

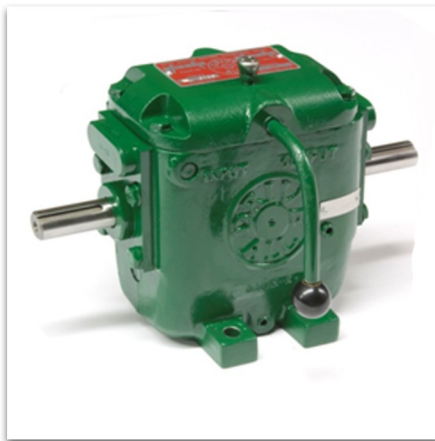
DRIVE ALL

INDUSTRIAL MULTI-SPEED GEARBOXES

Low Profile
Series



Upright Profile
Series



High Torque
Series



Drive-All Manufacturing History

Drive-All Manufacturing Co. was started in 1932 by Arthur Haskell in Detroit, MI. Mr. Haskell designed a multi-speed gearbox to replace the variable speeds created by a belt drive. Over the years Drive-All has experienced significant growth and now serves a global client base in a wide variety of industries.

Drive-All has become a leader in the design and manufacturing of multi-speed reducing, increasing, and reversing gearboxes. To date, Drive-All has manufactured over 2500 different models and employs an engineering department that can help you choose the one that best fits your application.

In 2005, Drive-All Manufacturing was purchased by the owners of Witco Inc., a CNC contract manufacturer. Witco is a Woman Owned, AS9100 certified precision machine shop. Witco specializes in providing innovative machining solutions for the medical, transportation, aerospace, defense, commercial and alternative energy industries.

Drive-All gearboxes are American Made and utilize the highest quality materials and manufacturing practices. By combining tested engineering with the technology of today Drive-All is able to produce high quality gearboxes at a reasonable cost.

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Gearbox Selection

Drive-All Multi-Speed Gearboxes are “Made in America” and are built to last. They are a mechanical device and do have a life expectancy. This life expectancy is most impacted by poor general maintenance, excessive overhung load (sideways pressure on input or output shaft), and overloading the gearbox. This section of the catalog is designed to help you choose the best gearbox for the intended application. After completing the steps below if you are not confident in your selection either visit our website www.driveallmfg.com or contact one of our Sales Representatives at: **800-689-3400**.

Step One: Driver

What is the horsepower of the application driver?

- Listed on data plate of the driver

Step Two: Driver Service Factor

What type of driver are you operating?

- Review Table 1 to determine the service factor of the type of driver

Step Three: Load Service Factor

What type of load is being driven and how many hours does it operate daily?

- Review Table 2 to determine the type of load that most closely matches your application and the hours of operation

Step Four: Design Horsepower

What is the design horsepower of the application?

- The answer to this question is the horsepower rating needed to determine the correct gearbox for your application
- Simply complete the calculation listed below:

Driver Horsepower X (Driver Service Factor (Table 1) + Load Service Factor (Table 2)) = Design Horsepower

Step Five: Choosing a Drive-All Gearbox

Which gearbox fits my application

- Review the Upright Profile, Low Profile, and High Torque section pages and match the calculated design horsepower to the correct unit.

Overhung Load = This condition is created when perpendicular pressure/tension is applied to the input/output shaft of the gearbox. Excessive Overhung Load will reduce the design capabilities of the gearbox and can severely shorten its life expectancy.

Table 1

Type of Driver	Service Factor Adjustment
Electric	0.00
Gas Turbine	0.00
Hydraulic	0.00
Multi-Cylinder Combustion	0.25
Single Cylinder Combustion	0.50
Steam	0.00

Table 2

Type of Load	Load Duration		
	Up to 3 Hours/day	3 to 10 Hours/day	Over 10 Hours/day
Agitators - Liquids - Variable Density	1.00	1.25	1.50
Agitators - Liquids and Solids	1.00	1.25	1.50
Agitators - Pure Liquids	1.00	1.00	1.25
Blowers - Centrifugal	1.00	1.00	1.25
Blowers - Lobe	1.00	1.25	1.50
Blowers - Vane	1.00	1.25	1.50
Brewing and Distilling - Bottling Machinery	1.00	1.00	1.25
Brewing and Distilling - Brew Kettles - Continuous Duty	1.25	1.25	1.25
Brewing and Distilling - Mash Tubs - Continuous Duty	1.25	1.25	1.25
Brewing and Distilling - Scale Hopper - Frequent Starts	1.25	1.25	1.25
Can Filling Machines	1.00	1.00	1.25
Car Dumpers	1.50	1.75	2.00
Car Pullers	1.00	1.25	1.50
Clarifiers	1.00	1.00	1.25
Classifiers	1.00	1.25	1.50
Clay Working Machinery - Brick Press	1.50	1.75	2.00
Clay Working Machinery - Briquette Machine	1.50	1.75	2.00
Clay Working Machinery - Pug Mill	1.00	1.75	1.50
Compactors	2.00	2.00	2.00
Compressors - Centrifugal	1.00	1.00	1.25
Compressors - Lobe	1.00	1.25	1.50
Compressors - Reciprocating, Multi-Cylinder	1.50	1.50	1.75
Compressors - Reciprocating, Single-Cylinder	1.75	1.75	2.00
Conveyors - General Purpose - Includes Apron, Assembly, Belt, Bucket, Chain, Flight, Oven and Screw - Heavy Duty - Not Uniformly Fed	1.00	1.25	1.50

