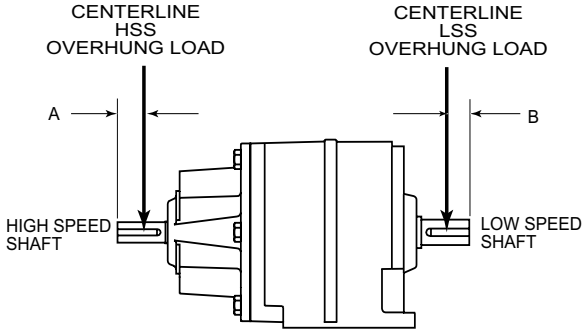
Motor = .50 hp at 1750 rpm.

Low speed shaft rpm = 1750 ÷ 39.37 = 44.4 rpm.

3" diameter sprocket mounted on low speed shaft. Centerline of sprocket overhung load is positioned at B = 0.98 inches. Calculate the overhung load as follows:

$$\text{OHL} = \frac{126{,}000 \times 50 \times 1.00 \times 1.00 = 473 \text{ lb}}{3 \times 44.4}$$

Allowable OHL on Page 27 is 770 lb and is satisfactory for this selection.



Usable Shaft Extension Midpoint

Drive Size	No. of Reductions	HSS A (Inch)	LSS B (Inch)
201	2-3	0.79	0.79
202	2-3	0.79	0.98
203	2-5	0.79	0.98
204	2-5	0.79	1.18
205	2-5	0.79	1.38
206	2-5	0.79	1.38
207	2	0.99	1.58
	3	0.79	1.58
	4-5	0.79	1.58
208	2	1.18	1.97
	3	0.99	1.97
	4-5	0.79	1.97
09	2	1.58	2.36
	3	1.18	2.36
	4-5	0.79	2.36
10	2	2.17	2.76
	3	2.17	2.76
	4-5	0.99	2.76

UC – Gear Drive HSS Overhung Load Ratings/Pounds

Double, Triple, Quadruple, & Quintuple Reductions

Consult Factory for higher overhung load ratings

Reduction	Ratio	Drive Size †									
		201	202	203	204	205	206	207	208	09	10
Double	All Ratios	315	345	325	250	230	190	345	315	315	535
Triple	All Ratios	345	365	365	315	315	315	380	470	785	880
Quadruple	All Ratios	. . .	. . .	315	315	315	315	315	365	365	470
Quintuple	All Ratios	. . .	. . .	315	315	315	315	315	365	365	470

† Published ratings are based on a combination of the most unfavorable conditions of loading. For higher ratings, refer full data to the Factory.

UC – Gearmotor & Gear Drive LSS Overhung Load Ratings/Pounds

Double, Triple, Quadruple, & Quintuple Reductions

Consult Factory for higher overhung load ratings

Reduction	Drive Size									
	201	202	203	204	205	206	207	208	09	10
500	242	650	556	790	537	. . .	1351	2558	2270	2745
400	250	632	513	808	537	1399	1063	2405	2295	2765
320	254	628	507	819	537	1207	982	2232	2295	2765
250	258	613	499	846	537	1063	764	1815	2340	2790
200	269	620	484	872	537	1054	580	1494	2385	2790
160	288	646	476	904	500	930	533	1370	2430	2810
125	320	700	475	1073	631	1006	533	1341	2475	2810
100	334	765	503	1025	684	1336	587	1389	2565	2925
80	334	855	549	1129	865	1399	682	1408	2925	3370
63	334	861	651	1236	1015	1552	802	1734	3530	3575
50	334	861	651	1380	1035	1552	1035	2012	3820	5170
40	374	861	736	1504	1178	1552	1083	2366	5035	6295
32	399	861	710	1533	1351	1552	1973	2520	5890	7645
25 ★	401	861	673	1581	1552	1552	1562	3094	6295	8990

★ The last overhung load value in each Drive Size column applies to all lower output speeds for that drive. Published ratings are based on a combination of the most unfavorable conditions of loading. For higher ratings, refer full data to the Factor.

UC – Gearmotor & Gear Drive LSS Thrust Loads/Pounds

Double, Triple, Quadruple, & Quintuple Reductions

Axial Thrust Capacities/Inward or Outward

Thrust capacities tabulated refer to output shafts, and are calculated without any overhung loads being applied. In case where combined axial thrusts and overhung loads are to be applied, refer to the Factory.

Reduction	Drive Size									
	201	202	203	204	205	206	207	208	09	10
1000	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	2135	2790
630	315	605	775	1270	1450	1535	1640	1880	2295	2790
500	315	605	775	1270	1450	1535	1640	1880	2295	2790
400	315	605	775	1270	1450	1535	1640	1880	2295	2790
320	315	605	775	1270	1450	1535	1640	1880	2295	2790
250	315	605	775	1270	1450	1535	1640	1880	2295	2790
200	315	605	775	1270	1450	1535	1640	1880	2295	2790
160	315	605	775	1270	1450	1535	1640	1880	2295	2790
125	315	605	775	1270	1450	1535	1640	1880	2295	3035
100	315	605	775	1270	1450	1535	1640	1880	2655	3035
80	315	605	775	1270	1450	1535	1640	1880	3035	3755
63	315	605	775	1270	1450	1535	1640	1880	3440	3755
50	315	605	775	1270	1450	1535	1640	1880	3440	5350
40	315	605	775	1270	1450	1535	1640	1880	3440	5350
32	345	620	800	1290	1480	1535	1690	2460	3440	5350
25 ★	345	620	800	1290	1480	1535	1690	2460	3440	5350

★ The last thrust capacity value in each Drive Size column applies to all lower output speeds for that drive.

Axial Thrust Capacities (lb)

No check or calculation is required for axial loads (FA) towards or away from the drive up to 50% of the permissible overhung load. If the axial thrust considerably exceeds these values or if there is a combination of axial thrust loads and overhung loads please contact Rexnord Engineering.

WR^2

Contact the factory.

UC – Gear Drive Horsepower & Torque Ratings

3500 High Speed Shaft rpm/Double Reduction

(Torque is in pound-inches at low speed shaft)

Ratio Code	Approx. L.S. Shaft rpm	Horsepower										Torque									
		Drive Size										Drive Size									
		201	202	203	204	205	206	207	208	09	10	201	202	203	204	205	206	207	208	09	10
1.4	**2500**									146	253									3750	6350
1.8	**1944**									125	249									4430	8780
2.2	**1591**	**See Low Ratio Double Page 29**								118	238	**See Low Ratio Double Page 29**								4690	9150
2.5	**1400**									111	223									4950	9710
2.8	**1250**									146	253									7530	13200
3.2	**1094**									96.6	191									5570	10800
3.6	**972**	6.04	10.7	12.9	21.6	35.1	. . .	42.3	65.7	89.1	180	391	660	803	1340	2190	. . .	2690	4160	5740	11000
4.0	**875**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	125	244	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	8880	17800
4.5	**778**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	118	232	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	9410	18400
5.0	**700**	5.09	8.77	10.5	17.9	30.0	35.1	39.9	65.7	125	220	445	763	919	1560	2630	2710	3530	5930	11000	18900
5.6	**625**	4.72	8.28	9.91	16.8	28.3	30.0	37.4	65.4	118	209	471	794	953	1640	2790	3260	3710	6570	11700	19600
6.3	**556**	4.37	7.68	9.16	15.7	26.6	28.3	35.4	61.7	96.6	182	494	837	1000	1730	2940	3450	3860	6900	11200	21300
7.1	**493**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	89.1	173	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	11500	21900
8.0	**438**	3.77	6.64	7.86	13.6	23.1	26.6	30.2	53.1	96.6	163	545	921	1090	1900	3250	3640	4320	7680	13900	22600
9.0	**389**	3.59	6.13	7.22	12.6	21.4	23.1	28.0	49.4	89.1	155	560	965	1140	2000	3400	4020	4540	8020	14300	23200
10.	**350**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	72.0	135	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	12900	25000
11.	**318**	3.11	5.37	6.29	11.3	19.0	21.4	24.8	43.1	65.5	125	612	1040	1220	2140	3610	4210	4890	8590	13400	26100
12.	**292**	2.87	5.04	5.88	10.4	17.2	19.0	23.4	39.3	72.0	121	641	1080	1260	2260	3760	4470	5080	8820	16000	26400
14.	**250**	2.64	4.65	5.40	9.44	15.4	17.2	21.5	35.5	65.5	112	673	1130	1320	2390	3920	4660	5360	9280	16600	27500
16.	**219**	2.46	4.35	5.01	8.92	14.0	15.4	20.1	32.9	50.0	101	697	1200	1390	2530	3980	4850	5680	9540	14500	28900
18.	**194**	2.27	3.99	4.64	8.44	13.1	14.2	18.6	30.3	45.5	91.9	710	1220	1420	2550	3980	5020	5820	9620	14700	29300
20.	**175**	2.10	3.56	4.22	7.57	11.1	13.6	17.1	27.8	50.0	90.2	721	1250	1480	2710	3980	5110	6110	9970	18000	30500
22.	**159**	1.84	3.33	3.99	7.17	10.4	11.8	15.8	25.2	45.5	84.0	742	1270	1520	2740	3980	5240	6390	10200	18200	31600
25.	**140**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	34.4	68.7	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	15600	31200
28.	**125**	1.59	2.86	3.53	6.01	8.38	11.2	14.1	21.2	31.4	60.8	767	1310	1610	2850	3980	5300	6610	10400	15800	31700
32.	**109**	1.41	2.48	3.12	5.25	7.11	9.26	12.2	18.6	34.4	65.9	791	1360	1710	2930	3980	5450	6800	10700	19300	35300
36.	**94**	1.27	2.26	2.88	4.87	6.50	7.98	11.3	17.3	31.4	59.9	794	1390	1780	2980	3980	5530	6890	10900	19500	36900
40.	**88**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	31.2	57.1	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	21800	36800
45.	**78**	0.98	1.97	2.28	4.00	4.95	7.30	9.59	14.5	28.2	49.6	740	1410	1640	2990	3700	5540	7010	11100	21800	36800
50.	**70**	0.74	1.74	2.06	3.59	4.02	4.95	7.37	13.4	23.7	45.2	635	1410	1680	2990	3350	4590	6190	11200	20200	37600
56.	**63**	0.64	1.53	1.97	2.56	2.56	4.02	5.65	11.7	19.9	38.3	624	1410	1820	2380	2380	4150	5260	11300	19100	34200
63.	**56**	. . .	. . .	. . .	. . .	. . .	2.56	. . .	. . .	20.6	36.8	. . .	. . .	. . .	. . .	. . .	2950	. . .	. . .	21800	36800
71.	**49**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	18.4	34.3	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	21800	36800

3500 High Speed Shaft rpm/Triple Reduction

(Torque is in pound-inches at low speed shaft)

Ratio Code	Approx. L.S. Shaft rpm	Horsepower										Torque									
		Drive Size										Drive Size									
		201	202	203	204	205	206	207	208	09	10	201	202	203	204	205	206	207	208	09	10
56.	**63**	0.81	1.39	1.84	2.46	3.80	. . .	5.41	10.7	17.2	27.1	794	1350	1790	2440	3800	. . .	5450	10900	17600	27800
63.	**56**	0.73	1.29	1.72	2.27	3.35	3.80	5.14	9.98	15.9	25.4	794	1380	1850	2490	3690	4700	5520	11200	18100	29100
71.	**49**	0.66	1.19	1.56	2.03	2.99	3.35	4.50	9.14	15.5	25.1	794	1410	1850	2570	3790	4570	5720	11600	19600	30400
80.	**44**	0.57	1.02	1.34	1.90	2.80	2.99	4.27	8.39	14.4	23.3	794	1410	1850	2620	3860	4700	5800	12000	20300	31400
90.	**39**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	12.5	19.8	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	20100	32400
100	**35**	0.47	0.86	1.12	1.65	2.41	2.80	3.60	7.33	11.6	17.7	794	1410	1850	2720	3980	4780	6070	12700	20700	33400
112	**31**	0.41	0.73	0.96	1.45	2.01	2.42	3.16	6.58	11.3	18.1	795	1410	1850	2860	3980	4950	6290	13300	22500	35000
125	**28**	0.37	0.66	0.86	1.34	1.79	2.11	2.96	6.16	10.5	16.4	795	1410	1850	2980	3980	5180	6430	13700	23200	36500
140	**25**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	8.86	15.9	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	21800	36800
160	**22**	0.30	0.55	0.72	1.15	1.53	1.93	2.58	5.33	8.01	13.8	795	1410	1850	2990	3980	5340	6880	14600	21800	36800
180	**19**	0.26	0.48	0.62	1.02	1.35	1.72	2.40	5.01	8.35	13.0	795	1410	1850	2990	3980	5540	7140	15000	25300	39100
200	**18**	0.23	0.42	0.55	0.90	1.19	1.52	2.23	4.38	7.44	12.1	795	1410	1850	2990	3980	5540	7410	15000	25300	39100
225	**16**	. . .	. . .	. . .	. . .	. . .	1.34	. . .	. . .	5.83	10.2	. . .	. . .	. . .	. . .	. . .	5540	. . .	. . .	21900	36900
250	**14**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	5.19	9.53	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	21900	36900

UC – Gear Drive Horsepower & Torque Ratings

3500 High Speed Shaft rpm/Quadruple Reduction

(Torque is in pound-inches at low speed shaft)

Ratio Code	Approx. L.S. Shaft rpm	Horsepower								Torque							
		Drive Size								Drive Size							
		203	204	205	206	207	208	09	10	203	204	205	206	207	208	09	10
225	**15.56**	0.46	0.76	1.00	. . .	1.95	3.16	5.91	10.36	1859	3009	3983	. . .	7655	12390	23364	39029
250	**14.00**	0.42	0.68	0.89	. . .	1.72	3.00	5.73	9.42	1859	3009	3983	. . .	7655	13275	25311	39029
280	**12.50**	0.38	0.63	0.84	1.18	1.56	2.58	4.93	8.20	1859	3009	3983	5487	7655	13275	25311	39029
300	**11.67**	0.34	0.58	0.76	1.02	1.42	2.30	4.41	7.23	1859	3009	3983	5487	7655	13275	25311	39029
360	**9.72**	0.30	0.49	0.64	0.88	1.24	2.16	4.13	6.55	1859	3009	3983	5487	7655	13275	25311	39029
400	**8.75**	0.27	0.42	0.56	0.81	1.08	1.82	3.49	5.72	1859	3009	3983	5487	7655	13275	25311	39029
450	**7.78**	0.25	0.40	0.52	0.73	0.95	1.66	3.14	5.15	1859	3009	3983	5531	7655	13629	25311	39029
500	**7.00**	0.21	0.36	0.48	0.61	0.88	1.55	2.94	4.55	1859	3009	3983	5531	7655	13629	25311	39029
650	**5.38**	0.18	0.29	0.39	0.57	0.76	1.41	2.37	3.93	1859	3009	3983	5531	7655	15045	25311	39029
730	**4.79**	0.15	0.24	0.32	0.47	0.63	1.14	2.01	3.29	1859	3009	3983	5531	7655	15045	25311	39029
860	**4.07**	0.12	0.21	0.27	0.40	0.53	0.98	1.68	2.75	1859	3009	3983	5531	7655	15045	25311	39029
10C	**3.50**	0.11	0.17	0.23	0.33	0.44	0.83	1.42	2.31	1859	3009	3983	5531	7655	15045	25311	39029
11C	**3.18**	0.09	0.16	0.21	0.29	0.40	0.75	1.29	2.00	1859	3009	3983	5531	7655	15045	25311	39029
13C	**2.69**	0.08	0.14	0.19	0.23	0.36	0.69	1.10	1.83	1859	3009	3983	5531	7655	15045	25311	39029
15C	**2.33**	0.07	0.11	0.15	0.20	0.30	0.56	0.94	1.43	1797	3009	3983	5531	7655	15045	25311	37701
18C	**1.94**	0.06	0.10	0.13	0.17	0.26	0.46	0.86	1.31	1797	3009	3983	5531	7655	15045	25311	37701
20C	**1.75**	0.05	0.09	0.10	0.16	0.19	0.42	0.70	1.09	1797	3009	3363	5531	6416	15045	25311	37701
24C	**1.46**	0.05	0.08	0.09	0.14	0.16	0.38	0.63	0.95	1797	3009	3363	5531	6416	15045	25311	37701
27C	**1.30**	0.04	0.07	0.08	0.13	0.14	0.34	0.56	0.85	1797	3009	3363	5487	6416	15045	25311	37701

3500 High Speed Shaft rpm/Quintuple Reduction

(Torque is in pound-inches at low speed shaft)

Ratio Code	Approx. L.S. Shaft rpm	Horsepower								Torque							
		Drive Size								Drive Size							
		203	204	205	206	207	208	09	10	203	204	205	206	207	208	09	10
27C	**1.30**	0.041	0.066	0.088	0.122	0.17	0.32	0.57	0.93	1859	3009	3983	5531	7655	15045	25311	39029
32C	**1.09**	0.035	0.057	0.075	0.105	0.15	0.27	0.47	0.75	1859	3009	3983	5531	7655	15045	25311	39029
36C	**0.97**	0.030	0.048	0.064	0.084	0.12	0.23	0.40	0.64	1859	3009	3983	5531	7655	15045	25311	39029
40C	**0.88**	0.027	0.043	0.057	0.076	0.11	0.20	0.35	0.58	1859	3009	3983	5531	7655	15045	25311	39029
46C	**0.76**	0.024	0.040	0.052	0.064	0.10	0.19	0.32	0.51	1797	3009	3983	5531	7655	15045	25311	39029
55C	**0.64**	0.020	0.033	0.044	0.053	0.084	0.16	0.27	0.41	1797	3009	3983	5531	7655	15045	25311	39029
65C	**0.54**	0.016	0.027	0.036	0.049	0.070	0.13	0.19	0.36	1797	3009	3983	5531	7655	15045	21948	37701
74C	**0.47**	0.014	0.023	0.031	0.043	0.061	0.12	0.17	0.30	1797	3009	3983	5531	7655	15045	21948	37701
84C	**0.42**	0.013	0.021	0.023	0.037	0.044	0.11	0.18	0.26	1797	3009	3363	5531	6416	15045	25311	37701
95C	**0.37**	0.011	0.018	0.021	0.034	0.039	0.093	0.15	0.24	1797	3009	3363	5487	6416	15045	25311	37701
10K	**0.35**	0.010	0.013	0.013	0.030	0.035	0.073	0.11	0.22	1797	2390	2390	5487	6416	13718	21948	37436

2400 High Speed Shaft rpm

Contact the factory.

UC – Gear Drive Horsepower & Torque Ratings

1750 High Speed Shaft rpm/Double Reduction

(Torque is in pound-inches at low speed shaft)

Ratio Code	Approx. L.S. Shaft rpm	Horsepower										Torque									
		Drive Size										Drive Size									
		201	202	203	204	205	206	207	208	09	10	201	202	203	204	205	206	207	208	09	10
1.4	**1250**									92.1	127									4770	6390
1.8	**972**									78.7	127									5620	8940
2.2	**795**									74.3	127									5940	9730
2.5	**700**	**See Low Ratio Double Page 29**								69.8	127	**See Low Ratio Double Page 29**								6270	11100
2.8	**625**									92.1	127									9570	13200
3.2	**547**									60.9	120									7060	13700
3.6	**486**	3.78	6.67	7.93	13.5	20.6	. . .	21.2	32.9	56.2	113	493	833	991	1690	2590	. . .	2700	4190	7280	13900
4.0	**438**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	78.7	127	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	11300	18500
4.5	**389**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	74.3	127	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	11900	20100
5.0	**350**	3.19	5.49	6.45	11.2	18.9	20.6	21.2	32.9	78.7	127	562	963	1130	1970	3340	3200	3760	5960	14000	21800
5.6	**313**	2.96	5.19	6.07	10.5	17.8	18.9	21.2	32.9	74.3	127	594	1000	1170	2070	3530	4130	4220	6630	14800	23800
6.3	**278**	2.74	4.81	5.61	9.83	16.5	17.8	21.2	32.9	60.9	112	623	1060	1230	2180	3650	4370	4640	7380	14100	26300
7.1	**246**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	56.2	106	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	14600	27000
8.0	**219**	2.35	4.16	4.82	8.53	14.1	16.5	19.0	32.9	60.5	100	683	1160	1340	2400	3980	4530	5440	9560	17400	27800
9.0	**194**	2.21	3.79	4.43	7.91	12.5	14.6	17.6	31.1	56.2	95.5	692	1200	1400	2520	3980	5080	5730	10200	18100	28600
10.	**175**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	45.4	83.0	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	16300	30800
11.	**159**	1.83	3.21	3.86	7.02	10.4	13.3	15.6	27.2	41.3	76.5	724	1250	1500	2670	3980	5260	6170	10900	16900	32100
12.	**146**	1.66	2.95	3.61	6.28	8.60	11.3	14.6	24.7	45.3	74.3	742	1270	1560	2750	3770	5340	6360	11200	20200	32500
14.	**125**	1.49	2.66	3.31	5.56	7.81	8.60	13.1	22.4	41.3	68.5	763	1300	1620	2830	3980	4670	6550	11700	21000	33900
16.	**109**	1.38	2.45	3.09	5.15	6.99	8.36	12.0	20.7	31.5	58.1	783	1360	1720	2930	3980	5280	6790	12100	18300	33400
18.	**97**	1.27	2.24	2.85	4.81	6.55	7.85	10.9	18.9	28.7	52.3	794	1370	1740	2920	3980	5540	6830	12100	18500	33400
20.	**88**	1.15	2.01	2.59	4.16	5.53	7.36	9.76	17.5	31.5	55.4	794	1410	1830	2990	3980	5540	6990	12600	22700	37600
22.	**80**	0.98	1.85	2.42	3.90	5.18	6.22	8.74	15.9	28.7	51.6	794	1410	1850	2990	3980	5540	7070	12900	23000	38900
25.	**70**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	21.6	36.7	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	19700	33400
28.	**63**	0.82	1.54	2.02	3.15	4.18	5.82	7.65	13.4	19.8	31.9	794	1410	1850	2990	3980	5540	7170	13200	19900	33400
32.	**55**	0.71	1.29	1.68	2.67	3.55	4.70	6.53	11.7	21.6	36.4	794	1410	1850	2990	3980	5540	7290	13500	24400	39100
36.	**49**	0.64	1.15	1.50	2.44	3.25	3.99	6.03	10.9	19.8	31.6	794	1410	1850	2990	3980	5540	7360	13700	24700	39100
40.	**44**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	15.6	28.6	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	21800	36800
45.	**39**	0.49	0.98	1.20	2.00	2.47	3.65	5.12	9.11	14.1	24.8	741	1410	1730	2990	3700	5540	7500	14100	21800	36800
50.	**35**	0.37	0.87	1.08	1.79	2.01	2.47	3.69	8.42	14.8	22.6	636	1410	1770	2990	3360	4580	6200	14200	25300	37700
56.	**31**	0.32	0.77	0.98	1.28	1.28	2.01	2.83	6.97	9.37	19.2	625	1410	1820	2390	2390	4160	5270	13500	18000	34200
63.	**28**	. . .	. . .	. . .	. . .	. . .	1.28	. . .	. . .	10.3	18.4	. . .	. . .	. . .	. . .	. . .	2960	. . .	. . .	21800	36800
71.	**25**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	9.17	17.2	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	21800	36800

1750 High Speed Shaft rpm/Triple Reduction

(Torque is in pound-inches at low speed shaft)

Ratio Code	Approx. L.S. Shaft rpm	Horsepower										Torque									
		Drive Size										Drive Size									
		201	202	203	204	205	206	207	208	09	10	201	202	203	204	205	206	207	208	09	10
56.	**31**	0.40	0.73	0.95	1.43	1.98	. . .	3.11	6.48	10.5	16.1	795	1410	1850	2870	3980	. . .	6310	13400	21600	33400
63.	**28**	0.36	0.66	0.86	1.34	1.80	2.16	2.96	6.08	9.73	14.5	795	1410	1850	2960	3980	5370	6400	13800	22300	33400
71.	**25**	0.33	0.60	0.78	1.18	1.57	1.92	2.65	5.58	9.45	15.3	795	1410	1850	2990	3980	5260	6780	14300	24200	37500
80.	**22**	0.28	0.51	0.67	1.08	1.44	1.73	2.53	5.12	8.78	14.2	795	1410	1850	2990	3980	5460	6920	14800	24900	38700
90.	**19**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	7.23	10.2	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	23400	33400
100	**18**	0.24	0.43	0.56	0.90	1.20	1.62	2.20	4.29	6.54	8.83	795	1410	1850	2990	3980	5540	7440	15000	23400	33400
112	**16**	0.20	0.37	0.48	0.76	1.00	1.35	1.92	3.68	6.31	10.1	795	1410	1850	2990	3980	5540	7680	15000	25300	39100
125	**14**	0.18	0.33	0.43	0.67	0.89	1.13	1.76	3.35	5.71	8.75	795	1410	1850	2990	3980	5540	7680	15000	25300	39100
140	**13**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	4.40	7.92	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	21900	36900
160	**11**	0.15	0.27	0.36	0.58	0.77	1.00	1.44	2.73	3.98	6.88	795	1410	1850	2990	3980	5540	7680	15000	21900	36900
180	**10**	0.13	0.24	0.31	0.51	0.68	0.86	1.29	2.51	4.16	6.48	795	1410	1850	2990	3980	5540	7680	15000	25300	39100
200	**8.8**	0.12	0.21	0.28	0.45	0.60	0.76	1.15	2.18	3.71	6.04	795	1410	1850	2990	3980	5540	7680	15000	25300	39100
225	**7.8**	. . .	. . .	. . .	. . .	. . .	0.67	. . .	. . .	2.90	5.09	. . .	. . .	. . .	. . .	. . .	5540	. . .	. . .	21900	36900
250	**7.0**	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	2.58	4.75	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	21900	36900

UC – Gear Drive Horsepower & Torque Ratings

1750 High Speed Shaft rpm/Quadruple Reduction

(Torque is in pound-inches at low speed shaft)

Ratio Code	Approx. L.S. Shaft rpm	Horsepower								Torque							
		Drive Size								Drive Size							
		203	204	205	206	207	208	09	10	203	204	205	206	207	208	09	10
225	**7.78**	0.23	0.38	0.50	…	0.98	1.58	2.96	5.18	1859	3009	3983	…	7655	12390	23364	39029
250	**7.00**	0.21	0.34	0.45	…	0.86	1.50	2.87	4.71	1859	3009	3983	…	7655	13275	25311	39029
280	**6.25**	0.19	0.32	0.42	0.59	0.78	1.29	2.46	4.10	1859	3009	3983	5487	7655	13275	25311	39029
300	**5.83**	0.17	0.29	0.38	0.51	0.71	1.15	2.20	3.61	1859	3009	3983	5487	7655	13275	25311	39029
360	**4.86**	0.15	0.24	0.32	0.44	0.62	1.08	2.07	3.28	1859	3009	3983	5487	7655	13275	25311	39029
400	**4.38**	0.14	0.21	0.28	0.40	0.54	0.91	1.74	2.86	1859	3009	3983	5487	7655	13275	25311	39029
450	**3.89**	0.12	0.20	0.26	0.36	0.48	0.83	1.57	2.58	1859	3009	3983	5531	7655	13629	25311	39029
500	**3.50**	0.11	0.18	0.24	0.30	0.44	0.78	1.47	2.28	1859	3009	3983	5531	7655	13629	25311	39029
650	**2.69**	0.09	0.15	0.19	0.29	0.38	0.71	1.19	1.96	1859	3009	3983	5531	7655	15045	25311	39029
730	**2.40**	0.07	0.12	0.16	0.24	0.32	0.57	1.01	1.65	1859	3009	3983	5531	7655	15045	25311	39029
860	**2.03**	0.06	0.10	0.14	0.20	0.26	0.49	0.84	1.38	1859	3009	3983	5531	7655	15045	25311	39029
10C	**1.75**	0.05	0.09	0.11	0.17	0.22	0.41	0.71	1.16	1859	3009	3983	5531	7655	15045	25311	39029
11C	**1.59**	0.05	0.08	0.10	0.14	0.20	0.38	0.64	1.00	1859	3009	3983	5531	7655	15045	25311	39029
13C	**1.35**	0.04	0.07	0.09	0.12	0.18	0.34	0.55	0.92	1859	3009	3983	5531	7655	15045	25311	39029
15C	**1.17**	0.04	0.06	0.08	0.10	0.15	0.28	0.47	0.72	1797	3009	3983	5531	7655	15045	25311	37701
18C	**0.97**	0.03	0.05	0.07	0.09	0.13	0.23	0.43	0.65	1797	3009	3983	5531	7655	15045	25311	37701
20C	**0.88**	0.03	0.04	0.05	0.08	0.09	0.21	0.35	0.55	1797	3009	3363	5531	6416	15045	25311	37701
24C	**0.73**	0.02	0.04	0.04	0.07	0.08	0.19	0.31	0.47	1797	3009	3363	5531	6416	15045	25311	37701
27C	**0.65**	0.02	0.03	0.04	0.06	0.07	0.17	0.28	0.43	1797	3009	3363	5487	6416	15045	25311	37701

1750 High Speed Shaft rpm/Quintuple Reduction

(Torque is in pound-inches at low speed shaft)

Ratio Code	Approx. L.S. Shaft rpm	Horsepower								Torque							
		Drive Size								Drive Size							
		203	204	205	206	207	208	09	10	203	204	205	206	207	208	09	10
27C	**0.65**	0.021	0.033	0.044	0.062	0.086	0.16	0.29	0.50	1859	3009	3983	5531	7655	15045	25311	39029
32C	**0.55**	0.018	0.029	0.038	0.053	0.074	0.14	0.24	0.41	1859	3009	3983	5531	7655	15045	25311	39029
36C	**0.49**	0.015	0.024	0.032	0.043	0.062	0.12	0.20	0.34	1859	3009	3983	5531	7655	15045	25311	39029
40C	**0.44**	0.013	0.022	0.026	0.038	0.056	0.10	0.18	0.31	1859	3009	3983	5531	7655	15045	25311	39029
46C	**0.38**	0.012	0.02	0.026	0.033	0.051	0.094	0.16	0.27	1797	3009	3983	5531	7655	15045	25311	39029
55C	**0.32**	0.010	0.017	0.022	0.027	0.042	0.081	0.14	0.22	1797	3009	3983	5531	7655	15045	25311	39029
65C	**0.27**	0.008	0.014	0.018	0.025	0.035	0.066	0.10	0.20	1797	3009	3983	5531	7655	15045	21948	37701
74C	**0.24**	0.007	0.012	0.016	0.022	0.031	0.058	0.085	0.16	1797	3009	3983	5531	7655	15045	21948	37701
84C	**0.21**	0.006	0.011	0.012	0.019	0.022	0.053	0.088	0.14	1797	3009	3363	5531	6416	15045	25311	37701
95C	**0.184**	0.006	0.009	0.01	0.017	0.020	0.047	0.078	0.13	1797	3009	3363	5487	6416	15045	25311	37701
10K	**0.175**	0.005	0.007	0.007	0.015	0.018	0.037	0.054	0.12	1797	2390	2390	5487	6416	13718	21948	37436

1430 High Speed Shaft rpm

Contact the factory.

UC – Gear Drive Horsepower & Torque Ratings

1170 High Speed Shaft rpm/Double Reduction

(Torque is in pound-inches at low speed shaft)

Ratio Code	Approx. L.S. Shaft rpm	Horsepower										Torque									
		Drive Size										Drive Size									
		201	202	203	204	205	206	207	208	09	10	201	202	203	204	205	206	207	208	09	10
1.4	836									70.0	83.9									5480	6390
1.8	650									59.8	83.9									6460	8950
2.2	532	**See Low Ratio Double Page 30**								56.4	83.9	**See Low Ratio Double Page 30**								6840	9740
2.5	468									53.1	83.9									7220	11100
2.8	418									70.0	83.9									11000	13200
3.2	366									46.3	80.7									8120	13900
3.6	325	2.87	5.06	5.94	10.2	13.7	. . .	14.0	21.8	42.7	74.7	566	956	1120	1930	2590	. . .	2710	4200	8360	13900
4.0	293	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	59.8	83.9	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	12900	18500
4.5	260	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	56.4	83.9	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	13700	20100
5.0	234	2.42	4.17	4.83	8.51	12.7	13.7	14.0	21.8	59.8	83.9	645	1110	1280	2260	3380	3210	3760	5980	16000	21900
5.6	209	2.22	3.94	4.55	7.97	12.2	12.7	14.0	21.8	56.4	83.9	671	1150	1330	2380	3650	4190	4230	6640	17000	23800
6.3	186	2.01	3.58	4.20	7.46	10.9	12.2	14.0	21.8	46.3	83.6	689	1190	1400	2500	3660	4520	4650	7390	16300	29700
7.1	165	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	42.7	79.7	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	16700	30600
8.0	147	1.66	2.96	3.61	6.28	9.35	10.9	14.0	21.8	45.3	75.1	727	1250	1520	2670	3980	4530	6080	9570	19700	31500
9.0	130	1.56	2.67	3.32	5.69	8.25	9.97	13.0	21.8	42.2	71.5	737	1280	1590	2740	3980	5260	6390	10700	20500	32400
10.	117	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	34.5	59.6	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	18800	33400
11.	106	1.31	2.28	2.89	4.95	6.92	9.00	11.1	20.6	31.4	52.7	782	1340	1700	2840	3980	5380	6650	12500	19500	33400
12.	98	1.17	2.11	2.70	4.45	5.70	7.76	10.3	18.8	34.0	55.7	794	1380	1760	2940	3770	5530	6780	12800	22900	36800
14.	84	1.03	1.91	2.48	3.89	5.17	5.70	9.25	17.0	31.1	51.3	794	1410	1840	2990	3980	4670	6990	13500	23900	38400
16.	73	0.93	1.69	2.20	3.48	4.63	5.54	8.31	14.3	24.0	38.5	794	1410	1850	2990	3980	5280	7110	12600	21000	33400
18.	65	0.84	1.53	2.00	3.26	4.34	5.20	7.60	12.5	21.8	34.7	794	1410	1850	2990	3980	5540	7170	12100	21300	33400
20.	59	0.76	1.33	1.74	2.76	3.67	4.88	6.72	11.9	23.2	38.2	794	1410	1850	2990	3980	5540	7270	12900	25300	39100
22.	53	0.65	1.23	1.60	2.58	3.43	4.12	6.02	11.1	20.9	34.4	794	1410	1850	2990	3980	5540	7360	13600	25300	39100
25.	47	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	16.5	24.3	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	22600	33400
28.	42	0.54	1.02	1.34	2.08	2.77	3.86	5.28	9.94	15.1	21.1	794	1410	1850	2990	3980	5540	7470	14800	22900	33400
32.	37	0.47	0.85	1.12	1.77	2.35	3.11	4.51	8.68	14.9	24.1	794	1410	1850	2990	3980	5540	7600	15000	25300	39100
36.	33	0.42	0.76	0.99	1.62	2.15	2.64	4.16	7.91	13.4	21.0	794	1410	1850	2990	3980	5540	7670	15000	25300	39100
40.	29	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	10.3	18.9	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	21800	36800
45.	26	0.33	0.65	0.83	1.32	1.69	2.42	3.48	6.45	9.35	16.4	741	1410	1790	2990	3820	5540	7680	15000	21800	36800
50.	23	0.24	0.58	0.74	1.19	1.33	1.69	2.44	5.92	9.80	15.0	636	1410	1830	2990	3360	4740	6200	15000	25300	37700
56.	21	0.21	0.51	0.65	0.85	0.85	1.33	1.87	4.71	6.02	12.7	626	1410	1820	2390	2390	4160	5270	13700	17400	34300
63.	19	. . .	. . .	. . .	. . .	. . .	0.85	. . .	. . .	6.81	12.2	. . .	. . .	. . .	. . .	. . .	2960	. . .	. . .	21900	36900
71.	16	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	6.02	11.4	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	21700	36900

1170 High Speed Shaft rpm/Triple Reduction

(Torque is in pound-inches at low speed shaft)

Ratio Code	Approx. L.S. Shaft rpm	Horsepower										Torque									
		Drive Size										Drive Size									
		201	202	203	204	205	206	207	208	09	10	201	202	203	204	205	206	207	208	09	10
56.	21	0.27	0.48	0.63	0.99	1.31	. . .	2.35	4.80	7.49	10.7	795	1410	1850	2990	3980	. . .	7190	15000	23400	33400
63.	19	0.24	0.44	0.57	0.90	1.19	1.47	2.25	4.39	6.75	9.59	795	1410	1850	2990	3980	5540	7340	15000	23400	33400
71.	16	0.22	0.40	0.52	0.78	1.04	1.34	1.99	3.88	6.54	10.6	795	1410	1850	2990	3980	5540	7680	15000	25300	39100
80.	15	0.19	0.34	0.44	0.72	0.95	1.16	1.86	3.44	5.89	9.50	795	1410	1850	2990	3980	5540	7680	15000	25300	39100
90.	13	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	4.78	6.73	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	23400	33400
100	12	0.16	0.28	0.37	0.60	0.80	1.07	1.50	2.84	4.33	5.84	795	1410	1850	2990	3980	5540	7680	15000	23400	33400
112	11	0.13	0.24	0.32	0.50	0.66	0.89	1.27	2.44	4.17	6.67	795	1410	1850	2990	3980	5540	7680	15000	25300	39100
125	9.0	0.12	0.22	0.29	0.44	0.59	0.75	1.16	2.22	3.78	5.79	795	1410	1850	2990	3980	5540	7680	15000	25300	39100
140	8.4	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	2.91	5.24	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	21900	36900
160	7.3	0.10	0.18	0.24	0.38	0.51	0.66	0.95	1.81	2.63	4.55	795	1410	1850	2990	3980	5540	7680	15000	21900	36900
180	6.5	0.09	0.16	0.21	0.34	0.45	0.57	0.86	1.66	2.75	4.29	795	1410	1850	2990	3980	5540	7680	15000	25300	39100
200	5.9	0.08	0.14	0.18	0.30	0.39	0.50	0.77	1.45	2.45	4.00	795	1410	1850	2990	3980	5540	7780	15000	25300	39100
225	5.2	. . .	. . .	. . .	. . .	. . .	0.44	. . .	. . .	1.92	3.37	. . .	. . .	. . .	. . .	. . .	5540	. . .	. . .	21900	36900
250	4.7	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	1.71	3.14	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	21900	36900

UC – Gear Drive Horsepower & Torque Ratings

1170 High Speed Shaft rpm/Quadruple Reduction

(Torque is in pound-inches at low speed shaft)

Ratio Code	Approx. L.S. Shaft rpm	Horsepower								Torque							
		Drive Size								Drive Size							
		203	204	205	206	207	208	09	10	203	204	205	206	207	208	09	10
225	**5.20**	0.15	0.25	0.33	…	0.65	1.05	1.96	3.43	1859	3009	3983	…	7655	12390	23364	39029
250	**4.68**	0.14	0.22	0.30	…	0.57	0.99	1.90	3.12	1859	3009	3983	…	7655	13275	25311	39029
280	**4.18**	0.13	0.21	0.28	0.39	0.52	0.85	1.63	2.72	1859	3009	3983	5487	7655	13275	25311	39029
300	**3.90**	0.11	0.19	0.25	0.34	0.47	0.76	1.46	2.40	1859	3009	3983	5487	7655	13275	25311	39029
360	**3.25**	0.10	0.16	0.21	0.29	0.41	0.72	1.37	2.17	1859	3009	3983	5487	7655	13275	25311	39029
400	**2.93**	0.09	0.14	0.19	0.27	0.36	0.60	1.16	1.90	1859	3009	3983	5487	7655	13275	25311	39029
450	**2.60**	0.08	0.13	0.17	0.24	0.32	0.55	1.04	1.71	1859	3009	3983	5531	7655	13629	25311	39029
500	**2.34**	0.07	0.12	0.16	0.20	0.29	0.52	0.98	1.51	1859	3009	3983	5531	7655	13629	25311	39029
650	**1.80**	0.06	0.10	0.13	0.19	0.25	0.47	0.79	1.30	1859	3009	3983	5531	7655	15045	25311	39029
730	**1.60**	0.05	0.08	0.11	0.16	0.21	0.38	0.67	1.09	1859	3009	3983	5531	7655	15045	25311	39029
860	**1.36**	0.04	0.07	0.09	0.13	0.18	0.32	0.56	0.91	1859	3009	3983	5531	7655	15045	25311	39029
10C	**1.17**	0.04	0.06	0.08	0.11	0.15	0.28	0.47	0.77	1859	3009	3983	5531	7655	15045	25311	39029
11C	**0.94**	0.03	0.05	0.07	0.10	0.13	0.25	0.43	0.66	1859	3009	3983	5531	7655	15045	25311	39029
13C	**0.90**	0.03	0.05	0.06	0.08	0.12	0.23	0.37	0.61	1859	3009	3983	5531	7655	15045	25311	39029
15C	**0.78**	0.02	0.04	0.05	0.07	0.10	0.19	0.31	0.47	1797	3009	3983	5531	7655	15045	25311	37701
18C	**0.65**	0.02	0.03	0.04	0.06	0.09	0.15	0.28	0.43	1797	3009	3983	5531	7655	15045	25311	37701
20C	**0.59**	0.02	0.03	0.03	0.05	0.06	0.14	0.23	0.36	1797	3009	3363	5531	6416	15045	25311	37701
24C	**0.49**	0.02	0.03	0.03	0.05	0.05	0.13	0.21	0.31	1797	3009	3363	5531	6416	15045	25311	37701
27C	**0.43**	0.01	0.02	0.03	0.04	0.05	0.11	0.19	0.28	1797	3009	3363	5487	6416	15045	25311	37701