Conveyors - General Purpose - Includes Apron, Assembly, Belt, Bucket, Chain, Flight, Oven and Screw - Severe Duty - Reciprocating or Shaker	1.50	1.75	2.00
Conveyors - General Purpose - Includes Apron, Assembly, Belt, Bucket, Chain, Flight, Oven and Screw - Uniformly Loaded or Fed	1.00	1.00	1.25
Cookers - Continuous Duty	1.25	1.25	1.25
Cranes - Container - Boom Hoist	2.00	2.00	2.00
Cranes - Container - Main Hoist	3.00	3.00	3.00
Cranes - Container - Trolley Drive - Gantry Drive	3.00	3.00	3.00
Cranes - Container - Trolley Drive - Traction Drive	2.00	2.00	2.00
Cranes - Dry Dock - Auxiliary Hoist	2.50	2.50	3.00
Cranes - Dry Dock - Boom Hoist	2.50	2.50	3.00
Cranes - Dry Dock - Main Hoist	2.50	2.50	2.50
Cranes - Dry Dock - Slewing Drive	2.50	2.50	3.00
Cranes - Dry Dock - Traction Drive	3.00	3.00	3.00
Cranes - Industrial Duty - Auxiliary	2.50	2.50	3.00
Cranes - Industrial Duty - Bridge	2.50	3.00	3.00
Cranes - Industrial Duty - Main Hoist	2.50	2.50	3.00
Cranes - Industrial Duty - Trolley Travel	2.50	3.00	3.00
Cranes - Mill Duty - Auxiliary Hoist	3.50	3.50	3.50
Cranes - Mill Duty - Bridge	2.50	3.00	3.00
Cranes - Mill Duty - Main Hoist	3.50	3.50	3.50
Cranes - Mill Duty - Trolley Travel	2.50	3.00	3.00
Crusher - Stone or Ore	1.75	1.75	2.00
Dredges - Cable Reels	1.25	1.25	1.50
Dredges - Conveyors	1.25	1.25	1.50
Dredges - Cutter Head Drives	2.00	2.00	2.00
Dredges - Pumps	2.00	2.00	2.00
Dredges - Screen Drives	1.75	1.75	2.00
Dredges - Stackers	1.25	1.25	1.50
Dredges - Winches	1.25	1.25	1.50
Dry Dock			
Elevators - Bucket	1.00	1.25	1.50
Elevators - Centrifugal Discharge	1.00	1.00	1.25
Elevators - Escalators	1.00	1.00	1.25
Elevators - Freight	1.00	1.25	1.50
Elevators - Gravity Discharge	1.00	1.00	1.25
Extruders - General	1.50	1.50	1.50
Extruders - Plastics - Fixed Speed Drive	1.75	1.75	1.75
Extruders - Plastics - Variable Speed Drive	1.50	1.50	1.50
Extruders - Rubber - Continuous Screw Operation	1.75	1.75	1.75
Extruders - Rubber - Intermittent Screw Operation	1.75	1.75	1.75
Fans - Centrifugal	1.00	1.00	1.25
Fans - Cooling Towers	2.00	2.00	2.00
Fans - Forced Draft	1.25	1.25	1.25
Fans - Induced Draft	1.50	1.50	1.50

Fans - Industrial & Mine	1.50	1.50	1.50
Feeders - Apron	1.00	1.25	1.50
Feeders - Belt	1.00	1.25	1.50
Feeders - Disc	1.00	1.00	1.25
Feeders - Reciprocating	1.50	1.75	2.00
Feeders - Screw	1.00	1.25	1.50
Food Industry - Cereal Cooker	1.00	1.00	1.25
Food Industry - Dough Mixer	1.25	1.25	1.50
Food Industry - Meat Grinders	1.25	1.25	1.50
Food Industry - Slicers	1.25	1.25	1.50
Generators and Exciters	1.00	1.00	1.25
Hammer Mills	1.75	1.75	2.00
Hoists - Heavy Duty	1.75	1.75	2.00
Hoists - Medium Duty	1.25	1.25	1.50
Hoists - Skip Hoist	1.25	1.25	1.50
Laundry - Tumblers	1.25	1.25	1.50
Laundry - Washers	1.50	1.50	2.00
Lumber Industry - Barkers - Main Drive	1.75	1.75	1.75
Lumber Industry - Barkers - Spindle Feed	1.25	1.25	1.50
Lumber Industry - Chains - Floor	1.50	1.50	1.50
Lumber Industry - Chains - Green	1.50	1.50	1.75
Lumber Industry - Conveyors - Burner	1.25	1.25	1.50
Lumber Industry - Conveyors - Main Log	1.75	1.75	2.00
Lumber Industry - Conveyors - Main or Heavy Duty	1.50	1.50	1.50
Lumber Industry - Conveyors - Re-Saw, Merry-Go-Round	1.25	1.25	1.50
Lumber Industry - Cut-Off Saws - Chain	1.50	1.50	1.75
Lumber Industry - Cut-Off Saws - Drag	1.50	1.50	1.75
Lumber Industry - Debarking Drums	1.75	1.75	2.00
Lumber Industry - Feeds - Edger	1.25	1.25	1.50
Lumber Industry - Feeds - Gang	1.75	1.75	1.75
Lumber Industry - Feeds - Trimmer	1.25	1.25	1.50
Lumber Industry - Log Deck	1.75	1.75	1.75
Lumber Industry - Log Hauls - Incline - Well Type	1.75	1.75	1.75
Lumber Industry - Log Turning Devices	1.75	1.75	1.75
Lumber Industry - Planer Feed	1.25	1.25	1.50
Lumber Industry - Planer Tilting Hoists	1.50	1.50	1.50
Lumber Industry - Rolls - Live-Off Bearing - Roll Cases	1.75	1.75	1.75
Lumber Industry - Sorting Table	1.25	1.25	1.50
Lumber Industry - Tipple Hoist	1.25	1.25	1.50
Lumber Industry - Transfers - Chain	1.50	1.50	1.75
Lumber Industry - Transfers - Craneway	1.50	1.50	1.75
Lumber Industry -Conveyors - Slab	1.75	1.75	2.00
Lumber Industry -Conveyors - Transfer	1.25	1.25	1.50
Lumber Industry -Tray Drives	1.25	1.25	1.50
Lumber Industry - Veneer Lathe Drives	1.25	1.25	1.50
Metal Mills - Draw Bench Carriage and Main Drive	1.25	1.25	1.50
Metal Mills - Runout Table - Non-Reversing - Group Drives	1.50	1.50	1.50