1170 High Speed Shaft rpm/Quintuple Reduction

(Torque is in pound-inches at low speed shaft)

Ratio Code	Approx. L.S. Shaft rpm	Horsepower								Torque							
		Drive Size								Drive Size							
		203	204	205	206	207	208	09	10	203	204	205	206	207	208	09	10
27C	**0.43**	0.014	0.022	0.029	0.041	0.057	0.108	0.19	0.31	1859	3009	3983	5531	7655	15071	25311	39029
32C	**0.37**	0.012	0.019	0.025	0.035	0.049	0.090	0.16	0.25	1859	3009	3983	5531	7655	15071	25311	39029
36C	**0.33**	0.010	0.016	0.021	0.028	0.041	0.077	0.13	0.21	1859	3009	3983	5531	7655	15071	25311	39029
40C	**0.29**	0.009	0.015	0.018	0.025	0.037	0.068	0.12	0.20	1859	3009	3983	5531	7655	15071	25311	39029
46C	**0.25**	0.008	0.013	0.018	0.022	0.034	0.062	0.11	0.17	1859	3009	3983	5531	7655	15071	25311	39029
55C	**0.21**	0.007	0.011	0.015	0.018	0.028	0.054	0.092	0.14	1859	3009	3983	5531	7655	15071	25311	39029
65C	**0.18**	0.005	0.009	0.012	0.016	0.023	0.044	0.064	0.12	1797	3009	3983	5531	7655	15071	21948	37701
74C	**0.16**	0.005	0.008	0.010	0.014	0.020	0.039	0.056	0.10	1797	3009	3983	5531	7655	15071	21948	37701
84C	**0.14**	0.004	0.007	0.008	0.013	0.015	0.035	0.059	0.089	1797	3009	3363	5531	6416	15071	25311	37701
95C	**0.123**	0.004	0.0060	0.0070	0.012	0.013	0.031	0.052	0.079	1797	3009	3363	5487	6416	15071	25311	37701
10K	**0.117**	0.003	0.0040	0.0040	0.010	0.012	0.025	0.036	0.073	1797	2390	2390	5487	6416	13741	21948	37436

UC – Gear Drive Horsepower & Torque Ratings

870 High Speed Shaft rpm/Double Reduction

(Torque is in pound-inches at low speed shaft)

Ratio Code	Approx. L.S. Shaft rpm	Horsepower										Torque									
		Drive Size										Drive Size									
		201	202	203	204	205	206	207	208	09	10	201	202	203	204	205	206	207	208	09	10
1.4	621	See Low Ratio Double Page 30								58.0	63.3	See Low Ratio Double Page 30								6040	6390
1.8	483									49.6	63.3									7110	8960
2.2	395									46.8	63.3									7520	9750
2.5	348									44.0	63.3									7940	11100
2.8	311									58.0	63.3									12100	13200
3.2	272									38.4	60.8									8930	13900
3.6	242	2.38	4.19	4.87	8.47	10.3	. . .	10.6	16.4	35.4	56.3	622	1050	1220	2130	2590	. . .	2710	4210	9200	13900
4.0	218	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	49.6	63.3	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	14200	18500
4.5	193	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	46.8	63.3	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	15100	20200
5.0	174	1.92	3.35	3.96	7.04	9.59	10.3	10.6	16.4	49.6	63.3	679	1180	1400	2490	3390	3210	3770	5980	17700	21900
5.6	155	1.74	3.10	3.73	6.48	9.22	9.59	10.6	16.4	46.8	63.3	701	1200	1450	2570	3650	4190	4230	6650	18700	23800
6.3	138	1.58	2.82	3.45	5.94	8.23	9.22	10.6	16.4	38.4	63.3	720	1240	1520	2640	3660	4520	4650	7400	17900	29900
7.1	123	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	35.4	63.3	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	18400	32200
8.0	109	1.32	2.35	2.96	4.94	7.05	8.23	10.6	16.4	37.1	61.6	768	1310	1660	2790	3980	4530	6080	9580	21500	34300
9.0	97	1.25	2.13	2.72	4.49	6.22	7.52	10.2	16.4	34.6	58.7	782	1350	1730	2870	3980	5260	6670	10800	22300	35200
10.	87	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	28.6	45.0	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	20600	33400
11.	79	1.00	1.82	2.37	3.93	5.22	6.78	8.80	16.4	26.0	39.7	794	1410	1850	2990	3980	5380	6980	13200	21400	33400
12.	73	0.88	1.64	2.14	3.41	4.30	5.85	8.16	15.6	27.9	44.6	794	1410	1850	2990	3780	5530	7120	14100	24900	39100
14.	62	0.78	1.44	1.88	2.93	3.90	4.30	7.20	14.1	24.8	39.4	794	1410	1850	2990	3980	4680	7210	14800	25300	39100
16.	54	0.70	1.27	1.66	2.63	3.49	4.18	6.44	10.8	19.9	29.0	794	1410	1850	2990	3980	5280	7300	12600	23100	33400
18.	48	0.63	1.15	1.51	2.46	3.27	3.92	5.89	9.46	18.1	26.1	794	1410	1850	2990	3980	5540	7370	12100	23400	33400
20.	44	0.58	1.00	1.31	2.08	2.76	3.68	5.21	8.97	17.5	28.8	794	1410	1850	2990	3980	5540	7480	12900	25300	39100
22.	40	0.49	0.92	1.21	1.95	2.59	3.11	4.67	8.36	15.8	25.9	794	1410	1850	2990	3980	5540	7570	13600	25300	39100
25.	35	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	12.8	18.4	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	23400	33400
28.	31	0.41	0.77	1.01	1.57	2.09	2.91	4.09	7.50	11.6	15.9	794	1410	1850	2990	3980	5540	7680	14800	23400	33400
32.	27	0.35	0.64	0.84	1.33	1.77	2.35	3.44	6.55	11.2	18.2	795	1410	1850	2990	3980	5540	7680	15000	25300	39100
36.	24	0.32	0.57	0.75	1.22	1.62	1.99	3.14	5.97	10.1	15.8	795	1410	1850	2990	3980	5540	7680	15000	25300	39100
40.	22	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	7.79	14.3	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	21800	36800
45.	19	0.25	0.49	0.64	1.00	1.31	1.82	2.62	4.87	7.05	12.4	742	1410	1830	2990	3920	5540	7680	15000	21900	36900
50.	17	0.18	0.43	0.57	0.90	1.01	1.31	1.84	4.46	7.39	11.3	636	1410	1840	2990	3360	4850	6200	15000	25300	37700
56.	16	0.16	0.38	0.49	0.64	0.64	1.01	1.41	3.55	4.46	9.59	626	1410	1820	2390	2390	4160	5270	13700	17100	34300
63.	14	. . .	. . .	. . .	. . .	. . .	0.64	. . .	. . .	5.14	9.20	. . .	. . .	. . .	. . .	. . .	2960	. . .	. . .	21900	36900
71.	12	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	4.46	8.58	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	21300	36900

870 High Speed Shaft rpm/Triple Reduction

(Torque is in pound-inches at low speed shaft)

Ratio Code	Approx. L.S. Shaft rpm	Horsepower										Torque									
		Drive Size										Drive Size									
		201	202	203	204	205	206	207	208	09	10	201	202	203	204	205	206	207	208	09	10
56.	16	0.20	0.36	0.47	0.75	0.99	. . .	1.89	3.62	5.64	8.02	795	1410	1850	2990	3980	. . .	7680	15000	23400	33400
63.	14	0.18	0.33	0.43	0.68	0.90	1.11	1.77	3.31	5.08	7.22	795	1410	1850	2990	3980	5540	7680	15000	23400	33400
71.	12	0.16	0.30	0.39	0.59	0.78	1.01	1.50	2.92	4.93	7.95	795	1410	1850	2990	3980	5540	7680	15000	25300	39100
80.	11	0.14	0.26	0.33	0.54	0.72	0.88	1.40	2.59	4.44	7.16	795	1410	1850	2990	3980	5540	7680	15000	25300	39100
90.	9.7	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	3.60	5.07	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	23400	33400
100	8.7	0.12	0.21	0.28	0.45	0.60	0.81	1.13	2.14	3.26	4.40	795	1410	1850	2990	3980	5540	7680	15000	23400	33400
112	7.8	0.10	0.18	0.24	0.38	0.50	0.67	0.96	1.84	3.15	5.02	795	1410	1850	2990	3980	5540	7680	15000	25300	39100
125	7.0	0.09	0.17	0.22	0.34	0.45	0.56	0.88	1.67	2.85	4.36	795	1410	1850	2990	3980	5540	7680	15000	25300	39100
140	6.2	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	2.19	3.95	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	21900	36900
160	5.4	0.08	0.14	0.18	0.29	0.38	0.50	0.73	1.36	1.98	3.43	795	1410	1850	2990	3980	5540	7830	15000	21900	36900
180	4.8	0.07	0.12	0.16	0.25	0.34	0.43	0.66	1.25	2.07	3.23	795	1410	1850	2990	3980	5540	7680	15000	25300	39100
200	4.4	0.06	0.11	0.14	0.22	0.30	0.38	0.59	1.11	1.85	3.02	795	1410	1850	2990	3980	5540	7680	15300	25300	39100
225	3.9	. . .	. . .	. . .	. . .	. . .	0.33	. . .	. . .	1.45	2.59	. . .	. . .	. . .	. . .	. . .	5540	. . .	. . .	21900	37600
250	3.5	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	1.29	2.43	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	21900	37800

UC – Gear Drive Horsepower & Torque Ratings

870 High Speed Shaft rpm/Quadruple Reduction

(Torque is in pound-inches at low speed shaft)

Ratio Code	Approx. L.S. Shaft rpm	Horsepower								Torque							
		Drive Size								Drive Size							
		203	204	205	206	207	208	09	10	203	204	205	206	207	208	09	10
225	**3.87**	0.12	0.19	0.25	…	0.49	0.79	1.48	2.59	1859	3009	3983	…	7655	12390	23364	39029
250	**3.48**	0.10	0.17	0.22	…	0.43	0.75	1.43	2.36	1859	3009	3983	…	7655	13275	25311	39029
280	**3.11**	0.09	0.16	0.21	0.29	0.39	0.64	1.23	2.05	1859	3009	3983	5487	7655	13275	25311	39029
300	**2.90**	0.09	0.14	0.19	0.26	0.36	0.58	1.10	1.81	1859	3009	3983	5487	7655	13275	25311	39029
360	**2.42**	0.07	0.12	0.16	0.22	0.31	0.54	1.03	1.64	1859	3009	3983	5487	7655	13275	25311	39029
400	**2.18**	0.07	0.11	0.14	0.20	0.27	0.46	0.87	1.43	1859	3009	3983	5487	7655	13275	25311	39029
450	**1.93**	0.06	0.10	0.13	0.18	0.24	0.42	0.79	1.29	1859	3009	3983	5531	7655	13629	25311	39029
500	**1.74**	0.05	0.09	0.12	0.15	0.22	0.39	0.74	1.14	1859	3009	3983	5531	7655	13629	25311	39029
650	**1.34**	0.04	0.07	0.10	0.14	0.19	0.35	0.59	0.98	1859	3009	3983	5531	7655	15045	25311	39029
730	**1.19**	0.04	0.06	0.08	0.12	0.16	0.29	0.50	0.82	1859	3009	3983	5531	7655	15045	25311	39029
860	**1.01**	0.03	0.05	0.07	0.10	0.13	0.24	0.42	0.69	1859	3009	3983	5531	7655	15045	25311	39029
10C	**0.87**	0.03	0.04	0.06	0.08	0.11	0.21	0.36	0.58	1859	3009	3983	5531	7655	15045	25311	39029
11C	**0.79**	0.02	0.04	0.05	0.07	0.10	0.19	0.32	0.50	1859	3009	3983	5531	7655	15045	25311	39029
13C	**0.67**	0.02	0.04	0.05	0.06	0.09	0.17	0.28	0.46	1859	3009	3983	5531	7655	15045	25311	39029
15C	**0.58**	0.02	0.03	0.04	0.05	0.07	0.14	0.23	0.36	1797	3009	3983	5531	7655	15045	25311	37701
18C	**0.48**	0.02	0.03	0.03	0.04	0.06	0.12	0.21	0.33	1797	3009	3983	5531	7655	15045	25311	37701
20C	**0.44**	0.01	0.02	0.03	0.04	0.05	0.11	0.17	0.27	1797	3009	3363	5531	6416	15045	25311	37701
24C	**0.36**	0.01	0.02	0.02	0.04	0.04	0.09	0.16	0.24	1797	3009	3363	5531	6416	15045	25311	37701
27C	**0.32**	0.01	0.02	0.02	0.03	0.04	0.08	0.14	0.21	1797	3009	3363	5487	6416	15045	25311	37701

870 High Speed Shaft rpm/Quintuple Reduction

(Torque is in pound-inches at low speed shaft)

Ratio Code	Approx. L.S. Shaft rpm	Horsepower								Torque							
		Drive Size								Drive Size							
		203	204	205	206	207	208	09	10	203	204	205	206	207	208	09	10
27C	**0.32**	0.010	0.017	0.022	0.031	0.043	0.081	0.14	0.24	1859	3009	3983	5531	7655	15045	25311	39029
32C	**0.27**	0.009	0.014	0.019	0.026	0.037	0.068	0.12	0.19	1859	3009	3983	5531	7655	15045	25311	39029
36C	**0.24**	0.007	0.012	0.016	0.021	0.031	0.058	0.10	0.16	1859	3009	3983	5531	7655	15045	25311	39029
40C	**0.22**	0.007	0.011	0.013	0.019	0.028	0.052	0.089	0.15	1859	3009	3983	5531	7655	15045	25311	39029
46C	**0.19**	0.006	0.010	0.013	0.016	0.026	0.047	0.080	0.13	1859	3009	3983	5531	7655	15045	25311	39029
55C	**0.16**	0.005	0.008	0.011	0.014	0.021	0.040	0.069	0.10	1859	3009	3983	5531	7655	15045	25311	39029
65C	**0.13**	0.004	0.007	0.009	0.012	0.018	0.033	0.048	0.091	1797	3009	3983	5531	7655	15045	21948	37701
74C	**0.12**	0.004	0.006	0.008	0.011	0.015	0.029	0.042	0.074	1797	3009	3983	5531	7655	15045	21948	37701
84C	**0.10**	0.003	0.005	0.006	0.009	0.011	0.027	0.044	0.067	1797	3009	3363	5531	6416	15045	25311	37701
95C	**0.092**	0.003	0.005	0.005	0.009	0.010	0.023	0.039	0.060	1797	3009	3363	5487	6416	15045	25311	37701
10K	**0.087**	0.002	0.003	0.003	0.008	0.009	0.019	0.027	0.055	1797	2390	2390	5487	6416	13718	21948	37436

Thermal Ratings (HP)

Thermal ratings are a measure of the units ability to dissipate heat, if they are exceeded the lubricant may break down resulting in premature gear failure.

Thermal ratings are based on an ambient temperature of 68ºF, when units are to operate at other ambient temperatures the thermal HP ratings must be multiplied by the following factors.

Ambient Adjustment Factor

DRIVE SIZE	Ambient Temperature °F							
All Units	– 4	14	32	50	68	86	104	122
	1.57	1.43	1.29	1.14	1.0	0.86	0.71	0.5

UC – Gear Drive Thermal Horsepower Ratings ‡

Overall Ratios	Type of Cooling	High Speed Shaft rpm	DRIVE SIZE									
			201	202	203	204	205	206	207	208	09	10
1.4 to 5.6	Units with no additional cooling	3500	CONSULT THE FACTORY									
		1750	5.5	8.0	8.0	13.2	13.2	15.3	19.3	29.5	41.9	56.5
		1170	5.3	7.6	7.6	12.6	12.6	14.6	18.4	28.2	40.0	54.0
		<870	5.1	7.4	7.4	12.2	12.2	14.2	17.9	27.3	38.8	52.3
6.3 and over	Units with no additional cooling	3500	3.8	5.5	5.5	9.2	9.2	10.7	13.5	20.7	29.3	39.5
		1750	5.4	7.8	7.8	13.0	13.0	15.0	19.0	29.1	41.3	55.6
		1170	5.2	7.4	7.4	12.4	12.4	14.3	18.1	27.8	39.4	53.1
		<870	5.0	7.2	7.2	12.0	12.0	13.9	17.6	26.9	38.2	51.4
1.4 to 5.6	Units with fan cooling	3500	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
		1750	. . .	. . .	. . .	. . .	. . .	. . .	43.4	66.4	94.3	127.1
		1170	. . .	. . .	. . .	. . .	. . .	. . .	36.2	55.3	78.6	105.9
		<870	. . .	. . .	. . .	. . .	. . .	. . .	31.4	47.9	68.1	91.8
6.3 and over	Units with fan cooling	3500	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
		1750	. . .	. . .	. . .	. . .	. . .	. . .	42.8	65.5	92.9	125.1
		1170	. . .	. . .	. . .	. . .	. . .	. . .	35.6	54.6	77.4	104.3
		<870	. . .	. . .	. . .	. . .	. . .	. . .	30.9	47.3	67.1	90.4

‡ Thermal hp ratings are based on standard horizontal (Mounting #1). For ratings in the other positions, consult the Factory.

UC – Gear Drive Part Numbers

Base Mounted – Double Reduction

Drive Size	Ratio Code	Exact Ratio	Drive Designation	Drive Part No.
201	3.6	3.750	201UCBN2A3.6N_	4767172
201	5.0	5.066	201UCBN2A5.0N_	4767176
201	5.6	5.762	201UCBN2A5.6N_	4767180
201	6.3	6.528	201UCBN2A6.3N_	4767184
201	8.0	8.348	201UCBN2A8.0N_	4767188
201	9.0	8.997	201UCBN2A9.0N_	4767192
201	11.	11.36	201UCBN2A11.N_	4767195
201	12.	12.88	201UCBN2A12.N_	4767198
201	14.	14.71	201UCBN2A14.N_	4767201
201	16.	16.37	201UCBN2A16.N_	4767204
201	18.	18.05	201UCBN2A18.N_	4767207
201	20.	19.86	201UCBN2A20.N_	4767210
201	22.	23.27	201UCBN2A22.N_	4767213
201	28.	27.92	201UCBN2A28.N_	4767216
201	32.	32.54	201UCBN2A32.N_	4767219
201	36.	36.16	201UCBN2A36.N_	4767222
201	45.	43.54	201UCBN2A45.N_	4767225
201	50.	49.91	201UCBN2A50.N_	4767228
201	56.	56.72	201UCBN2A56.N_	4767231
202	3.6	3.589	202UCBN2A3.6N_	4767235
202	5.0	5.034	202UCBN2A5.0N_	4767239
202	5.6	5.547	202UCBN2A5.6N_	4767243
202	6.3	6.299	202UCBN2A6.3N_	4767247
202	8.0	8.000	202UCBN2A8.0N_	4767251
202	9.0	9.088	202UCBN2A9.0N_	4767255
202	11.	11.15	202UCBN2A11.N_	4767259
202	12.	12.37	202UCBN2A12.N_	4767263
202	14.	14.05	202UCBN2A14.N_	4767267
202	16.	15.97	202UCBN2A16.N_	4767270
202	18.	17.58	202UCBN2A18.N_	4767273
202	20.	20.23	202UCBN2A20.N_	4767276
202	22.	21.99	202UCBN2A22.N_	4767279
202	28.	26.40	202UCBN2A28.N_	4767282
202	32.	31.68	202UCBN2A32.N_	4767285
202	36.	35.69	202UCBN2A36.N_	4767288
202	45.	41.49	202UCBN2A45.N_	4767291
202	50.	47.09	202UCBN2A50.N_	4767294
202	56.	53.54	202UCBN2A56.N_	4767297
203	3.6	3.589	203UCBN2A3.6N_	4767301
203	5.0	5.034	203UCBN2A5.0N_	4767305
203	5.6	5.547	203UCBN2A5.6N_	4767309
203	6.3	6.299	203UCBN2A6.3N_	4767313
203	8.0	8.000	203UCBN2A8.0N_	4767317
203	9.0	9.088	203UCBN2A9.0N_	4767321
203	11.	11.15	203UCBN2A11.N_	4767325
203	12.	12.37	203UCBN2A12.N_	4767329
203	14.	14.05	203UCBN2A14.N_	4767333
203	16.	15.97	203UCBN2A16.N_	4767336
203	18.	17.58	203UCBN2A18.N_	4767339
203	20.	20.23	203UCBN2A20.N_	4767342
203	22.	21.99	203UCBN2A22.N_	4767345
203	28.	26.40	203UCBN2A28.N_	4767348
203	32.	31.68	203UCBN2A32.N_	4767351
203	36.	35.69	203UCBN2A36.N_	4767354
203	45.	41.49	203UCBN2A45.N_	4767357
203	50.	47.09	203UCBN2A50.N_	4767360
203	56.	53.54	203UCBN2A56.N_	4767363
204	3.6	3.585	204UCBN2A3.6N_	4767366
204	5.0	5.040	204UCBN2A5.0N_	4767369
204	5.6	5.649	204UCBN2A5.6N_	4767372
204	6.3	6.341	204UCBN2A6.3N_	4767375
204	8.0	8.053	204UCBN2A8.0N_	4767378
204	9.0	9.129	204UCBN2A9.0N_	4767381
204	11.	10.89	204UCBN2A11.N_	4767384
204	12.	12.54	204UCBN2A12.N_	4767388
204	14.	14.58	204UCBN2A14.N_	4767392
204	16.	16.31	204UCBN2A16.N_	4767396
204	18.	17.39	204UCBN2A18.N_	4767400
204	20.	20.61	204UCBN2A20.N_	4767404
204	22.	22.00	204UCBN2A22.N_	4767408
204	28.	27.30	204UCBN2A28.N_	4767412
204	32.	32.19	204UCBN2A32.N_	4767416
204	36.	35.25	204UCBN2A36.N_	4767420
204	45.	43.20	204UCBN2A45.N_	4767424
204	50.	48.15	204UCBN2A50.N_	4767428
204	56.	54.00	204UCBN2A56.N_	4767432
205	3.6	3.585	205UCBN2A3.6N_	4767435
205	5.0	5.040	205UCBN2A5.0N_	4767438
205	5.6	5.649	205UCBN2A5.6N_	4767441
205	6.3	6.341	205UCBN2A6.3N_	4767444
205	8.0	8.053	205UCBN2A8.0N_	4767447
205	9.0	9.129	205UCBN2A9.0N_	4767450
205	11.	10.89	205UCBN2A11.N_	4767453
205	12.	12.54	205UCBN2A12.N_	4767457
205	14.	14.58	205UCBN2A14.N_	4767461
205	16.	16.31	205UCBN2A16.N_	4767465
205	18.	17.39	205UCBN2A18.N_	4767469
205	20.	20.61	205UCBN2A20.N_	4767473
205	22.	22.00	205UCBN2A22.N_	4767477
205	28.	27.30	205UCBN2A28.N_	4767481
205	32.	32.19	205UCBN2A32.N_	4767485
205	36.	35.28	205UCBN2A36.N_	4767489
205	45.	43.20	205UCBN2A45.N_	4767493
205	50.	48.15	205UCBN2A50.N_	4767497
205	56.	54.00	205UCBN2A56.N_	4767501
206	5.0	4.438	206UCBN2A5.0N_	4767504
206	5.6	6.240	206UCBN2A5.6N_	4767507
206	6.3	6.994	206UCBN2A6.3N_	4767510
206	8.0	7.851	206UCBN2A8.0N_	4767513
206	9.0	9.970	206UCBN2A9.0N_	4767516
206	11.	11.30	206UCBN2A11.N_	4767519
206	12.	13.48	206UCBN2A12.N_	4767523
206	14.	15.52	206UCBN2A14.N_	4767527
206	16.	18.05	206UCBN2A16.N_	4767531
206	18.	20.20	206UCBN2A18.N_	4767535
206	20.	21.53	206UCBN2A20.N_	4767539
206	22.	25.51	206UCBN2A22.N_	4767543
206	28.	27.24	206UCBN2A28.N_	4767547
206	32.	33.80	206UCBN2A32.N_	4767551
206	36.	39.86	206UCBN2A36.N_	4767555
206	45.	43.64	206UCBN2A45.N_	4767559
206	50.	53.49	206UCBN2A50.N_	4767563
206	56.	59.61	206UCBN2A56.N_	4767567
206	63.	66.86	206UCBN2A63.N_	4767570
207	3.6	3.678	207UCBN2A3.6N_	4767574
207	5.0	5.094	207UCBN2A5.0N_	4767578
207	5.6	5.722	207UCBN2A5.6N_	4767582
207	6.3	6.292	207UCBN2A6.3N_	4767586
207	8.0	8.218	207UCBN2A8.0N_	4767590
207	9.0	9.344	207UCBN2A9.0N_	4767594
207	11.	11.35	207UCBN2A11.N_	4767599
207	12.	12.48	207UCBN2A12.N_	4767604
207	14.	14.34	207UCBN2A14.N_	4767609
207	16.	16.26	207UCBN2A16.N_	4767614
207	18.	17.94	207UCBN2A18.N_	4767619
207	20.	20.54	207UCBN2A20.N_	4767624
207	22.	23.23	207UCBN2A22.N_	4767629
207	28.	26.93	207UCBN2A28.N_	4767634
207	32.	32.12	207UCBN2A32.N_	4767639
207	36.	35.17	207UCBN2A36.N_	4767644
207	45.	42.21	207UCBN2A45.N_	4767649
207	50.	48.56	207UCBN2A50.N_	4767654
207	56.	53.96	207UCBN2A56.N_	4767659

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UC – Gear Drive Part Numbers

Base Mounted – Double Reduction

Drive Size	Ratio Code	Exact Ratio	Drive Designation	Drive Part No.
208	3.6	3.678	208UCBN2A3.6N_	4767663
208	5.0	5.214	208UCBN2A5.0N_	4767667
208	5.6	5.792	208UCBN2A5.6N_	4767671
208	6.3	6.442	208UCBN2A6.3N_	4767675
208	8.0	8.330	208UCBN2A8.0N_	4767679
208	9.0	9.352	208UCBN2A9.0N_	4767683
208	11.	11.47	208UCBN2A11.N_	4767687
208	12.	12.92	208UCBN2A12.N_	4767691
208	14.	15.04	208UCBN2A14.N_	4767695
208	16.	16.69	208UCBN2A16.N_	4767701
208	18.	18.26	208UCBN2A18.N_	4767707
208	20.	20.66	208UCBN2A20.N_	4767713
208	22.	23.32	208UCBN2A22.N_	4767719
208	28.	28.27	208UCBN2A28.N_	4767725
208	32.	32.97	208UCBN2A32.N_	4767731
208	36.	36.21	208UCBN2A36.N_	4767737
208	45.	44.38	208UCBN2A45.N_	4767743
208	50.	48.46	208UCBN2A50.N_	4767749
208	56.	55.80	208UCBN2A56.N_	4767755

Drive Size	Ratio Code	Exact Ratio	Drive Designation	Drive Part No.
09	1.4	1.479	09UCBN2A1.4N_	4740662
09	1.8	2.036	09UCBN2A1.8N_	4740666
09	2.2	2.282	09UCBN2A2.2N_	4740670
09	2.5	2.562	09UCBN2A2.5N_	4740674
09	2.8	2.969	09UCBN2A2.8N_	4740678
09	3.2	3.301	09UCBN2A3.2N_	4740682
09	3.6	3.688	09UCBN2A3.6N_	4740686
09	4.0	4.088	09UCBN2A4.0N_	4740690
09	4.5	4.582	09UCBN2A4.5N_	4740694
09	5.0	5.073	09UCBN2A5.0N_	4740698
09	5.6	5.686	09UCBN2A5.6N_	4740702
09	6.3	6.628	09UCBN2A6.3N_	4740706
09	7.1	7.404	09UCBN2A7.1N_	4740710
09	8.0	8.224	09UCBN2A8.0N_	4740714
09	9.0	9.188	09UCBN2A9.0N_	4740718
09	10.	10.270	09UCBN2A10.N_	4740722
09	11.	11.710	09UCBN2A11.N_	4740726
09	12.	12.740	09UCBN2A12.N_	4740730
09	14.	14.530	09UCBN2A14.N_	4740734
09	16.	16.590	09UCBN2A16.N_	4740740
09	18.	18.430	09UCBN2A18.N_	4740746
09	20.	20.590	09UCBN2A20.N_	4740752
09	22.	22.870	09UCBN2A22.N_	4740758
09	25.	26.040	09UCBN2A25.N_	4740764
09	28.	28.740	09UCBN2A28.N_	4740770
09	32.	32.310	09UCBN2A32.N_	4740776
09	36.	35.670	09UCBN2A36.N_	4740782
09	40.	40.250	09UCBN2A40.N_	4740788
09	45.	44.440	09UCBN2A45.N_	4740794
09	50.	49.070	09UCBN2A50.N_	4740800
09	56.	55.180	09UCBN2A56.N_	4740806
09	63.	61.130	09UCBN2A63.N_	4740812
09	71.	68.740	09UCBN2A71.N_	4740818

Drive Size	Ratio Code	Exact Ratio	Drive Designation	Drive Part No.
10	1.4	1.442	10UCBN2A1.4N_	4762934
10	1.8	2.015	10UCBN2A1.8N_	4762938
10	2.2	2.191	10UCBN2A2.2N_	4762942
10	2.5	2.489	10UCBN2A2.5N_	4762946
10	2.8	2.992	10UCBN2A2.8N_	4762950
10	3.2	3.242	10UCBN2A3.2N_	4762954
10	3.6	3.500	10UCBN2A3.6N_	4762958
10	4.0	4.179	10UCBN2A4.0N_	4762962
10	4.5	4.545	10UCBN2A4.5N_	4762966
10	5.0	4.938	10UCBN2A5.0N_	4762970
10	5.6	5.370	10UCBN2A5.6N_	4762974
10	6.3	6.742	10UCBN2A6.3N_	4762978
10	7.1	7.260	10UCBN2A7.1N_	4762982
10	8.0	7.945	10UCBN2A8.0N_	4762986
10	9.0	8.578	10UCBN2A9.0N_	4762990
10	10.	10.590	10UCBN2A10.N_	4762994
10	11.	11.980	10UCBN2A11.N_	4762998
10	12.	12.510	10UCBN2A12.N_	4763002
10	14.	14.160	10UCBN2A14.N_	4763006
10	16.	16.430	10UCBN2A16.N_	4763012
10	18.	18.250	10UCBN2A18.N_	4763018
10	20.	19.410	10UCBN2A20.N_	4763024
10	22.	21.570	10UCBN2A22.N_	4763030
10	25.	26.030	10UCBN2A25.N_	4763036
10	28.	29.990	10UCBN2A28.N_	4763042
10	32.	30.760	10UCBN2A32.N_	4763048
10	36.	35.440	10UCBN2A36.N_	4763054
10	40.	37.060	10UCBN2A40.N_	4763060
10	45.	42.700	10UCBN2A45.N_	4763066
10	50.	47.930	10UCBN2A50.N_	4763072
10	56.	51.490	10UCBN2A56.N_	4763078
10	63.	57.750	10UCBN2A63.N_	4763084
10	71.	62.050	10UCBN2A71.N_	4763090

UC – Gear Drive Part Numbers

Flange Mounted – Double Reduction

Drive Size	Ratio Code	Exact Ratio	Drive Designation	Drive Part No.
201	3.6	3.750	201UCFN2A3.6N_	4767759
201	5.0	5.066	201UCFN2A5.0N_	4767763
201	5.6	5.762	201UCFN2A5.6N_	4767767
201	6.3	6.528	201UCFN2A6.3N_	4767771
201	8.0	8.348	201UCFN2A8.0N_	4767775
201	9.0	8.997	201UCFN2A9.0N_	4767779
201	11.	11.36	201UCFN2A11.N_	4767782
201	12.	12.88	201UCFN2A12.N_	4767785
201	14.	14.71	201UCFN2A14.N_	4767788
201	16.	16.37	201UCFN2A16.N_	4767791
201	18.	18.05	201UCFN2A18.N_	4767794
201	20.	19.86	201UCFN2A20.N_	4767797
201	22.	23.27	201UCFN2A22.N_	4767800
201	28.	27.92	201UCFN2A28.N_	4767803
201	32.	32.54	201UCFN2A32.N_	4767806
201	36.	36.16	201UCFN2A36.N_	4767809
201	45.	43.54	201UCFN2A45.N_	4767812
201	50.	49.91	201UCFN2A50.N_	4767815
201	56.	56.72	201UCFN2A56.N_	4767818
202	3.6	3.589	202UCFN2A3.6N_	4767822
202	5.0	5.034	202UCFN2A5.0N_	4767826
202	5.6	5.547	202UCFN2A5.6N_	4767830
202	6.3	6.299	202UCFN2A6.3N_	4767834
202	8.0	8.000	202UCFN2A8.0N_	4767838
202	9.0	9.088	202UCFN2A9.0N_	4767842
202	11.	11.15	202UCFN2A11.N_	4767846
202	12.	12.37	202UCFN2A12.N_	4767850
202	14.	14.05	202UCFN2A14.N_	4767854
202	16.	15.97	202UCFN2A16.N_	4767857
202	18.	17.58	202UCFN2A18.N_	4767860
202	20.	20.23	202UCFN2A20.N_	4767863
202	22.	21.99	202UCFN2A22.N_	4767866
202	28.	26.40	202UCFN2A28.N_	4767869
202	32.	31.68	202UCFN2A32.N_	4767872
202	36.	35.69	202UCFN2A36.N_	4767875
202	45.	41.49	202UCFN2A45.N_	4767878
202	50.	47.09	202UCFN2A50.N_	4767881
202	56.	53.54	202UCFN2A56.N_	4767884
203	3.6	3.589	203UCFN2A3.6N_	4767888
203	5.0	5.034	203UCFN2A5.0N_	4767892
203	5.6	5.547	203UCFN2A5.6N_	4767896
203	6.3	6.299	203UCFN2A6.3N_	4767900
203	8.0	8.000	203UCFN2A8.0N_	4767904
203	9.0	9.088	203UCFN2A9.0N_	4767908
203	11.	11.15	203UCFN2A11.N_	4767912
203	12.	12.37	203UCFN2A12.N_	4767916
203	14.	14.05	203UCFN2A14.N_	4767920
203	16.	15.97	203UCFN2A16.N_	4767923
203	18.	17.58	203UCFN2A18.N_	4767926
203	20.	20.23	203UCFN2A20.N_	4767929
203	22.	21.99	203UCFN2A22.N_	4767932
203	28.	26.40	203UCFN2A28.N_	4767935
203	32.	31.68	203UCFN2A32.N_	4767938
203	36.	35.69	203UCFN2A36.N_	4767941
203	45.	41.49	203UCFN2A45.N_	4767944
203	50.	47.09	203UCFN2A50.N_	4767947
203	56.	53.54	203UCFN2A56.N_	4767950
204	3.6	3.585	204UCFN2A3.6N_	4767953
204	5.0	5.040	204UCFN2A5.0N_	4767956
204	5.6	5.649	204UCFN2A5.6N_	4767959
204	6.3	6.341	204UCFN2A6.3N_	4767962
204	8.0	8.053	204UCFN2A8.0N_	4767965
204	9.0	9.129	204UCFN2A9.0N_	4767968
204	11.	10.89	204UCFN2A11.N_	4767971
204	12.	12.54	204UCFN2A12.N_	4767975
204	14.	14.58	204UCFN2A14.N_	4767979
204	16.	16.31	204UCFN2A16.N_	4767983
204	18.	17.39	204UCFN2A18.N_	4767987
204	20.	20.61	204UCFN2A20.N_	4767991
204	22.	22.00	204UCFN2A22.N_	4767995
204	28.	27.30	204UCFN2A28.N_	4768999
204	32.	32.19	204UCFN2A32.N_	4768003
204	36.	35.25	204UCFN2A36.N_	4768007
204	45.	43.20	204UCFN2A45.N_	4768011
204	50.	48.15	204UCFN2A50.N_	4768015
204	56.	54.00	204UCFN2A56.N_	4768019
205	3.6	3.585	205UCFN2A3.6N_	4768022
205	5.0	5.040	205UCFN2A5.0N_	4768025
205	5.6	5.649	205UCFN2A5.6N_	4768028
205	6.3	6.341	205UCFN2A6.3N_	4768031
205	8.0	8.053	205UCFN2A8.0N_	4768034
205	9.0	9.129	205UCFN2A9.0N_	4768037
205	11.	10.89	205UCFN2A11.N_	4768040
205	12.	12.54	205UCFN2A12.N_	4768044
205	14.	14.58	205UCFN2A14.N_	4768048
205	16.	16.31	205UCFN2A16.N_	4768052
205	18.	17.39	205UCFN2A18.N_	4768056
205	20.	20.61	205UCFN2A20.N_	4768060
205	22.	22.00	205UCFN2A22.N_	4768064
205	28.	27.30	205UCFN2A28.N_	4768068
205	32.	32.19	205UCFN2A32.N_	4768072
205	36.	35.28	205UCFN2A36.N_	4768076
205	45.	43.20	205UCFN2A45.N_	4768080
205	50.	48.15	205UCFN2A50.N_	4768084
205	56.	54.00	205UCFN2A56.N_	4768088
206	5.0	4.438	206UCFN2A5.0N_	4768091
206	5.6	6.240	206UCFN2A5.6N_	4768094
206	6.3	6.994	206UCFN2A6.3N_	4768097
206	8.0	7.851	206UCFN2A8.0N_	4768100
206	9.0	9.970	206UCFN2A9.0N_	4768103
206	11.	11.30	206UCFN2A11.N_	4768106
206	12.	13.48	206UCFN2A12.N_	4768110
206	14.	15.52	206UCFN2A14.N_	4768114
206	16.	18.05	206UCFN2A16.N_	4768118
206	18.	20.20	206UCFN2A18.N_	4768122
206	20.	21.53	206UCFN2A20.N_	4768126
206	22.	25.51	206UCFN2A22.N_	4768130
206	28.	27.24	206UCFN2A28.N_	4768134
206	32.	33.80	206UCFN2A32.N_	4768138
206	36.	39.86	206UCFN2A36.N_	4768142
206	45.	43.64	206UCFN2A45.N_	4768146
206	50.	53.49	206UCFN2A50.N_	4768150
206	56.	59.61	206UCFN2A56.N_	4768154
206	63.	66.86	206UCFN2A63.N_	4768157
207	3.6	3.678	207UCFN2A3.6N_	4768161
207	5.0	5.094	207UCFN2A5.0N_	4768165
207	5.6	5.722	207UCFN2A5.6N_	4768169
207	6.3	6.292	207UCFN2A6.3N_	4768173
207	8.0	8.218	207UCFN2A8.0N_	4768177
207	9.0	9.344	207UCFN2A9.0N_	4768181
207	11.	11.35	207UCFN2A11.N_	4768186
207	12.	12.48	207UCFN2A12.N_	4768191
207	14.	14.34	207UCFN2A14.N_	4768196
207	16.	16.26	207UCFN2A16.N_	4768201
207	18.	17.94	207UCFN2A18.N_	4768206
207	20.	20.54	207UCFN2A20.N_	4768211
207	22.	23.23	207UCFN2A22.N_	4768216
207	28.	26.93	207UCFN2A28.N_	4768221
207	32.	32.12	207UCFN2A32.N_	4768226
207	36.	35.17	207UCFN2A36.N_	4768231
207	45.	42.21	207UCFN2A45.N_	4768236
207	50.	48.56	207UCFN2A50.N_	4768241
207	56.	53.96	207UCFN2A56.N_	4768246