Metal Mills - Runout Table - Non-Reversing - Individual Drives	2.00	2.00	2.00
Metal Mills - Runout Table - Reversing	2.00	2.00	2.00
Metal Mills -Shears	2.00	2.00	2.00
Metal Mills - Slab Pushers	1.50	1.50	1.50
Metal Mills - Wire Drawing	1.25	1.25	1.50
Metal Mills - Wire Winding Machine	1.25	1.50	1.50
Metal Strip Processing Machinery - Bridles	1.25	1.25	1.50
Metal Strip Processing Machinery - Coilers & Uncoilers	1.00	1.00	1.25
Metal Strip Processing Machinery - Edge Trimmers	1.00	1.25	1.50
Metal Strip Processing Machinery - Flatteners	1.25	1.25	1.50
Metal Strip Processing Machinery - Loopers (Accumulators)	1.00	1.00	1.25
Metal Strip Processing Machinery - Pinch Rolls	1.25	1.25	1.50
Metal Strip Processing Machinery - Scrap Choppers	1.25	1.25	1.50
Metal Strip Processing Machinery - Shears	2.00	2.00	2.00
Metal Strip Processing Machinery - Slitters	1.00	1.25	1.50
Mills, Rotary Type - Ball & Rod - Direct Connected	2.00	2.00	2.00
Mills, Rotary Type - Ball & Rod - Helical Ring Gear	1.50	1.50	1.50
Mills, Rotary Type - Ball & Rod - Spur Ring Gear	2.00	2.00	2.00
Mills, Rotary Type - Cement Kilns	1.50	1.50	1.50
Mills, Rotary Type - Dryers & Coolers	1.50	1.50	1.50
Mixers - Concrete	1.25	1.25	1.50
Paper Mills - Agitator (Mixer)	1.50	1.50	1.50
Paper Mills - Agitator for Pure Liquors	1.25	1.25	1.25
Paper Mills - Barkers - Mechanical	2.00	2.00	2.00
Paper Mills - Barking Drums	2.00	2.00	2.00
Paper Mills - Beater	1.50	1.50	1.50
Paper Mills - Breaker Stack	1.25	1.25	1.25
Paper Mills - Calender	1.25	1.25	1.25
Paper Mills - Chip Feeder	1.50	1.50	1.50
Paper Mills - Chipper	2.00	2.00	2.00
Paper Mills - Coating Rolls	1.25	1.25	1.25
Paper Mills - Conveyors - Chip, Bark, Chemical	1.25	1.25	1.25
Paper Mills - Conveyors - Log (Including Slab)	2.00	2.00	2.00
Paper Mills - Couch Rolls	1.25	1.25	1.25
Paper Mills - Cutter	2.00	2.00	2.00
Paper Mills - Cylinder Molds	1.25	1.25	1.25
Paper Mills - Dryers - Conveyor Type	1.25	1.25	1.25
Paper Mills - Dryers - Paper Machine	1.25	1.25	1.25
Paper Mills - Embosser	1.25	1.25	1.25
Paper Mills - Extruder	1.50	1.50	1.50
Paper Mills - Fourdrinier Rolls (Includes Lump Breaker, Dandy Roll, Wire Turning, and Return Rolls)	1.25	1.25	1.25
Paper Mills - Jordan	1.50	1.50	1.50
Paper Mills - Kiln Drive	1.50	1.50	1.50
Paper Mills - Mt. Hope Roll	1.25	1.25	1.25
Paper Mills - Paper Rolls	1.25	1.25	1.25
Paper Mills - Platter	1.50	1.50	1.50