Continued on next page

UC – Gear Drive Part Numbers

Flange Mounted – Double Reduction

Drive Size	Ratio Code	Exact Ratio	Drive Designation	Drive Part No.
208	3.6	3.678	208UCFN2A3.6N_	4768250
208	5.0	5.214	208UCFN2A5.0N_	4768254
208	5.6	5.792	208UCFN2A5.6N_	4768258
208	6.3	6.442	208UCFN2A6.3N_	4768262
208	8.0	8.330	208UCFN2A8.0N_	4768266
208	9.0	9.352	208UCFN2A9.0N_	4768270
208	11.	11.47	208UCFN2A11.N_	4768274
208	12.	12.92	208UCFN2A12.N_	4768278
208	14.	15.04	208UCFN2A14.N_	4768282
208	16.	16.69	208UCFN2A16.N_	4768288
208	18.	18.26	208UCFN2A18.N_	4768294
208	20.	20.66	208UCFN2A20.N_	4768300
208	22.	23.32	208UCFN2A22.N_	4768306
208	28.	28.27	208UCFN2A28.N_	4768312
208	32.	32.97	208UCFN2A32.N_	4768318
208	36.	36.21	208UCFN2A36.N_	4768324
208	45.	44.38	208UCFN2A45.N_	4768330
208	50.	48.46	208UCFN2A50.N_	4768336
208	56.	55.80	208UCFN2A56.N_	4768342

Drive Size	Ratio Code	Exact Ratio	Drive Designation	Drive Part No.
09	1.4	1.479	09UCFN2A1.4N_	4741481
09	1.8	2.036	09UCFN2A1.8N_	4741485
09	2.2	2.282	09UCFN2A2.2N_	4741489
09	2.5	2.562	09UCFN2A2.5N_	4741493
09	2.8	2.969	09UCFN2A2.8N_	4741497
09	3.2	3.301	09UCFN2A3.2N_	4741501
09	3.6	3.688	09UCFN2A3.6N_	4741505
09	4.0	4.088	09UCFN2A4.0N_	4741509
09	4.5	4.582	09UCFN2A4.5N_	4741513
09	5.0	5.073	09UCFN2A5.0N_	4741517
09	5.6	5.686	09UCFN2A5.6N_	4741521
09	6.3	6.628	09UCFN2A6.3N_	4741525
09	7.1	7.404	09UCFN2A7.1N_	4741529
09	8.0	8.224	09UCFN2A8.0N_	4741533
09	9.0	9.188	09UCFN2A9.0N_	4741537
09	10.	10.270	09UCFN2A10.N_	4741541
09	11.	11.710	09UCFN2A11.N_	4741545
09	12.	12.740	09UCFN2A12.N_	4741549
09	14.	14.530	09UCFN2A14.N_	4741553
09	16.	16.590	09UCFN2A16.N_	4741559
09	18.	18.430	09UCFN2A18.N_	4741565
09	20.	20.590	09UCFN2A20.N_	4741571
09	22.	22.870	09UCFN2A22.N_	4741577
09	25.	26.040	09UCFN2A25.N_	4741583
09	28.	28.740	09UCFN2A28.N_	4741589
09	32.	32.310	09UCFN2A32.N_	4741595
09	36.	35.670	09UCFN2A36.N_	4741601
09	40.	40.250	09UCFN2A40.N_	4741607
09	45.	44.440	09UCFN2A45.N_	4741613
09	50.	49.070	09UCFN2A50.N_	4741619
09	56.	55.180	09UCFN2A56.N_	4741625
09	63.	61.130	09UCFN2A63.N_	4741631
09	71.	68.740	09UCFN2A71.N_	4741637

Drive Size	Ratio Code	Exact Ratio	Drive Designation	Drive Part No.
10	1.4	1.442	10UCFN2A1.4N_	4763178
10	1.8	2.015	10UCFN2A1.8N_	4763182
10	2.2	2.191	10UCFN2A2.2N_	4763186
10	2.5	2.489	10UCFN2A2.5N_	4763190
10	2.8	2.992	10UCFN2A2.8N_	4763194
10	3.2	3.242	10UCFN2A3.2N_	4763198
10	3.6	3.500	10UCFN2A3.6N_	4763202
10	4.0	4.179	10UCFN2A4.0N_	4763206
10	4.5	4.545	10UCFN2A4.5N_	4763210
10	5.0	4.938	10UCFN2A5.0N_	4763214
10	5.6	5.370	10UCFN2A5.6N_	4763218
10	6.3	6.742	10UCFN2A6.3N_	4763222
10	7.1	7.260	10UCFN2A7.1N_	4763226
10	8.0	7.945	10UCFN2A8.0N_	4763230
10	9.0	8.578	10UCFN2A9.0N_	4763234
10	10.	10.590	10UCFN2A10.N_	4763238
10	11.	11.980	10UCFN2A11.N_	4763242
10	12.	12.510	10UCFN2A12.N_	4763246
10	14.	14.160	10UCFN2A14.N_	4763250
10	16.	16.430	10UCFN2A16.N_	4763256
10	18.	18.250	10UCFN2A18.N_	4763262
10	20.	19.410	10UCFN2A20.N_	4763268
10	22.	21.570	10UCFN2A22.N_	4763274
10	25.	26.030	10UCFN2A25.N_	4763280
10	28.	29.990	10UCFN2A28.N_	4763286
10	32.	30.760	10UCFN2A32.N_	4763292
10	36.	35.440	10UCFN2A36.N_	4763298
10	40.	37.060	10UCFN2A40.N_	4763304
10	45.	42.700	10UCFN2A45.N_	4763310
10	50.	47.930	10UCFN2A50.N_	4763316
10	56.	51.490	10UCFN2A56.N_	4763322
10	63.	57.750	10UCFN2A63.N_	4763328
10	71.	62.050	10UCFN2A71.N_	4763334

UC – Gear Drive Part Numbers

Base Mounted – Triple Reduction

Drive Size	Ratio Code	Exact Ratio	Drive Designation	Drive Part No.
201	56.	58.46	201UCBN3A56.N_	4768346
201	63.	64.45	201UCBN3A63.N_	4768349
201	71.	70.93	201UCBN3A71.N_	4768352
201	80.	83.10	201UCBN3A80.N_	4768355
201	100	99.70	201UCBN3A100N_	4768358
201	112	116.2	201UCBN3A112N_	4768361
201	125	129.1	201UCBN3A125N_	4768364
201	160	155.5	201UCBN3A160N_	4768367
201	180	178.2	201UCBN3A180N_	4768370
201	200	202.6	201UCBN3A200N_	4768373
202	56.	57.03	202UCBN3A56.N_	4768376
202	63.	62.87	202UCBN3A63.N_	4768379
202	71.	69.19	202UCBN3A71.N_	4768382
202	80.	81.07	202UCBN3A80.N_	4768385
202	100	97.26	202UCBN3A100N_	4768388
202	112	113.4	202UCBN3A112N_	4768391
202	125	126.0	202UCBN3A125N_	4768394
202	160	151.7	202UCBN3A160N_	4768397
202	180	173.9	202UCBN3A180N_	4768400
202	200	197.6	202UCBN3A200N_	4768403
203	56.	57.03	203UCBN3A56.N_	4768406
203	63.	62.87	203UCBN3A63.N_	4768409
203	71.	69.19	203UCBN3A71.N_	4768412
203	80.	81.07	203UCBN3A80.N_	4768142
203	100	97.26	203UCBN3A100N_	4768418
203	112	113.4	203UCBN3A112N_	4768421
203	125	126.0	203UCBN3A125N_	4768424
203	160	151.7	203UCBN3A160N_	4768427
203	180	173.9	203UCBN3A180N_	4768430
203	200	197.6	203UCBN3A200N_	4768433
204	56.	58.38	204UCBN3A56.N_	4768437
204	63.	64.29	204UCBN3A63.N_	4768441
204	71.	73.95	204UCBN3A71.N_	4768445
204	80.	80.40	204UCBN3A80.N_	4768449
204	100	96.52	204UCBN3A100N_	4768452
204	112	115.8	204UCBN3A112N_	4768455
204	125	130.5	204UCBN3A125N_	4768458
204	160	151.7	204UCBN3A160N_	4768461
204	180	172.2	204UCBN3A180N_	4768464
204	200	195.8	204UCBN3A200N_	4768467

Drive Size	Ratio Code	Exact Ratio	Drive Designation	Drive Part No.
205	56.	58.38	205UCBN3A56.N_	4768471
205	63.	64.29	205UCBN3A63.N_	4768475
205	71.	73.95	205UCBN3A71.N_	4768479
205	80.	80.40	205UCBN3A80.N_	4768483
205	100	96.52	205UCBN3A100N_	4768486
205	112	115.8	205UCBN3A112N_	4768489
205	125	130.5	205UCBN3A125N_	4768492
205	160	151.7	205UCBN3A160N_	4768495
205	180	172.2	205UCBN3A180N_	4768498
205	200	195.8	205UCBN3A200N_	4768501
206	63.	72.28	206UCBN3A63.N_	4768505
206	71.	79.60	206UCBN3A71.N_	4768509
206	80.	91.56	206UCBN3A80.N_	4768513
206	100	99.54	206UCBN3A100N_	4768517
206	112	119.5	206UCBN3A112N_	4768520
206	125	143.4	206UCBN3A125N_	4768523
206	160	161.6	206UCBN3A160N_	4768526
206	180	187.8	206UCBN3A180N_	4768529
206	200	213.2	206UCBN3A200N_	4768532
206	225	242.4	206UCBN3A225N_	4768535
207	56.	58.95	207UCBN3A56.N_	4768539
207	63.	62.83	207UCBN3A63.N_	4768543
207	71.	74.47	207UCBN3A71.N_	4768547
207	80.	79.51	207UCBN3A80.N_	4768551
207	100	98.66	207UCBN3A100N_	4768555
207	112	116.3	207UCBN3A112N_	4768559
207	125	127.4	207UCBN3A125N_	4768563
207	160	156.1	207UCBN3A160N_	4768567
207	180	174.0	207UCBN3A180N_	4768571
207	200	195.2	207UCBN3A200N_	4768575
208	56.	60.33	208UCBN3A56.N_	4768579
208	63.	66.02	208UCBN3A63.N_	4768583
208	71.	74.69	208UCBN3A71.N_	4768587
208	80.	84.31	208UCBN3A80.N_	4768591
208	100	102.2	208UCBN3A100N_	4768595
208	112	119.2	208UCBN3A112N_	4768599
208	125	130.9	208UCBN3A125N_	4768603
208	160	160.4	208UCBN3A160N_	4768607
208	180	175.2	208UCBN3A180N_	4768611
208	200	201.8	208UCBN3A200N_	4768615

Drive Size	Ratio Code	Exact Ratio	Drive Designation	Drive Part No.
09	56.	59.85	09UCBN3A56.N_	4741936
09	63.	66.49	09UCBN3A63.N_	4741940
09	71.	74.26	09UCBN3A71.N_	4741944
09	80.	82.51	09UCBN3A80.N_	4741948
09	90.	93.92	09UCBN3A90.N_	4741952
09	100	103.7	09UCBN3A100N_	4741956
09	112	116.5	09UCBN3A112N_	4741960
09	125	128.7	09UCBN3A125N_	4741964
09	140	145.2	09UCBN3A140N_	4741968
09	160	160.3	09UCBN3A160N_	4741972
09	180	177.0	09UCBN3A180N_	4741976
09	200	199.0	09UCBN3A200N_	4741980
09	225	220.5	09UCBN3A225N_	4741984
09	250	248.0	09UCBN3A250N_	4741988
10	56.	60.23	10UCBN3A56.N_	4763096
10	63.	66.93	10UCBN3A63.N_	4763102
10	71.	71.17	10UCBN3A71.N_	4763108
10	80.	79.08	10UCBN3A80.N_	4763114
10	90.	95.44	10UCBN3A90.N_	4763120
10	100	110.0	10UCBN3A100N_	4763126
10	112	112.8	10UCBN3A112N_	4763132
10	125	129.9	10UCBN3A125N_	4763138
10	140	135.9	10UCBN3A140N_	4763144
10	160	156.6	10UCBN3A160N_	4763150
10	180	175.7	10UCBN3A180N_	4763156
10	200	188.8	10UCBN3A200N_	4763162
10	225	211.8	10UCBN3A225N_	4763168
10	250	227.5	10UCBN3A250N_	4763174

Base Mounted – Quad. & Quint. Reduction

Contact factory for part number and ratings.

UC – Gear Drive Part Numbers

Flange Mounted – Triple Reduction

Drive Size	Ratio Code	Exact Ratio	Drive Designation	Drive Part No.
201	56.	58.46	201UCFN3A56.N_	4768618
201	63.	64.45	201UCFN3A63.N_	4768621
201	71.	70.93	201UCFN3A71.N_	4768624
201	80.	83.10	201UCFN3A80.N_	4768627
201	100	99.70	201UCFN3A100N_	4768630
201	112	116.2	201UCFN3A112N_	4768633
201	125	129.1	201UCFN3A125N_	4768636
201	160	155.5	201UCFN3A160N_	4768639
201	180	178.2	201UCFN3A180N_	4768642
201	200	202.6	201UCFN3A200N_	4768645
202	56.	57.03	202UCFN3A56.N_	4768648
202	63.	62.87	202UCFN3A63.N_	4768651
202	71.	69.19	202UCFN3A71.N_	4768654
202	80.	81.07	202UCFN3A80.N_	4768657
202	100	97.26	202UCFN3A100N_	4768660
202	112	113.4	202UCFN3A112N_	4768663
202	125	126.0	202UCFN3A125N_	4768666
202	160	151.7	202UCFN3A160N_	4768669
202	180	173.9	202UCFN3A180N_	4768672
202	200	197.6	202UCFN3A200N_	4768675
203	56.	57.03	203UCFN3A56.N_	4768678
203	63.	62.87	203UCFN3A63.N_	4768681
203	71.	69.19	203UCFN3A71.N_	4768684
203	80.	81.07	203UCFN3A80.N_	4768687
203	100	97.26	203UCFN3A100N_	4768690
203	112	113.4	203UCFN3A112N_	4768693
203	125	126.0	203UCFN3A125N_	4768696
203	160	151.7	203UCFN3A160N_	4768699
203	180	173.9	203UCFN3A180N_	4768702
203	200	197.6	203UCFN3A200N_	4768705
204	56.	58.38	204UCFN3A56.N_	4768709
204	63.	64.29	204UCFN3A63.N_	4768713
204	71.	73.95	204UCFN3A71.N_	4768717
204	80.	80.40	204UCFN3A80.N_	4768721
204	100	96.52	204UCFN3A100N_	4768724
204	112	115.8	204UCFN3A112N_	4768727
204	125	130.5	204UCFN3A125N_	4768730
204	160	151.7	204UCFN3A160N_	4768733
204	180	172.2	204UCFN3A180N_	4768736
204	200	195.8	204UCFN3A200N_	4768739

Drive Size	Ratio Code	Exact Ratio	Drive Designation	Drive Part No.
205	56.	58.38	205UCFN3A56.N_	4768743
205	63.	64.29	205UCFN3A63.N_	4768747
205	71.	73.95	205UCFN3A71.N_	4768751
205	80.	80.40	205UCFN3A80.N_	4768755
205	100	96.52	205UCFN3A100N_	4768758
205	112	115.8	205UCFN3A112N_	4768761
205	125	130.5	205UCFN3A125N_	4768764
205	160	151.7	205UCFN3A160N_	4768767
205	180	172.2	205UCFN3A180N_	4768770
205	200	195.8	205UCFN3A200N_	4768773
206	63.	72.28	206UCFN3A63.N_	4768777
206	71.	79.60	206UCFN3A71.N_	4768781
206	80.	91.56	206UCFN3A80.N_	4768785
206	100	99.54	206UCFN3A100N_	4768789
206	112	119.5	206UCFN3A112N_	4768792
206	125	143.4	206UCFN3A125N_	4768795
206	160	161.6	206UCFN3A160N_	4768798
206	180	187.8	206UCFN3A180N_	4768801
206	200	213.2	206UCFN3A200N_	4768804
206	225	242.4	206UCFN3A225N_	4768807
207	56.	58.95	207UCFN3A56.N_	4768811
207	63.	62.83	207UCFN3A63.N_	4768815
207	71.	74.47	207UCFN3A71.N_	4768819
207	80.	79.51	207UCFN3A80.N_	4768823
207	100	98.66	207UCFN3A100N_	4768827
207	112	116.3	207UCFN3A112N_	4768831
207	125	127.4	207UCFN3A125N_	4768835
207	160	156.1	207UCFN3A160N_	4768839
207	180	174.0	207UCFN3A180N_	4768843
207	200	195.2	207UCFN3A200N_	4768847
208	56.	60.33	208UCFN3A56.N_	4768851
208	63.	66.02	208UCFN3A63.N_	4768855
208	71.	74.69	208UCFN3A71.N_	4768859
208	80.	84.31	208UCFN3A80.N_	4768863
208	100	102.2	208UCFN3A100N_	4768867
208	112	119.2	208UCFN3A112N_	4768871
208	125	130.9	208UCFN3A125N_	4768875
208	160	160.4	208UCFN3A160N_	4768879
208	180	175.2	208UCFN3A180N_	4768883
208	200	201.8	208UCFN3A200N_	4768887

Drive Size	Ratio Code	Exact Ratio	Drive Designation	Drive Part No.
09	56.	59.85	09UCFN3A56.N_	4742286
09	63.	66.49	09UCFN3A63.N_	4742290
09	71.	74.26	09UCFN3A71.N_	4742294
09	80.	82.51	09UCFN3A80.N_	4742298
09	90.	93.92	09UCFN3A90.N_	4742302
09	100	103.7	09UCFN3A100N_	4742306
09	112	116.5	09UCFN3A112N_	4742310
09	125	128.7	09UCFN3A125N_	4742314
09	140	145.2	09UCFN3A140N_	4742318
09	160	160.3	09UCFN3A160N_	4742322
09	180	177.0	09UCFN3A180N_	4742326
09	200	199.0	09UCFN3A200N_	4742330
09	225	220.5	09UCFN3A225N_	4742334
09	250	248.0	09UCFN3A250N_	4742338
10	56.	60.23	10UCFN3A56.N_	4763340
10	63.	66.93	10UCFN3A63.N_	4763346
10	71.	71.17	10UCFN3A71.N_	4763352
10	80.	79.08	10UCFN3A80.N_	4763358
10	90.	95.44	10UCFN3A90.N_	4763364
10	100	110.0	10UCFN3A100N_	4763370
10	112	112.8	10UCFN3A112N_	4763376
10	125	129.9	10UCFN3A125N_	4763382
10	140	135.9	10UCFN3A140N_	4763388
10	160	156.6	10UCFN3A160N_	4763394
10	180	175.7	10UCFN3A180N_	4763400
10	200	188.8	10UCFN3A200N_	4763406
10	225	211.8	10UCFN3A225N_	4763412
10	250	227.5	10UCFN3A250N_	4763418

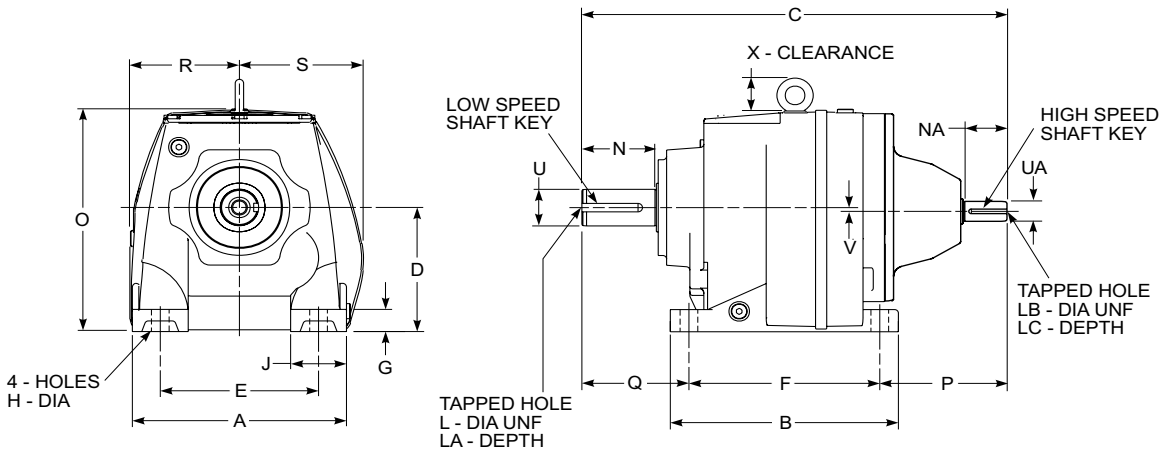
Flange Mounted – Quad. & Quint. Reduction

Contact factory for part number and ratings.