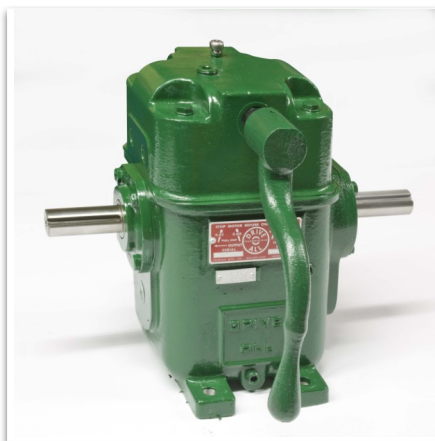
Paper Mills - Presses - Felt & Suction	1.25	1.25	1.25
Paper Mills - Pulper	2.00	2.00	2.00
Paper Mills - Pumps- Vacuum	1.50	1.50	1.50
Paper Mills - Reel (Surface Type)	1.25	1.25	1.25
Paper Mills - Screens - Chip	1.50	1.50	1.50
Paper Mills - Screens - Rotary	1.50	1.50	1.50
Paper Mills - Screens - Vibrating	2.00	2.00	2.00
Paper Mills - Size Press	1.25	1.25	1.25
Paper Mills - Super Calender	1.25	1.25	1.25
Paper Mills - Thickener (AC Motor)	1.50	1.50	1.50
Paper Mills - Thickener (DC Motor)	1.25	1.25	1.25
Paper Mills - Washer (AC Motor)	1.50	1.50	1.50
Paper Mills - Washer (DC Motor)	1.25	1.25	1.25
Paper Mills - Wind and Unwind Stand	1.00	1.00	1.00
Paper Mills - Winders (Surface Type)	1.25	1.25	1.25
Paper Mills - Yankee Dryers	1.25	1.25	1.25
Plastics Industry - Primary Processing - Batch Drop Mill - 2 Smooth Rolls	1.25	1.25	1.25
Plastics Industry - Primary Processing - Calenders	1.50	1.50	1.50
Plastics Industry - Primary Processing - Compounding Mill	1.25	1.25	1.25
Plastics Industry - Primary Processing - Continuous Feed, Holding & Blend Mill	1.25	1.25	1.25
Plastics Industry - Primary Processing - Intensive Internal Mixers - Batch Mixers	1.75	1.75	1.75
Plastics Industry - Primary Processing - Intensive Internal Mixers - Continuous Mixers	1.50	1.50	1.50
Plastics Industry - Secondary Processing - Blow Molders	1.50	1.50	1.50
Plastics Industry - Secondary Processing - Coating	1.25	1.25	1.25
Plastics Industry - Secondary Processing - Film	1.25	1.25	1.25
Plastics Industry - Secondary Processing - Pipe	1.25	1.25	1.25
Plastics Industry - Secondary Processing - Pre-Plasticizers	1.50	1.50	1.50
Plastics Industry - Secondary Processing - Rods	1.25	1.25	1.25
Plastics Industry - Secondary Processing - Sheet	1.25	1.25	1.25
Plastics Industry - Secondary Processing - Tubing	1.25	1.25	1.50
Pullers - Barge Haul	1.25	1.25	1.50
Pumps - Centrifugal	1.00	1.00	1.25
Pumps - Proportioning	1.25	1.25	1.50
Pumps - Reciprocating - Double Acting, 2 or More Cylinders	1.25	1.25	1.50
Pumps - Reciprocating - Single Acting, 3 or More Cylinders	1.25	1.25	1.50
Pumps - Rotary - Gear Type	1.00	1.00	1.25
Pumps - Rotary - Lobe	1.00	1.00	1.25
Pumps - Rotary - Vane	1.00	1.00	1.25
Rubber Industry - Batch Drop Mill - 2 Smooth Rolls	1.50	1.50	1.50
Rubber Industry - Calenders	1.50	1.50	1.50
Rubber Industry - Cracker - 2 Corrugated Rolls	2.00	2.00	2.00
Rubber Industry - Cracker Warmer - 2 Rolls; 1 Corrugated Roll	1.75	1.75	1.75
Rubber Industry - Holding, Feed & Blend Mill - 2 Rolls	1.25	1.25	1.25