Type UC Double Reduction Gear Drive

Sizes 201 – 10 — Dimensions – Inches

Base Mounted



SIZE ★	A	B	C	D	E	F	G	H	J	L	LA	LB	LC
201	5.31	5.16	11.26	2.95	4.33	4.33	0.47	0.39	0.98	0.250	0.63	0.250	0.63
202	5.71	5.98	12.48	3.54	4.33	5.12	0.63	0.39	1.38	0.250	0.71	0.250	0.63
203	5.71	5.98	12.48	3.54	4.33	5.12	0.63	0.39	1.38	0.250	0.71	0.250	0.63
204	7.48	7.87	14.53	4.53	5.31	6.50	0.79	0.59	2.17	0.375	0.86	0.250	0.63
205	7.48	7.87	14.92	4.53	5.31	6.50	0.79	0.59	2.17	0.375	0.75	0.250	0.63
206	8.27	9.25	15.75	5.12	5.91	7.68	0.94	0.59	2.36	0.375	0.75	0.250	0.63
207	9.06	9.65	17.32	5.51	6.69	8.07	0.98	0.75	2.36	0.625	1.25	0.313	0.63
09	13.39	14.37	25.98	8.86	9.84	12.20	1.57	0.91	3.54	0.750	1.65	0.500	1.10
10	15.75	17.32	30.79	9.84	11.42	14.57	1.77	1.06	4.33	0.750	1.65	0.625	1.42

SIZE ★	N	NA	O	P	Q	R	S	Low Speed Shaft		High Speed Shaft		V	X
								U ‡	Key	UA †	Key		
201	1.575	1.570	5.87	4.65	2.28	2.99	2.99	0.7500	.1875 x .1875 x 1.2812	0.6250	.1875 x .1875 x 1.2812	. . .	. . .
202	1.969	1.570	7.09	4.41	2.95	3.31	3.38	1.0000	.2500 x .2500 x 1.5625	0.6250	.1875 x .1875 x 1.2812	. . .	. . .
203	1.969	1.570	7.09	4.38	2.95	3.31	3.38	1.0000	.2500 x .2500 x 1.5625	0.6250	.1875 x .1875 x 1.2812	. . .	. . .
204	2.362	1.570	8.19	4.49	3.54	3.82	4.21	1.2500	.2500 x .2500 x 2.0000	0.7500	.1875 x .1875 x 1.2812	. . .	. . .
205	2.756	1.570	8.19	4.48	3.94	3.82	4.21	1.3750	.3125 x .3125 x 2.3750	0.7500	.1875 x .1875 x 1.2812	. . .	. . .
206	2.756	1.570	8.43	4.13	3.94	4.33	4.33	1.3750	.3125 x .3125 x 2.3750	0.7500	.1875 x .1875 x 1.2812	0.57	1.26
207	3.150	1.970	9.84	4.72	4.53	4.69	5.23	1.6250	.3750 X .3750 X 2.3750	0.8750	.1875 x .1875 x 1.2812	. . .	1.77
208	3.937	2.360	12.20	6.10	5.51	6.57	6.03	2.1250	.5000 X .5000 X 2.7500	1.1250	.2500 x .2500 x 2.0000	. . .	1.97
09	4.720	3.150	15.51	7.48	6.30	7.87	6.78	2.3750	.6250 X .6250 X 3.6875	1.3750	.3125 x .3125 x 2.4062	. . .	1.54
10	5.510	4.330	17.56	8.94	7.28	8.86	7.99	2.8750	.7500 X .7500 X 4.6250	1.6250	.3750 X .3750 X 3.6875	. . .	2.32

‡ Sizes 201 thru 206 tolerance is +.0000, –.0005; Sizes 207 thru 10 tolerance is +.0000, –.0010.

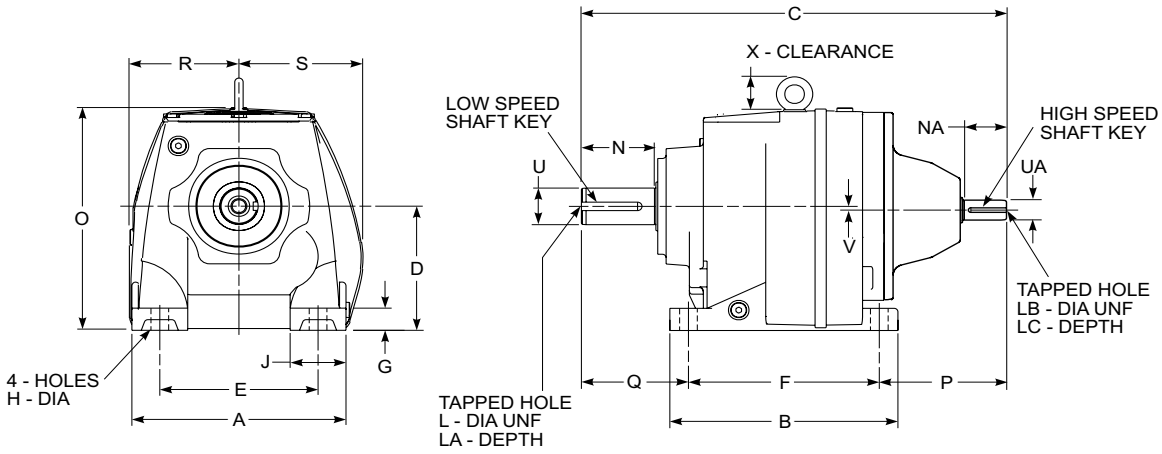
† Sizes 201 thru 09 tolerance is +.0000, –.0005; Size 10 tolerance is +.0000, –.0010.

★ Refer tp Page 4 for General Information and Reference Notes.

Type UC Triple Reduction Gear Drive

Sizes 201 – 10 — Dimensions – Inches

Base Mounted



SIZE ★	A	B	C	D	E	F	G	H	J	L	LA	LB	LC
201	5.31	5.16	11.26	2.95	4.33	4.33	0.47	0.39	0.98	0.250	0.63	0.250	0.63
202	5.71	5.98	12.48	3.54	4.33	5.12	0.63	0.39	1.38	0.250	0.71	0.250	0.63
203	5.71	5.98	12.48	3.54	4.33	5.12	0.63	0.39	1.38	0.250	0.71	0.250	0.63
204	7.48	7.87	14.53	4.53	5.31	6.50	0.79	0.59	2.17	0.375	0.86	0.250	0.63
205	7.48	7.87	14.92	4.53	5.31	6.50	0.79	0.59	2.17	0.375	0.75	0.250	0.63
206	8.27	9.25	15.75	5.12	5.91	7.68	0.94	0.59	2.36	0.375	0.75	0.250	0.63
207	9.06	9.65	17.32	5.51	6.69	8.07	0.98	0.75	2.36	0.625	1.25	0.313	0.63
208	11.42	12.20	21.85	7.09	8.46	10.24	1.38	0.75	2.95	0.750	1.50	0.375	0.87
09	13.39	14.37	25.98	8.86	9.84	12.20	1.57	0.91	3.54	0.750	1.65	0.500	1.10
10	15.75	17.32	30.79	9.84	11.42	14.57	1.77	1.06	4.33	0.750	1.65	0.625	1.42

SIZE ★	N	NA	O	P	Q	R	S	Low Speed Shaft		High Speed Shaft		V	X
								U ‡	Key	UA †	Key		
201	1.575	1.570	5.87	4.65	2.28	2.99	2.99	0.7500	.1875 x .1875 x 1.2812	0.6250	.1875 x .1875 x 1.2812	. . .	. . .
202	1.969	1.570	7.09	4.41	2.95	3.31	3.38	1.0000	.2500 x .2500 x 1.5625	0.6250	.1875 x .1875 x 1.2812	. . .	. . .
203	1.969	1.570	7.09	4.38	2.95	3.31	3.38	1.0000	.2500 x .2500 x 1.5625	0.6250	.1875 x .1875 x 1.2812	. . .	. . .
204	2.362	1.570	8.19	4.49	3.54	3.82	4.21	1.2500	.2500 x .2500 x 2.0000	0.6250	.1875 x .1875 x 1.2812	. . .	. . .
205	2.756	1.570	8.19	4.48	3.94	3.82	4.21	1.3750	.3125 x .3125 x 2.3750	0.6250	.1875 x .1875 x 1.2812	. . .	. . .
206	2.756	1.570	8.43	4.13	3.94	4.33	4.33	1.3750	.3125 x .3125 x 2.3750	0.6250	.1875 x .1875 x 1.2812	0.57	1.26
207	3.150	1.970	9.84	4.72	4.53	4.69	5.23	1.6250	.3750 X .3750 X 2.3750	0.7500	.1875 x .1875 x 1.2812	. . .	1.77
208	3.937	2.360	12.20	6.10	5.51	6.57	6.03	2.1250	.5000 X .5000 X 2.7500	0.8750	.1875 x .1875 x 1.2812	. . .	1.97
09	4.720	3.150	15.51	7.48	6.30	7.87	6.78	2.3750	.6250 X .6250 X 3.6875	1.1250	.2500 x .2500 x 2.0000	. . .	1.54
10	5.510	4.330	17.56	8.94	7.28	8.86	7.99	2.8750	.7500 X .7500 X 4.6250	1.3750	.3125 x .3125 x 2.4062	. . .	2.32

‡ Sizes 201 thru 206 tolerance is +.0000, –.0005; Sizes 207 thru 10 tolerance is +.0000, –.0010.

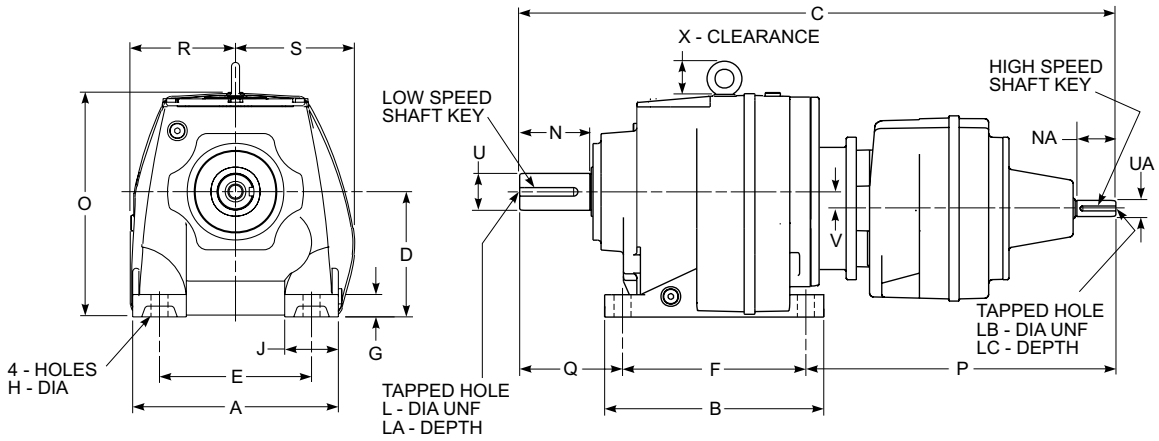
† Sizes 201 thru 09 tolerance is +.0000, –.0005; Size 10 tolerance is +.0000, –.0010.

★ Refer tp Page 4 for General Information and Reference Notes.

Type UC Quadruple Reduction Gear Drive

Sizes 203 – 10 — Dimensions – Inches

Base Mounted



SIZE ★	A	B	C	D	E	F	G	H	J	L	LA	LB	LC
203	5.71	5.98	19.80	3.54	4.33	5.12	0.63	0.39	1.38	0.250	0.71	0.250	0.63
204	7.48	7.87	22.48	4.53	5.31	6.50	0.79	0.59	2.17	0.375	0.86	0.250	0.63
205	7.48	7.87	22.87	4.53	5.31	6.50	0.79	0.59	2.17	0.375	0.75	0.250	0.63
206	8.27	9.25	23.70	5.12	5.91	7.68	0.94	0.59	2.36	0.375	0.75	0.250	0.63
207	9.06	9.65	25.16	5.51	6.69	8.07	0.98	0.75	2.36	0.625	1.25	0.250	0.63
208	11.42	12.20	29.57	7.09	8.46	10.24	1.38	0.75	2.95	0.750	1.50	0.250	0.63
09	13.39	14.37	32.76	8.86	9.84	12.20	1.57	0.91	3.54	0.750	1.65	0.250	0.63
10	15.75	17.32	37.64	9.84	11.42	14.57	1.77	1.06	4.33	0.750	1.65	0.313	0.63

SIZE ★	N	NA	O	P	Q	R	S	Low Speed Shaft		High Speed Shaft		V	X
								U ‡	Key	UA †	Key		
203	1.969	1.570	7.09	11.73	2.95	3.31	3.38	1.0000	.2500 x .2500 x 1.5625	0.6250	.1875 x .1875 x 1.2812	. . .	. . .
204	2.362	1.570	8.19	12.44	3.54	3.82	4.21	1.2500	.2500 x .2500 x 2.0000	0.6250	.1875 x .1875 x 1.2812	. . .	. . .
205	2.756	1.570	8.19	12.43	3.94	3.82	4.21	1.3750	.3125 x .3125 x 2.3750	0.6250	.1875 x .1875 x 1.2812	. . .	. . .
206	2.756	1.570	8.43	12.08	3.94	4.33	4.33	1.3750	.3125 x .3125 x 2.3750	0.6250	.1875 x .1875 x 1.2812	0.57	1.26
207	3.150	1.750	9.84	12.56	4.53	4.69	5.23	1.6250	.3750 X .3750 X 2.3750	0.6250	.1875 x .1875 x 1.2812	. . .	1.77
208	3.937	1.750	12.20	13.82	5.51	6.57	6.03	2.1250	.5000 X .5000 X 2.7500	0.7500	.1875 x .1875 x 1.2812	. . .	1.97
09	4.720	1.750	15.51	14.26	6.30	7.87	6.78	2.3750	.6250 X .6250 X 3.6875	0.7500	.1875 x .1875 x 1.2812	. . .	1.54
10	5.510	1.970	17.56	15.79	7.28	8.86	7.99	2.8750	.7500 X .7500 X 4.6250	0.8750	.1875 x .1875 x 1.2812	. . .	2.32

‡ Sizes 203 thru 206 tolerance is +.0000, –.0005; Sizes 207 thru 10 tolerance is +.0000, –.0010.

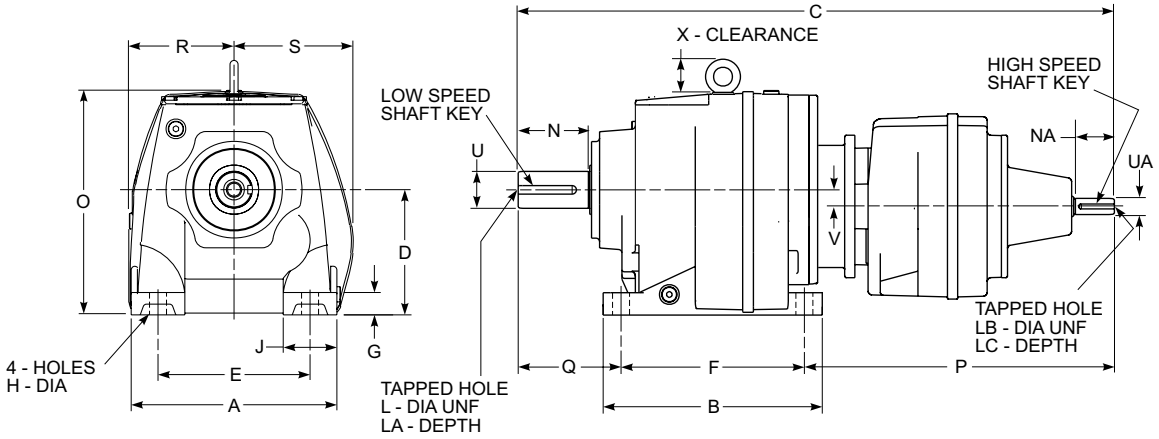
† Sizes 203 thru 10 tolerance is +.0000, –.0005.

★ Refer tp Page 4 for General Information and Reference Notes.

Type UC Quintuple Reduction Gear Drive

Sizes 203 – 10 — Dimensions – Inches

Base Mounted



SIZE ★	A	B	C	D	E	F	G	H	J	L	LA	LB	LC
203	5.71	5.98	19.80	3.54	4.33	5.12	0.63	0.39	1.38	0.250	0.71	0.250	0.63
204	7.48	7.87	22.48	4.53	5.31	6.50	0.79	0.59	2.17	0.375	0.86	0.250	0.63
205	7.48	7.87	22.87	4.53	5.31	6.50	0.79	0.59	2.17	0.375	0.75	0.250	0.63
206	8.27	9.25	23.70	5.12	5.91	7.68	0.94	0.59	2.36	0.375	0.75	0.250	0.63
207	9.06	9.65	25.16	5.51	6.69	8.07	0.98	0.75	2.36	0.625	1.25	0.250	0.63
208	11.42	12.20	29.57	7.09	8.46	10.24	1.38	0.75	2.95	0.750	1.50	0.250	0.63
09	13.39	14.37	32.76	8.86	9.84	12.20	1.57	0.91	3.54	0.750	1.65	0.250	0.63
10	15.75	17.32	37.64	9.84	11.42	14.57	1.77	1.06	4.33	0.750	1.65	0.313	0.63

SIZE ★	N	NA	O	P	Q	R	S	Low Speed Shaft		High Speed Shaft		V	X
								U ‡	Key	UA †	Key		
203	1.969	1.570	7.09	11.73	2.95	3.31	3.38	1.0000	.2500 x .2500 x 1.5625	0.6250	.1875 x .1875 x 1.2812	. . .	. . .
204	2.362	1.570	8.19	12.44	3.54	3.82	4.21	1.2500	.2500 x .2500 x 2.0000	0.6250	.1875 x .1875 x 1.2812	. . .	. . .
205	2.756	1.570	8.19	12.43	3.94	3.82	4.21	1.3750	.3125 x .3125 x 2.3750	0.6250	.1875 x .1875 x 1.2812	. . .	. . .
206	2.756	1.570	8.43	12.08	3.94	4.33	4.33	1.3750	.3125 x .3125 x 2.3750	0.6250	.1875 x .1875 x 1.2812	0.57	1.26
207	3.150	1.750	9.84	12.56	4.53	4.69	5.23	1.6250	.3750 X .3750 X 2.3750	0.6250	.1875 x .1875 x 1.2812	. . .	1.77
208	3.937	1.750	12.20	13.82	5.51	6.57	6.03	2.1250	.5000 X .5000 X 2.7500	0.7500	.1875 x .1875 x 1.2812	. . .	1.97
09	4.720	1.750	15.51	14.26	6.30	7.87	6.78	2.3750	.6250 X .6250 X 3.6875	0.7500	.1875 x .1875 x 1.2812	. . .	1.54
10	5.510	1.970	17.56	15.79	7.28	8.86	7.99	2.8750	.7500 X .7500 X 4.6250	0.8750	.1875 x .1875 x 1.2812	. . .	2.32

‡ Sizes 203 thru 206 tolerance is +.0000, –.0005; Sizes 207 thru 10 tolerance is +.0000, –.0010.