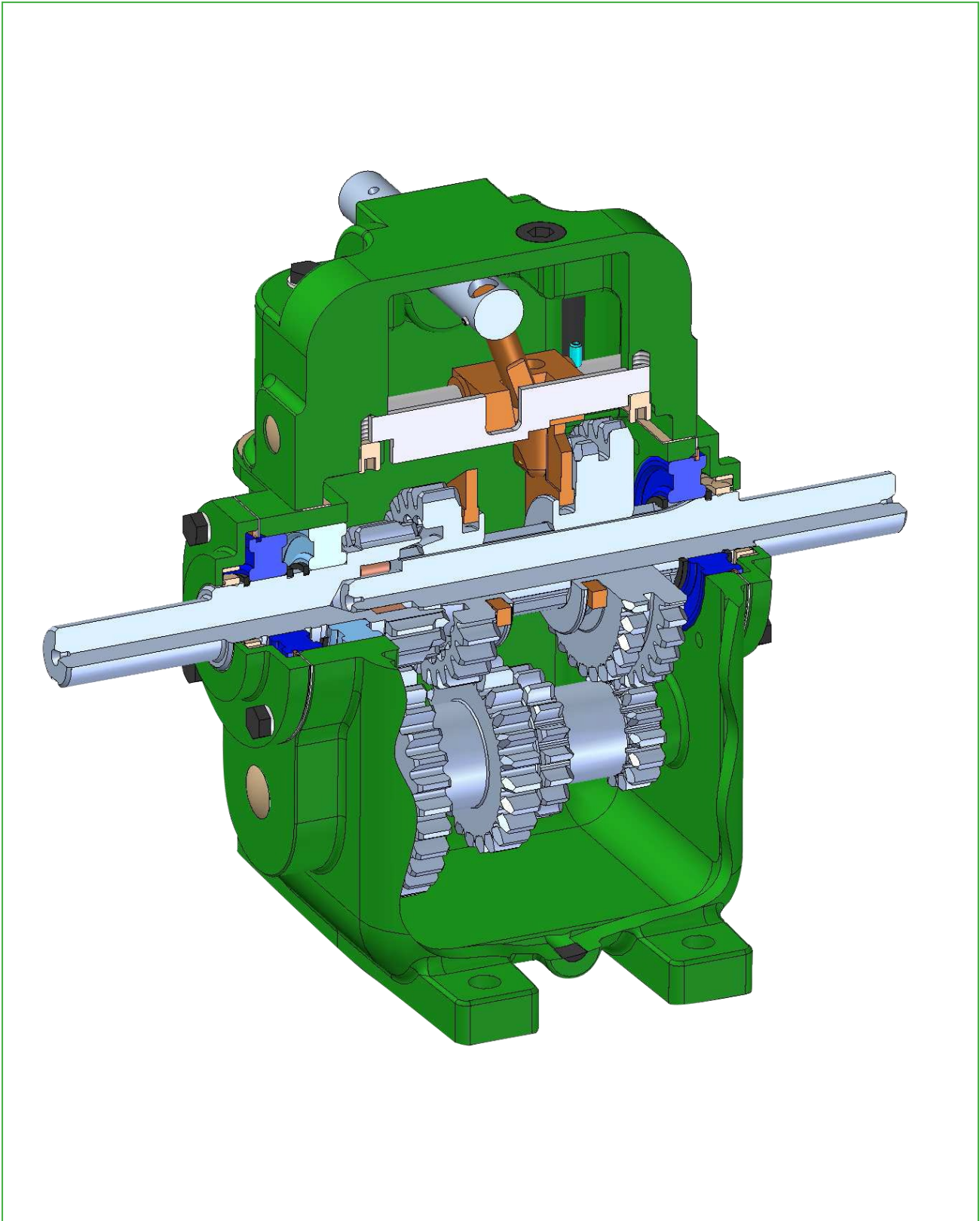
Rubber Industry - Intensive Internal Mixers - Batch Mixers	1.75	1.75	1.75
Rubber Industry - Intensive Internal Mixers - Continuous Mixers	1.50	1.50	1.50
Rubber Industry - Mixing Mill - 2 Smooth Rolls (If corrugated rolls are used, then use the same service factors that are used for a Cracker Warmer)	1.50	1.50	1.50
Rubber Industry - Refiner - 2 Rolls	1.50	1.50	1.50
Sand Muller	1.25	1.25	1.50
Screens - Air Washing	1.00	1.00	1.25
Screens - Rotary - Stone or Gravel	1.25	1.25	1.50
Screens - Traveling Water Intake	1.00	1.00	1.25
Sewage Disposal Equipment - Bar Screens	1.25	1.25	1.25
Sewage Disposal Equipment - Chemical Feeders	1.25	1.25	1.25
Sewage Disposal Equipment - Dewatering Screens	1.50	1.50	1.50
Sewage Disposal Equipment - Scum Breakers	1.50	1.50	1.50
Sewage Disposal Equipment - Slow or Rapid Mixers	1.50	1.50	1.50
Sewage Disposal Equipment - Sludge Collectors	1.25	1.25	1.25
Sewage Disposal Equipment - Thickeners	1.50	1.50	1.50
Sewage Disposal Equipment - Vacuum Filters	1.50	1.50	1.50
Sugar Industry - Beet Slicer	2.00	2.00	2.00
Sugar Industry - Cane Knives	1.50	1.50	1.50
Sugar Industry - Crushers	1.50	1.50	1.50
Sugar Industry - Mills (Low Speed End)	1.75	1.75	1.75
Textile Industry - Bachers	1.25	1.25	1.50
Textile Industry - Calenders	1.25	1.25	1.50
Textile Industry - Cards	1.25	1.25	1.50
Textile Industry - Dry Cans	1.25	1.25	1.50
Textile Industry - Dryers	1.25	1.25	1.50
Textile Industry - Dyeing Machinery	1.25	1.25	1.50
Textile Industry - Looms	1.25	1.25	1.50
Textile Industry - Mangles	1.25	1.25	1.50
Textile Industry - Nappers	1.25	1.25	1.50
Textile Industry - Pads	1.25	1.25	1.50
Textile Industry - Slashers	1.25	1.25	1.50
Textile Industry - Soapers	1.25	1.25	1.50
Textile Industry - Spinners	1.25	1.25	1.50
Textile Industry - Tenter Frames	1.25	1.25	1.50
Textile Industry - Washers	1.25	1.25	1.50
Textile Industry - Winders	1.25	1.25	1.50

DRIVE ALL

INDUSTRIAL MULTI-SPEED GEARBOXES

Upright Profile Series





Upright Profile Series

The Upright Profile series is our most popular. This product line offers tremendous flexibility with capacities ranging from fractional to 50 horsepower at a very reasonable cost.

Drive-All Upright Profile standard models offer:

- 4 different speeds
- Input and output shafts rotate in the same direction
- Shafts are bi-directional (can rotate either clockwise or counterclockwise)
- can be utilized as an increaser or a reducer (maximum of 1800 RPM)

Drive-All has created hundreds of different models over the years. The models listed above have historically been the best selling in this series and are available to be shipped within 5 business days or less. If you would like information in regards to additional models that have been previously engineered and built please visit the Drive-All website listed below.

Drive-All Multi-Speed Gearboxes are designed to provide years of reliable service. In order to achieve the anticipated life expectancy it is imperative the gearbox installed is sized correctly and maintained properly. In order to verify which gearbox is the best fit for your application, receive information about proper maintenance, or request a quote, please visit the Drive-All website or contact one of our sales representatives at:

www.driveallmfg.com
1-800-689-3400

Model	Max. Input Hp	Max. Input Torque	Ratios
U0100STD	1	35 in. lbs	1:1
			1.722:1
			2.985:1
			4.054:1
U0200STD	2	70 in. lbs.	1:1
			1.824:1
			3.039:1
			4.012:1
U0200-1391	2	70 in. Lbs.	1:1
			2.000:1
			4.000:1
			6.000:1
U0200-2385	2	70 in. lbs.	1:1
			2.000:1
			4.000:1
			6.000:1
U0500STD	5	175 in. lbs.	1:1
			1.824:1
			3.039:1
			4.012:1
U0500-0936	5	175 in. lbs.	1:1
			2.000:1
			4.000:1
			6.000:1
U0500HD	10	350 in. lbs.	1:1
			1.824:1
			3.039:1
			4.012:1
U0500HD-0936	10	350 in. lbs.	1:1
			2.000:1
			4.000:1
			6.000:1
U1000STD	30	1050 in. lbs.	1:1
			1.686:1
			3.092:1
			6.398:1
U1000-0944	30	1050 in. lbs.	1:1
			2.000:1
			4.000:1
			6.000:1
U1050STD	50	1750 in. lbs.	1:1
			1.686:1
			3.092:1
			6.398:1

*All gearboxes rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

U0100STD

(Ratios = 1:1, 1.722:1, 2.985:1, 4.054:1)
(Input Shaft Diameter = .75" - Output Shaft Diameter = .75")



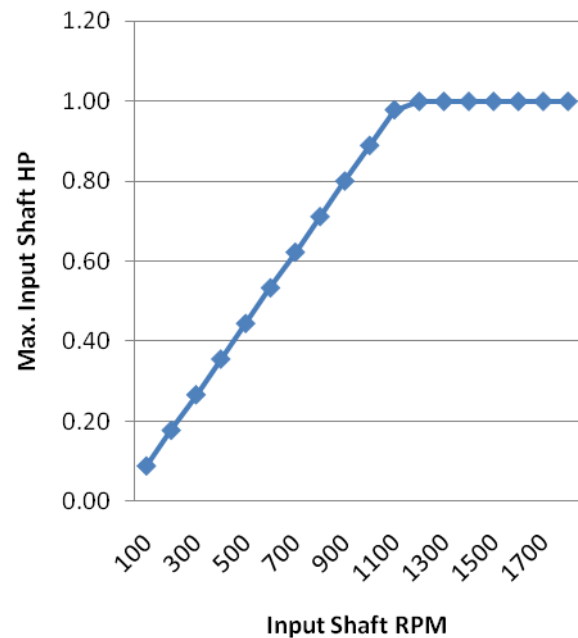
First in our series of Upright Models is the U0100STD. This compact model is capable of fractional to 1 horsepower. It is the smallest of the standard models in physical stature with an overall length less than 12" and a width just over 5". This model offers 4 different speeds and the housing is cast with light weight aluminum alloy. If you would like additional information about the U0100STD please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

Previous Applications Include: Radar Tower Positioning and Printing Machines

Horsepower and Torque Rating

Input Speed	*Max. Input Hp**	Max. Input Torque
100	0.09	75
200	0.18	73
300	0.27	70
400	0.36	68
500	0.45	65
600	0.53	63
700	0.62	60
800	0.71	58
900	0.80	55
1000	0.89	53
1100	0.98	50
1200	1.00	48
1300	1.00	45
1400	1.00	43
1500	1.00	40
1600	1.00	38
1700	1.00	35
1800	1.00	35

U0100STD MAX. Input HP vs. Input Shaft RPM



*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

U0100STD 4-SPEED GEARBOX [MANUAL SHIFT]