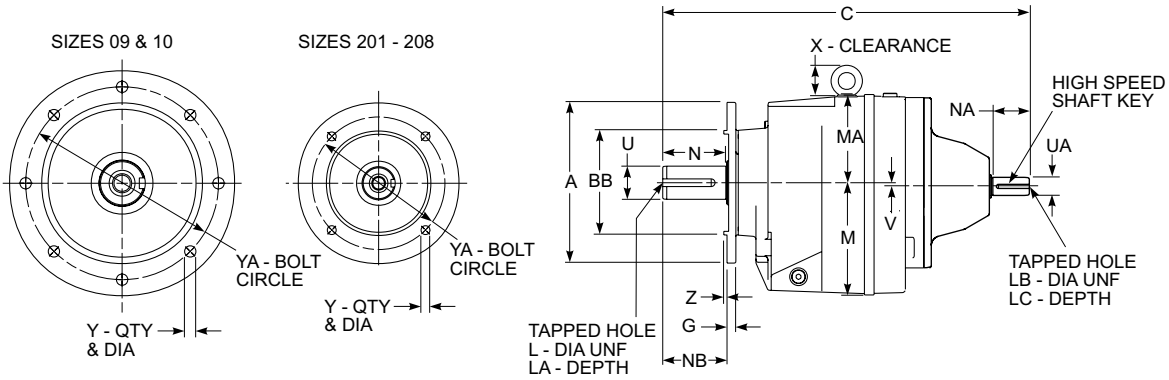
† Sizes 203 thru 10 tolerance is +.0000, –.0005.

★ Refer tp Page 4 for General Information and Reference Notes.

Type UC Double Reduction Gearmotor

Sizes 201-10 — Dimensions – Inches

Flange Mounted



SIZE ★	A ✱	BB	C	G	L	LA	LB	LC	M	MA	N	NA	NB	Low Speed Shaft		High Speed Shaft		V	X	Y	YA	Z
														U ‡	Key	U †	Key					
201	4.72	3.15	11.26	0.35	0.250	0.63	0.250	0.63	2.99	2.91	1.575	1.570	1.57	0.750	.1875 x .1875 x 1.2812	0.6250	.1875 x .1875 x 1.2812	. . .	. . .	4 x 0.35	3.94	0.12
	5.51	3.74		0.35									1.57							4 x 0.35	4.53	0.12
	6.30	4.33		0.39									1.57							4 x 0.35	5.12	0.14
	7.87	5.12		0.39									1.57							4 x 0.43	6.50	0.14
202	4.72	3.15	12.48	0.39	0.250	0.71	0.250	0.63	3.58	3.54	1.969	1.570	1.97	1.000	.2500 x .2500 x 1.5625	0.6250	.1875 x .1875 x 1.2812	. . .	. . .	4 x 0.26	3.94	0.12
	5.51	3.74		0.39									1.97							4 x 0.35	4.53	0.12
	6.30	4.33		0.39									1.97							4 x 0.35	5.12	0.14
	7.87	5.12		0.39									1.97							4 x 0.43	6.50	0.14
203	4.72	3.15	12.48	0.39	0.250	0.71	0.250	0.63	3.58	3.54	1.969	1.570	1.97	1.000	.2500 x .2500 x 1.5625	0.6250	.1875 x .1875 x 1.2812	. . .	. . .	4 x 0.26	3.94	0.12
	5.51	3.74		0.39									1.97							4 x 0.35	4.53	0.12
	6.30	4.33		0.39									1.97							4 x 0.35	5.12	0.14
	7.87	5.12		0.39									1.97							4 x 0.43	6.50	0.14
204	5.51	3.74	14.53	0.43	0.375	0.86	0.250	0.63	4.53	3.66	2.362	1.570	2.36	1.250	.2500 x .2500 x 2.0000	0.7500	.1875 x .1875 x 1.2812	. . .	. . .	4 x 0.35	4.53	0.12
	6.30	4.33		0.43									2.36							4 x 0.35	5.12	0.14
	7.87	5.12		0.43									2.36							4 x 0.43	6.50	0.14
	9.84	7.09		0.43									2.36							4 x 0.53	8.46	0.16
205	5.51	3.74	14.92	0.43	0.375	0.75	0.250	0.63	4.53	3.66	2.756	1.570	2.76	1.375	.3125 x .3125 x 2.3750	0.7500	.1875 x .1875 x 1.2812	. . .	. . .	4 x 0.35	4.53	0.12
	6.30	4.33		0.43									2.76							4 x 0.35	5.12	0.14
	7.87	5.12		0.43									2.76							4 x 0.43	6.50	0.14
	9.84	7.09		0.43									2.76							4 x 0.53	8.46	0.16
206	7.87	5.12	15.75	0.43	0.375	0.75	0.250	0.63	5.12	3.31	2.756	1.570	2.76	1.375	.3125 x .3125 x 2.3750	0.7500	.1875 x .1875 x 1.2812	0.57	1.26	4 x 0.43	6.50	0.16
	9.84	7.09		0.43									2.76							4 x 0.53	8.46	0.16
	11.81	9.06		0.43									2.76							4 x 0.53	10.43	0.16
207	7.87	5.12	17.32	0.43	0.625	1.25	0.313	0.63	5.51	4.33	3.150	1.970	3.15	1.625	.3750 x .3750 x 2.3750	0.8750	.1875 x .1875 x 1.2812	. . .	1.77	4 x 0.43	6.50	0.14
	9.84	7.09		0.43									3.15							4 x 0.53	8.46	0.16
	11.81	9.06		0.43									3.15							4 x 0.53	10.43	0.16
208	11.81	9.06	21.85	0.67	0.750	1.50	0.375	0.87	7.17	5.12	3.937	2.360	3.94	2.125	.5000 x .5000 x 2.7500	1.1250	.2500 x .2500 x 2.0000	. . .	1.97	4 x 0.53	10.43	0.16
	13.78	9.84		0.67									3.94							4 x 0.69	11.81	0.20
09	17.72	13.78	25.98	0.71	0.750	1.65	0.500	1.10	9.06	5.92	4.720	3.150	5.51	2.375	.6250 x .6250 x 3.6875	1.3750	.3125 x .3125 x 2.4062	. . .	1.54	8 x 0.71	15.75	0.20
10	17.72	13.78	30.79	0.87	0.750	1.65	0.625	1.42	10.24	7.33	5.510	4.330	5.51	2.875	.7500 x .7500 x 4.6250	1.6250	.3750 x .3750 x 3.6875	. . .	2.32	8 x 0.71	15.75	0.20

★ Refer tp Page 4 for General Information and Reference Notes.

✱ See Page 96 for optional flange sizes and their part numbers.

‡ Sizes 201 thru 206 tolerance is +.0000, –.0005; Sizes 207 thru 10 tolerance is +.0000, –.0010.

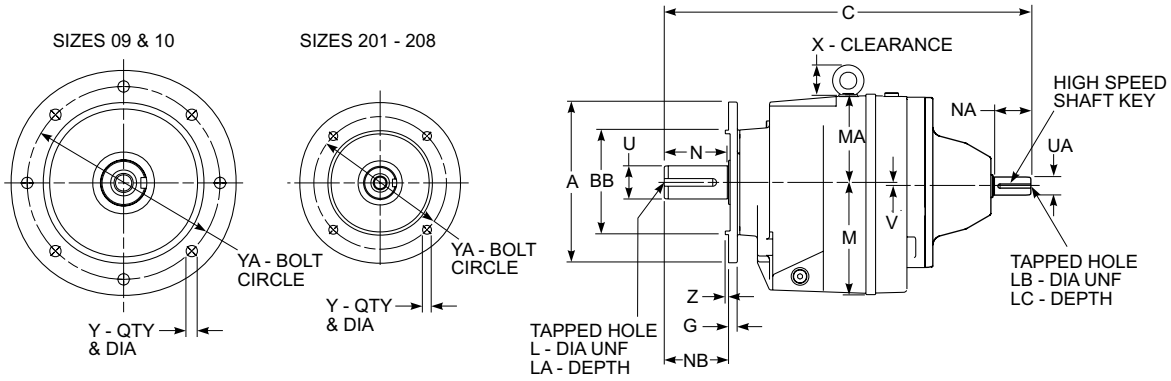
† Sizes 201 thru 09 tolerance is +.0000, –.0005; Size 10 tolerance is +.0000, –.0010.

Standard supplied flange if not specified.

Type UC Triple Reduction Gearmotor

Sizes 201-10 — Dimensions – Inches

Flange Mounted



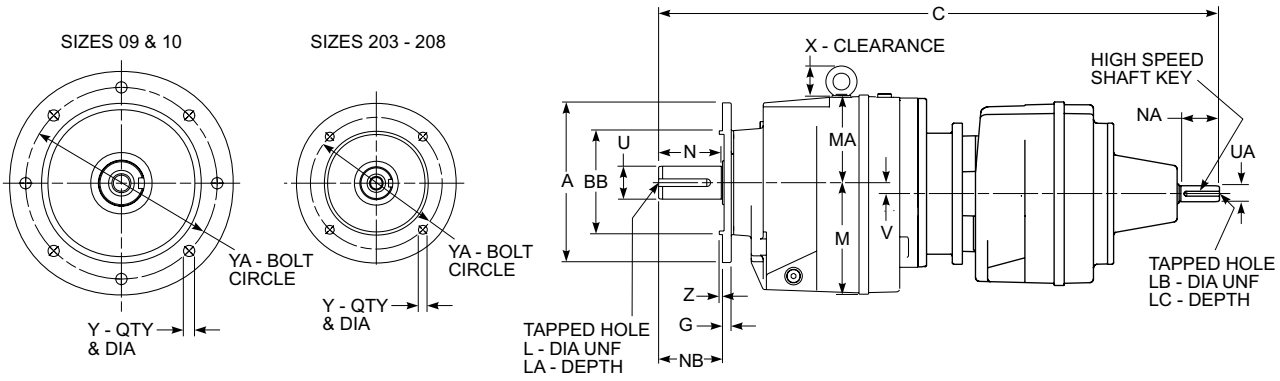
SIZE ★	A ✱	BB	C	G	L	LA	LB	LC	M	MA	N	NA	NB	Low Speed Shaft		High Speed Shaft		V	X	Y	YA	Z
														U ‡	Key	U †	Key					
201	4.72	3.15	11.26	0.35	0.250	0.63	0.250	0.63	2.99	2.91	1.575	1.570	1.57	0.750	.1875 x .1875 x 1.2812	0.6250	.1875 x .1875 x 1.2812	. . .	. . .	4 x 0.35	3.94	0.12
	5.51	3.74		0.35									1.57							4 x 0.35	4.53	0.12
	6.30	4.33		0.39									1.57							4 x 0.35	5.12	0.14
	7.87	5.12		0.39									1.57							4 x 0.43	6.50	0.14
202	4.72	3.15	12.48	0.39	0.250	0.71	0.250	0.63	3.58	3.54	1.969	1.570	1.97	1.000	.2500 x .2500 x 1.5625	0.6250	.1875 x .1875 x 1.2812	. . .	. . .	4 x 0.26	3.94	0.12
	5.51	3.74		0.39									1.97							4 x 0.35	4.53	0.12
	6.30	4.33		0.39									1.97							4 x 0.35	5.12	0.14
	7.87	5.12		0.39									1.97							4 x 0.43	6.50	0.14
203	4.72	3.15	12.48	0.39	0.250	0.71	0.250	0.63	3.58	3.54	1.969	1.570	1.97	1.000	.2500 x .2500 x 1.5625	0.6250	.1875 x .1875 x 1.2812	. . .	. . .	4 x 0.26	3.94	0.12
	5.51	3.74		0.39									1.97							4 x 0.35	4.53	0.12
	6.30	4.33		0.39									1.97							4 x 0.35	5.12	0.14
	7.87	5.12		0.39									1.97							4 x 0.43	6.50	0.14
204	5.51	3.74	14.53	0.43	0.375	0.86	0.250	0.63	4.53	3.66	2.362	1.570	2.36	1.250	.2500 x .2500 x 2.0000	0.7500	.1875 x .1875 x 1.2812	. . .	. . .	4 x 0.35	4.53	0.12
	6.30	4.33		0.43									2.36							4 x 0.35	5.12	0.14
	7.87	5.12		0.43									2.36							4 x 0.43	6.50	0.14
	9.84	7.09		0.43									2.36							4 x 0.53	8.46	0.16
205	5.51	3.74	14.92	0.43	0.375	0.75	0.250	0.63	4.53	3.66	2.756	1.570	2.76	1.375	.3125 x .3125 x 2.3750	0.7500	.1875 x .1875 x 1.2812	. . .	. . .	4 x 0.35	4.53	0.12
	6.30	4.33		0.43									2.76							4 x 0.35	5.12	0.14
	7.87	5.12		0.43									2.76							4 x 0.43	6.50	0.14
	9.84	7.09		0.43									2.76							4 x 0.53	8.46	0.16
206	7.87	5.12	15.75	0.43	0.375	0.75	0.250	0.63	5.12	3.31	2.756	1.570	2.76	1.375	.3125 x .3125 x 2.3750	0.7500	.1875 x .1875 x 1.2812	0.57	1.26	4 x 0.43	6.50	0.16
	9.84	7.09		0.43									2.76							4 x 0.53	8.46	0.16
	11.81	9.06		0.43									2.76							4 x 0.53	10.43	0.16
207	7.87	5.12	17.32	0.43	0.625	1.25	0.313	0.63	5.51	4.33	3.150	1.970	3.15	1.625	.3750 x .3750 x 2.3750	0.8750	.1875 x .1875 x 1.2812	. . .	1.77	4 x 0.43	6.50	0.14
	9.84	7.09		0.43									3.15							4 x 0.53	8.46	0.16
	11.81	9.06		0.43									3.15							4 x 0.53	10.43	0.16
208	11.81	9.06	21.85	0.67	0.750	1.50	0.375	0.87	7.17	5.12	3.937	2.360	3.94	2.125	.5000 x .5000 x 2.7500	1.1250	.2500 x .2500 x 2.0000	. . .	1.97	4 x 0.53	10.43	0.16
	13.78	9.84		0.67									3.94							4 x 0.69	11.81	0.20
09	17.72	13.78	25.98	0.71	0.750	1.65	0.500	1.10	9.06	5.92	4.720	3.150	5.51	2.375	.6250 x .6250 x 3.6875	1.3750	.3125 x .3125 x 2.4062	. . .	1.54	8 x 0.71	15.75	0.20
10	17.72	13.78	30.79	0.87	0.750	1.65	0.625	1.42	10.24	7.33	5.510	4.330	5.51	2.875	.7500 x .7500 x 4.6250	1.6250	.3750 x .3750 x 3.6875	. . .	2.32	8 x 0.71	15.75	0.20

★ Refer tp Page 4 for General Information and Reference Notes.
✱ See Page 96 for optional flange sizes and their part numbers.
‡ Sizes 201 thru 206 tolerance is +.0000, –.0005; Sizes 207 thru 10 tolerance is +.0000, –.0010.
† Sizes 201 thru 09 tolerance is +.0000, –.0005; Size 10 tolerance is +.0000, –.0010.
Standard supplied flange if not specified.

Type UC Quadruple Reduction Gearmotor

Sizes 203-10 — Dimensions – Inches

Flange Mounted



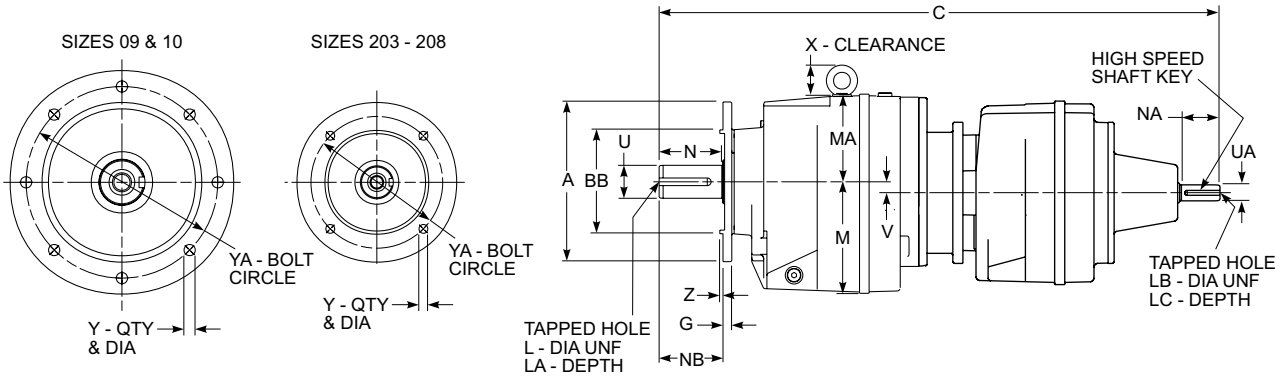
SIZE ★	A ✱	BB	C	G	L	LA	LB	LC	M	MA	N	NA	NB	Low Speed Shaft		High Speed Shaft		V	X	Y	YA	Z
														U ‡	Key	U †	Key					
203	4.72	3.15	19.80	0.39	0.250	0.71	0.250	0.63	3.58	3.54	1.969	1.570	1.97	1.000	.2500 x .2500 x 1.5625	0.6250	.1875 x .1875 x 1.2812	. . .	. . .	4 x 0.26	3.94	0.12
	5.51	3.74		0.39									1.97							4 x 0.35	4.53	0.12
	6.30	4.33		0.39									1.97							4 x 0.35	5.12	0.14
	7.87	5.12		0.39									1.97							4 x 0.43	6.50	0.14
204	5.51	3.74	22.48	0.43	0.375	0.86	0.250	0.63	4.53	3.66	2.362	1.570	2.36	1.250	.2500 x .2500 x 2.0000	0.6250	.1875 x .1875 x 1.2812	. . .	. . .	4 x 0.35	4.53	0.12
	6.30	4.33		0.43									2.36							4 x 0.35	5.12	0.14
	7.87	5.12		0.43									2.36							4 x 0.43	6.50	0.14
	9.84	7.09		0.43									2.36							4 x 0.53	8.46	0.16
205	5.51	3.74	22.87	0.43	0.375	0.75	0.250	0.63	4.53	3.66	2.756	1.570	2.76	1.375	.3125 x .3125 x 2.3750	0.6250	.1875 x .1875 x 1.2812	. . .	. . .	4 x 0.35	4.53	0.12
	6.30	4.33		0.43									2.76							4 x 0.35	5.12	0.14
	7.87	5.12		0.43									2.76							4 x 0.43	6.50	0.14
	9.84	7.09		0.43									2.76							4 x 0.53	8.46	0.16
206	7.87	5.12	23.70	0.43	0.375	0.75	0.250	0.63	5.12	3.31	2.756	1.570	2.76	1.375	.3125 x .3125 x 2.3750	0.6250	.1875 x .1875 x 1.2812	0.57	1.26	4 x 0.43	6.50	0.16
	9.84	7.09		0.43									2.76							4 x 0.53	8.46	0.16
	11.81	9.06		0.43									2.76							4 x 0.53	10.43	0.16
207	7.87	5.12	25.16	0.43	0.625	1.25	0.250	0.63	5.51	4.33	3.150	1.570	3.15	1.625	.3750 x .3750 x 2.3750	0.6250	.1875 x .1875 x 1.2812	. . .	1.77	4 x 0.43	6.50	0.14
	9.84	7.09		0.43									3.15							4 x 0.53	8.46	0.16
	11.81	9.06		0.43									3.15							4 x 0.53	10.43	0.16
208	11.81	9.06	29.57	0.67	0.750	1.50	0.250	0.63	7.17	5.12	3.937	1.570	3.94	2.125	.5000 x .5000 x 2.7500	0.7500	.1875 x .1875 x 1.2812	. . .	1.97	4 x 0.53	10.43	0.16
	13.78	9.84		0.67									3.94							4 x 0.69	11.81	0.20
09	17.72	13.78	32.76	0.71	0.750	1.65	0.250	0.63	9.06	5.92	4.720	1.570	5.51	2.375	.6250 x .6250 x 3.6875	0.7500	.1875 x .1875 x 1.2812	. . .	1.54	8 x 0.71	15.75	0.20
10	17.72	13.78	37.64	0.87	0.750	1.65	0.313	0.63	10.24	7.33	5.510	1.970	5.51	2.875	.7500 x .7500 x 4.6250	0.8750	.1875 x .1875 x 1.2812	. . .	2.32	8 x 0.71	15.75	0.20

★ Refer tp Page 4 for General Information and Reference Notes.
✱ See Page 96 for optional flange sizes and their part numbers.
‡ Sizes 203 thru 206 tolerance is +.0000, –.0005; Sizes 207 thru 10 tolerance is +.0000, –.0010.
† Sizes 203 thru 10 tolerance is +.0000, –.0005
Standard supplied flange if not specified.

Type UC Quintuple Reduction Gearmotor

Sizes 203-10 — Dimensions – Inches

Flange Mounted



SIZE ★	A ✱	BB	C	G	L	LA	LB	LC	M	MA	N	NA	NB	Low Speed Shaft		High Speed Shaft		V	X	Y	YA	Z
														U ‡	Key	U †	Key					
203	4.72	3.15	19.80	0.39	0.250	0.71	0.250	0.63	3.58	3.54	1.969	1.570	1.97	1.000	.2500 x .2500 x 1.5625	0.6250	.1875 x .1875 x 1.2812	. . .	. . .	4 x 0.26	3.94	0.12
	5.51	3.74		0.39									1.97							4 x 0.35	4.53	0.12
	6.30	4.33		0.39									1.97							4 x 0.35	5.12	0.14
	7.87	5.12		0.39									1.97							4 x 0.43	6.50	0.14
204	5.51	3.74	22.48	0.43	0.375	0.86	0.250	0.63	4.53	3.66	2.362	1.570	2.36	1.250	.2500 x .2500 x 2.0000	0.6250	.1875 x .1875 x 1.2812	. . .	. . .	4 x 0.35	4.53	0.12
	6.30	4.33		0.43									2.36							4 x 0.35	5.12	0.14
	7.87	5.12		0.43									2.36							4 x 0.43	6.50	0.14
	9.84	7.09		0.43									2.36							4 x 0.53	8.46	0.16
205	5.51	3.74	22.87	0.43	0.375	0.75	0.250	0.63	4.53	3.66	2.756	1.570	2.76	1.375	.3125 x .3125 x 2.3750	0.6250	.1875 x .1875 x 1.2812	. . .	. . .	4 x 0.35	4.53	0.12
	6.30	4.33		0.43									2.76							4 x 0.35	5.12	0.14
	7.87	5.12		0.43									2.76							4 x 0.43	6.50	0.14
	9.84	7.09		0.43									2.76							4 x 0.53	8.46	0.16
206	7.87	5.12	23.70	0.43	0.375	0.75	0.250	0.63	5.12	3.31	2.756	1.570	2.76	1.375	.3125 x .3125 x 2.3750	0.6250	.1875 x .1875 x 1.2812	0.57	1.26	4 x 0.43	6.50	0.16
	9.84	7.09		0.43									2.76							4 x 0.53	8.46	0.16
	11.81	9.06		0.43									2.76							4 x 0.53	10.43	0.16
207	7.87	5.12	25.16	0.43	0.625	1.25	0.250	0.63	5.51	4.33	3.150	1.570	3.15	1.625	.3750 x .3750 x 2.3750	0.6250	.1875 x .1875 x 1.2812	. . .	1.77	4 x 0.43	6.50	0.14
	9.84	7.09		0.43									3.15							4 x 0.53	8.46	0.16
	11.81	9.06		0.43									3.15							4 x 0.53	10.43	0.16
208	11.81	9.06	29.57	0.67	0.750	1.50	0.250	0.63	7.17	5.12	3.937	1.570	3.94	2.125	.5000 x .5000 x 2.7500	0.7500	.1875 x .1875 x 1.2812	. . .	1.97	4 x 0.53	10.43	0.16
	13.78	9.84		0.67									3.94							4 x 0.69	11.81	0.20
09	17.72	13.78	32.76	0.71	0.750	1.65	0.250	0.63	9.06	5.92	4.720	1.570	5.51	2.375	.6250 x .6250 x 3.6875	0.7500	.1875 x .1875 x 1.2812	. . .	1.54	8 x 0.71	15.75	0.20
10	17.72	13.78	37.64	0.87	0.750	1.65	0.313	0.63	10.24	7.33	5.510	1.970	5.51	2.875	.7500 x .7500 x 4.6250	0.8750	.1875 x .1875 x 1.2812	. . .	2.32	8 x 0.71	15.75	0.20

★ Refer tp Page 4 for General Information and Reference Notes.

✱ See Page 96 for optional flange sizes and their part numbers.

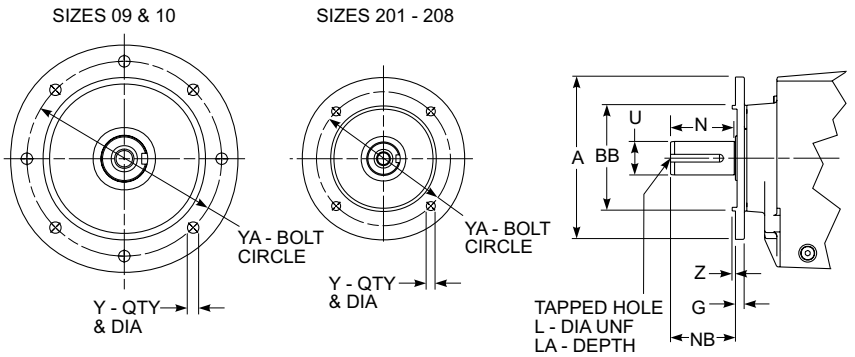
‡ Sizes 203 thru 206 tolerance is +.0000, –.0005; Sizes 207 thru 10 tolerance is +.0000, –.0010.

† Sizes 203 thru 10 tolerance is +.0000, –.0005

! Standard supplied flange if not specified.

Type UC – Accessories

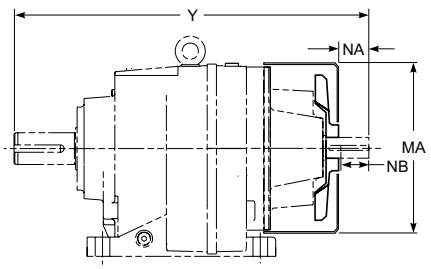
Type UCF Optional Flanges Sizes 201 – 10 Flange Dimension – Inches



Size ★	Part Number	A	BB	G	L	LA	N	NB	Low Speed Shaft		Y	YA	Z
									U ‡	Key			
201	1941123	4.72	3.15	0.35	0.250	0.63	1.575	1.57	0.750	.1875 x .1875 x 1.2812	4 x 0.35	3.94	0.12
	1941200	5.51	3.74	0.35				1.57			4 x 0.35	4.53	0.12
	1941201	6.30	4.33	0.39				1.57			4 x 0.35	5.12	0.14
	1941202	7.87	5.12	0.39				1.57			4 x 0.43	6.50	0.14
202	1941203	4.72	3.15	0.39	0.250	0.71	1.969	1.97	1.000	.2500 x .2500 x 1.5625	4 x 0.26	3.94	0.12
	1941121	5.51	3.74	0.39				1.97			4 x 0.35	4.53	0.12
	1941204	6.30	4.33	0.39				1.97			4 x 0.35	5.12	0.14
	1941205	7.87	5.12	0.39				1.97			4 x 0.43	6.50	0.14
203	1941203	4.72	3.15	0.39	0.250	0.71	1.969	1.97	1.000	.2500 x .2500 x 1.5625	4 x 0.26	3.94	0.12
	1941121	5.51	3.74	0.39				1.97			4 x 0.35	4.53	0.12
	1941204	6.30	4.33	0.39				1.97			4 x 0.35	5.12	0.14
	1941205	7.87	5.12	0.39				1.97			4 x 0.43	6.50	0.14
204	1941206	5.51	3.74	0.43	0.375	0.86	2.362	2.36	1.250	.2500 x .2500 x 2.0000	4 x 0.35	4.53	0.12
	1941207	6.30	4.33	0.43				2.36			4 x 0.35	5.12	0.14
	1941143	7.87	5.12	0.43				2.36			4 x 0.43	6.50	0.14
	1941141	9.84	7.09	0.43				2.36			4 x 0.53	8.46	0.16
205	1941206	5.51	3.74	0.43	0.375	0.75	2.756	2.76	1.375	.3125 x .3125 x 2.3750	4 x 0.35	4.53	0.12
	1941207	6.30	4.33	0.43				2.76			4 x 0.35	5.12	0.14
	1941143	7.87	5.12	0.43				2.76			4 x 0.43	6.50	0.14
	1941141	9.84	7.09	0.43				2.76			4 x 0.53	8.46	0.16
206	1941208	7.87	5.12	0.43	0.375	0.75	2.756	2.76	1.375	.3125 x .3125 x 2.3750	4 x 0.43	6.50	0.16
	1941136	9.84	7.09	0.43				2.76			4 x 0.53	8.46	0.16
	1941139	11.81	9.06	0.43				2.76			4 x 0.53	10.43	0.16
207	1941208	7.87	5.12	0.43	0.625	1.25	3.150	3.15	1.625	.3750 x .3750 x 2.3750	4 x 0.43	6.50	0.14
	1941136	9.84	7.09	0.43				3.15			4 x 0.53	8.46	0.16
	1941139	11.81	9.06	0.43				3.15			4 x 0.53	10.43	0.16
208	1941172	11.81	9.06	0.67	0.750	1.50	3.937	3.94	2.125	.5000 x .5000 x 2.7500	4 x 0.53	10.43	0.16
	1941179	13.78	9.84	0.67				3.94			4 x 0.69	11.81	0.20
09	Integral with Hsg	17.72	13.78	0.71	0.750	1.65	4.720	5.51	2.375	.6250 x .6250 x 3.6875	8 x 0.71	15.75	0.20
10	Integral with Hsg	17.72	13.78	0.87	0.750	1.65	5.510	5.51	2.875	.7500 x .7500 x 4.6250	8 x 0.71	15.75	0.20

★ Refer tp Page 4 for General Information and Reference Notes.
‡ Sizes 201 thru 206 tolerance is +.0000, –.0005; Sizes 207 thru 10 tolerance is +.0000, –.0010.Standard supplied flange part number unless otherwise specified.
Standard supplied flange part number unless otherwise specified.

Type UC Fan Cooled Drives



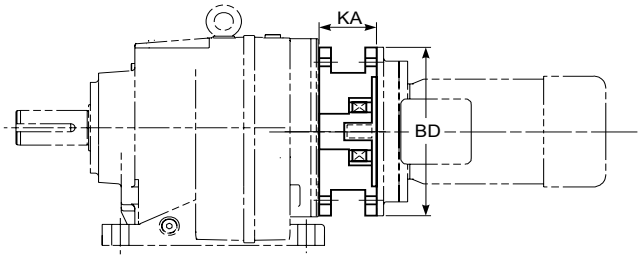
DRIVE SIZE	MA	NA	NB	Y	Kit Part Number
207	8.86	1.38	1.28	17.32	1940894
208	10.43	1.77	2.00	21.85	1940895
09	12.60	2.56	2.40	25.98	1940896
10	14.96	3.74	3.69	30.79	1940897

Type UC – Accessories

Gearmotor Backstop Module

Gearmotor backstop modules can be fitted between the gear drive and motor. The backstop device incorporates high quality centrifugal lift off sprags which are wear free above the lift off speed (rpm). To ensure correct operation motor speed must exceed lift off speed. Suitable for ambient temperatures of -40°F to 122°F (-40°C to 50°C). When a backstop module is furnished, dimension K should be added to the overall length of the gearmotor assembly.

Low speed shaft rotation must be specified when ordering as viewed from the low speed shaft end.



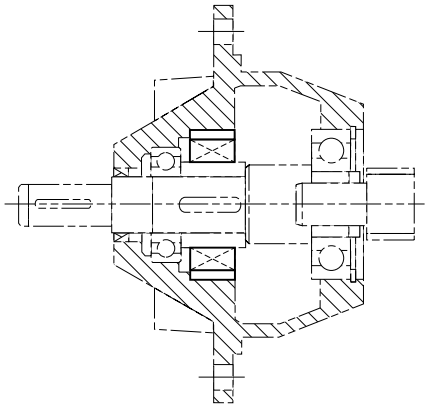
DIMENSIONS — INCHES (NEMA C Flange)

Motor Frame Size	Lift Off Speed (rpm)	Rated Locking Torque Max at Motor (lb-in)	BD	KA	Kit Part Number
182TC / 184TC	670	2655	9.00	3.75	1940888
213TC / 215TC	670	2655	9.00	3.75	1940889
254TC / 256TC	620	8320	9.00	4.75	1940890
284TC / 286TC	620	8320	11.00	5.38	1940891
324TC / 326TC	550	11150	13.00	6.00	1940892

Gear Drive Backstop Module

The gear drives listed below can be fitted with an internal backstop, this has no effect of the external drive size. The backstop device incorporates high quality centrifugal lift off sprags which are wear free above the lift off speed (rpm). Suitable for ambient temperatures of -40°F to 122°F (-40°C to 50°C).

Low speed shaft rotation must be specified when ordering as viewed from the low speed shaft end.



DIMENSIONS — INCHES

DRIVE SIZE	Lift Off Speed (rpm)	Rating Locking Torque Max at HSS (lb-in)	Kit Part Number
204	800	885	Consult Factory
205	800	885	
206	800	885	
207	670	1504	
208	670	1504	
09	670	2655	
10	670	2655	

Type UC – Approximate Shipping Weights – lb ★

DRIVE SIZE	Motor Frame Size																							
	56C		143TC		145TC		182TC		184TC		213TC		215TC		254TC		256TC		284TC		286TC		324TC		326TC	
	C-Face Drive With Mounted Motor																							
	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange
201UC2	20	21	20	21	20	21	23	24	26	27	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
201UC3	24	23	24	23	24	23	27	26	30	29	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
202UC2	27	30	27	30	27	30	30	33	33	36	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
202UC3	31	34	31	34	31	34	34	37	37	40	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
203UC2	27	30	27	30	27	30	30	33	33	36	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
203UC3	31	34	31	34	31	34	34	37	37	40	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
203UC4	48	51	48	51	48	51	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
203UC5	51	54	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
204UC2	47	52	47	52	47	52	62	67	77	82	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
204UC3	52	56	52	56	52	56	67	71	82	86	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
204UC4	79	83	79	83	79	83	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
204UC5	82	87	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
205UC2	48	53	48	53	48	53	63	68	78	83	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
205UC3	52	56	52	56	52	56	67	71	82	86	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
205UC4	79	83	79	83	79	83	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
205UC5	82	87	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
206UC2	59	64	59	64	59	64	74	79	89	94	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
206UC3	64	68	64	68	64	68	79	83	94	98	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
206UC4	89	93	89	93	89	93	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
206UC5	94	98	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
207UC2	75	71	75	71	75	71	86	84	86	84	86	84	86	84	94	88	94	88	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
207UC3	86	82	86	82	86	82	97	95	97	95	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
207UC4	106	101	106	101	106	101	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
207UC5	114	109	114	109	114	109	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
208UC2	160	153	160	153	160	153	160	157	160	157	160	157	160	157	160	157	160	157	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
208UC3	157	154	157	154	157	154	164	161	164	161	164	161	164	161	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
208UC4	211	204	211	204	211	204	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
208UC5	218	210	218	210	218	210	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
09UC2	. . .	. . .	. . .	. . .	. . .	. . .	248	254	248	254	248	254	248	254	264	270	264	270	269	275	269	275	273	279	273	279
09UC3	280	286	280	286	280	286	280	286	280	286	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
09UC4	308	314	308	314	308	314	324	330	324	330	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
09UC5	330	336	330	336	330	336	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
10UC2	. . .	. . .	. . .	. . .	. . .	. . .	352	343	352	343	352	343	352	343	371	362	371	362	376	367	376	367	380	371	380	371
10UC3	. . .	. . .	. . .	. . .	. . .	. . .	394	385	394	385	394	385	394	385	410	401	410	401	415	406	415	406	419	410	419	410
10UC4	448	439	448	439	448	439	461	452	461	452	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
10UC5	492	483	492	483	492	483	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .

Continued on next page

DRIVE SIZE	Solid Input Shaft Gear Drive	
	Base	Flange
201UC2	18	19
201UC3	19	20
202UC2	26	29
202UC3	29	31
203UC2	26	29
203UC3	29	31
203UC4	47	49
203UC5	48	50
204UC2	49	51
204UC3	49	51
204UC4	73	77
204UC5	75	79
205UC2	49	53
205UC3	49	51
205UC4	77	82
205UC5	79	84
206UC2	60	64
206UC3	60	64
206UC4	88	93
206UC5	90	95

DRIVE SIZE	Solid Input Shaft Gear Drive	
	Base	Flange
207UC2	84	88
207UC3	86	90
207UC4	106	110
207UC5	108	112
208UC2	148	157
208UC3	163	172
208UC4	212	223
208UC5	212	220
09UC2	252	258
09UC3	272	278
09UC4	309	316
09UC5	377	284
10UC2	375	366
10UC3	395	286
10UC4	457	448
10UC5	499	490

Type UC – Approximate Shipping Weights – lb ★

DRIVE SIZE	Motor Frame Size																									
	56C		143TC		145TC		182TC		184TC		213TC		215TC		254TC		256TC		284TC		286TC		324TC		326TC	
	C-Face Drive With Mounted Motor																									
	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange	Base	Flange
201UC2	45	46	50	51	60	61	78	79	103	104	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
201UC3	49	48	54	53	64	63	82	81	107	106	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
202UC2	52	55	57	60	67	70	85	88	110	113	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
202UC3	56	59	61	64	71	74	89	92	114	117	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
203UC2	52	55	57	60	67	70	85	88	110	113	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
203UC3	56	59	61	64	71	74	89	92	114	117	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
203UC4	73	76	78	81	88	91	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
203UC5	76	79	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
204UC2	72	77	77	82	87	92	117	122	154	159	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
204UC3	77	81	82	86	92	96	122	126	159	163	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
204UC4	104	108	109	113	119	123	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
204UC5	107	112	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
205UC2	73	78	78	83	88	93	118	123	155	160	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
205UC3	77	81	82	86	92	96	122	126	159	163	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
205UC4	104	108	109	113	119	123	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
205UC5	107	112	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
206UC2	84	89	89	94	99	104	129	134	166	171	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
206UC3	89	93	94	98	104	108	134	138	171	175	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
206UC4	114	118	119	123	129	133	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
206UC5	119	123	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
207UC2	100	96	105	101	115	111	141	139	163	161	203	201	215	213	293	287	367	361	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
207UC3	111	107	116	112	126	122	152	150	174	172	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
207UC4	131	126	136	131	146	141	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
207UC5	139	134	144	139	154	149	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
208UC2	185	178	190	183	200	193	215	212	237	234	277	274	289	286	359	356	433	430	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
208UC3	182	179	187	184	197	194	219	216	241	238	281	278	293	290	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
208UC4	236	229	241	234	251	244	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
208UC5	243	235	248	240	258	250	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
09UC2	. . .	. . .	. . .	. . .	. . .	. . .	303	309	325	331	365	371	377	383	463	469	537	543	646	652	668	674	867	873	852	858
09UC3	305	311	310	316	320	326	335	341	357	363	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
09UC4	333	339	338	344	348	354	379	385	401	407	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
09UC5	355	361	360	366	370	376	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
10UC2	. . .	. . .	. . .	. . .	. . .	. . .	407	398	429	420	469	460	481	472	570	561	644	635	753	744	775	766	974	965	959	950
10UC3	. . .	. . .	. . .	. . .	. . .	. . .	449	440	471	462	511	502	523	514	609	600	683	674	792	783	814	805	1013	1004	998	989
10UC4	473	464	478	469	488	479	516	507	538	529	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
10UC5	517	508	522	513	532	523	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .

★ All weights exclude lubricant.

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