1 HP MAXIMUM
35 IN LBS MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 20 LBS.

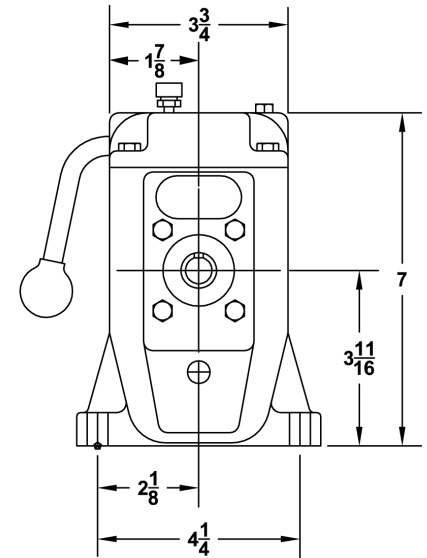
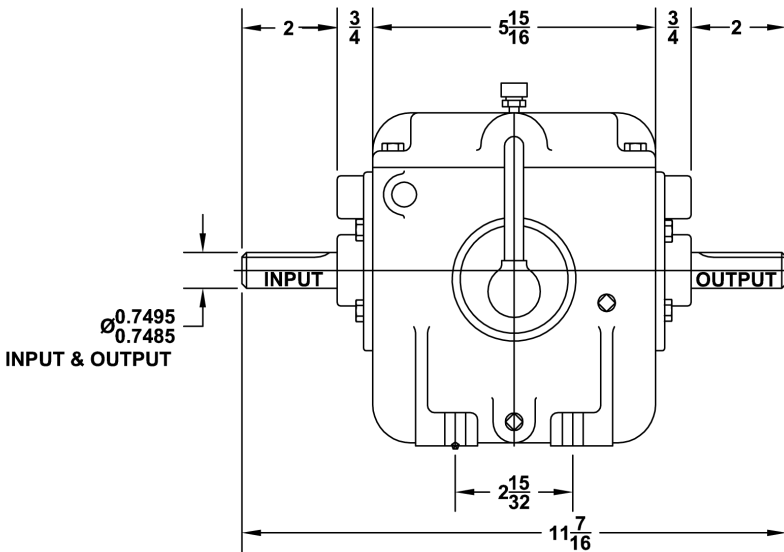
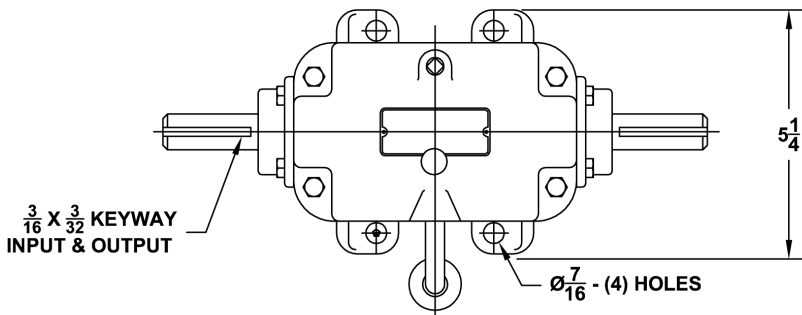
RATIOS

1.000	1.722	2.985	4.054
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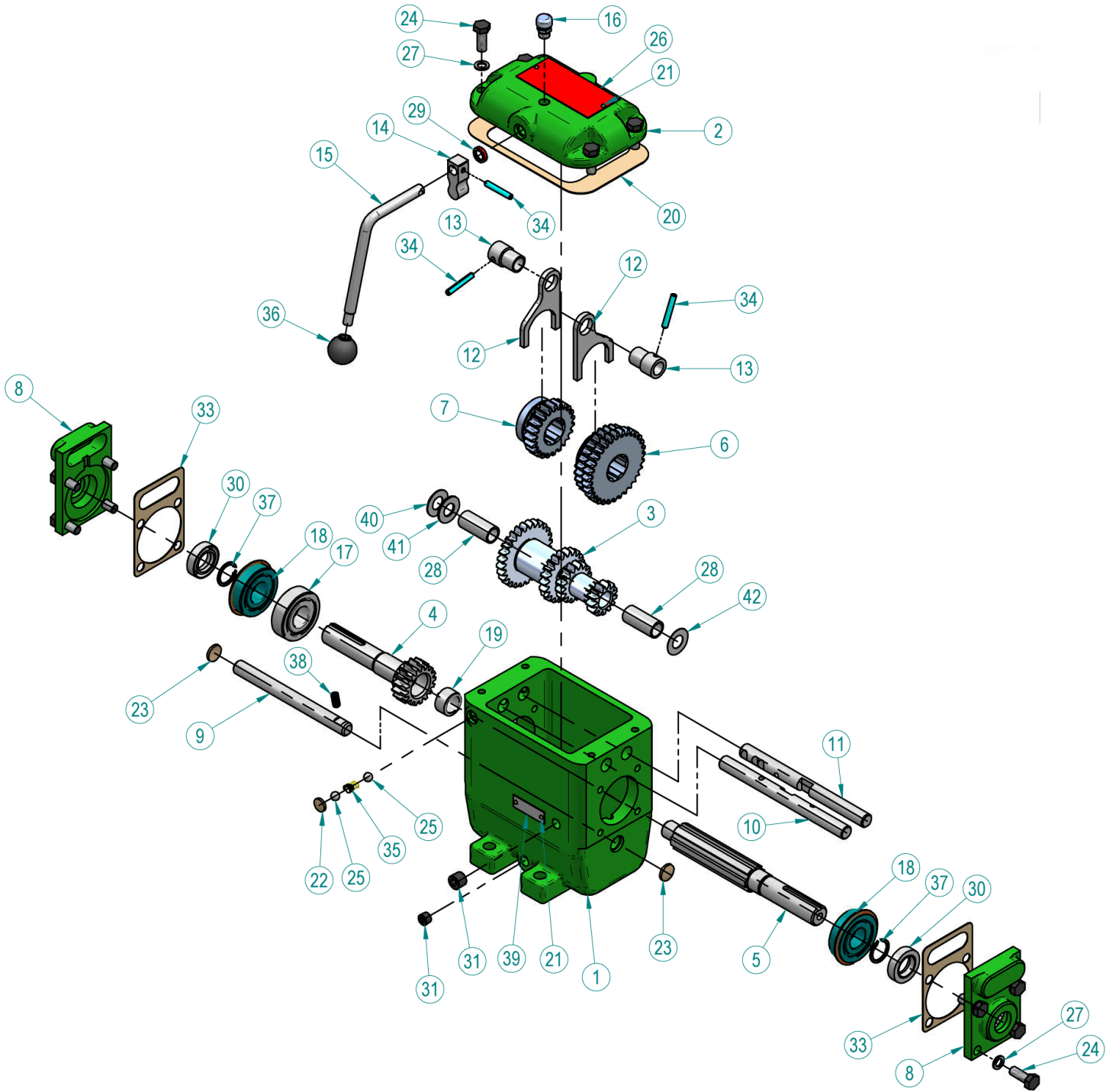
CONTACT SALES REPRESENTATIVES @ 800-689-3400
CUSTOM RATIO & SHAFT DESIGN ARE AVAILABLE

- OVERUNG LOAD CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- INPUT AND OUTPUT SHAFTS ROTATE IN THE SAME DIRECTION
- AVAILABLE AS A REDUCER OR INCREASER
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



U0100STD



Drive-All Manufacturing (U0100STD Parts List)

Item	Part Number	Description	Qty Per
1	U0001-01	Housing (Not sold as a separate part)	1
2	U0001-02	Cover (Not sold as a separate part)	1
3	U0001-03	Cluster Gear	1
4	U0001-04	Pinion	1
5	U0001-05	Spline	1
6	U0001-06	Double Gear	1
7	U0001-07	Single Gear	1
8	U0001-20	Retainer Plate	2
9	U0001-21	Counter Shaft	1
10	U0001-10	Shifter Rod	1
11	U0001-11	Shifter Rod	1
12	U0001-89	Shifter Fork Prong	2
13	U0001-13A	Shifter Fork Bushing	2
14	U0001-14	Shifter Finger	1
15	U0001-15	Shifter Handle	1
16	VBH005	Breather 1/8	1
17	VBR105	Bearing	1
18	VBR110	Bearing w/Snap Ring	2
19	VCB045	Cage Bearing (Presd Plt)	1
20	VCG015	Cover Gasket DAU100	1
21	VDS005	Drive Screw Kalon #2 3/16	4
22	VEP005	Expansion Plug 1/2	1
23	VEP010	Expansion Plug 5/8	2
24	VHH005	Hex Hd Cap Scr 5/16-18 x 7/8	12
25	VLP005	Shifter Lock Poppet	2
26	VNM035	Name Plate 100 DAU	1
27	VNW005	Nylon Washer 5/16	12
28	VOB010	Oilite Bearing	2
29	VOS010	Oil Seal	1
30	VOS105	Oil Seal	2
31	VPP005	Pipe Plug 1/8 NPT	2
32	VPP010	Pipe Plug 1/4 NPT (Discontinued)	
33	VRG005	Retainer Gasket DAU 100	2
34	VRP015	Roll Pin 3/16 x 1 1/4	3
35	VSG005	Shifter Lock Spring DAU 100	1
36	VSK005	Shifter Knob 1" (5/16-24)	1
37	VSR005	Snap Ring	2
38	VSS010	Set Screw 1/4-20 x 1/2	1
39	VTG005	Blank Oil Level Roemer	2
40	VTW025	Thrust Washer 1/2 x 1/32	1
41	VTW020	Thrust Washer 1/2 x 1/16	1
42	VTW030	Thrust Washer 1/2 x 1/64	1
	U0100STD-RBK	Rebuild Kit - Includes all items in red	1



U0200STD

(Ratios = 1:1, 1.824:1, 3.039:1, 4.012:1)
(Input Shaft Diameter = 1.0" - Output Shaft Diameter = 1.0")

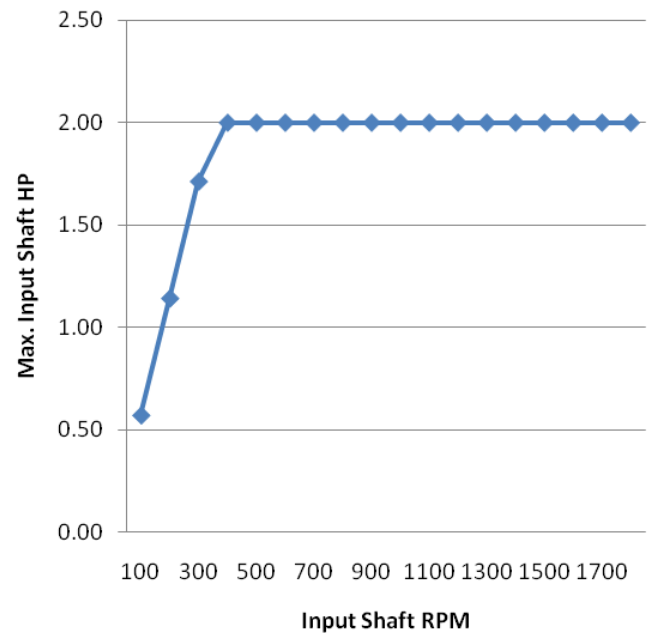
The U0200STD is one of the most popular Drive-All models. It offers a compact footprint and can transmit up to 2 horsepower at 1800 rpm. It is assembled with a lightweight aluminum housing and is less than 15" long with a width just over 9". It offers 4 different speeds and the handle can be attached on either side. The shafts of the U0200STD rotate in the same direction and the unit can be utilized as an increaser or reducer. If you would like additional information about the U0200STD please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

Previous applications include: Portable Wire Winders, Fish Hatcheries, Bulk Food Processing, and Insulation Blowers

Horsepower and Torque Rating

Input Speed	*Max. Input Hp**	Max. Input Torque
100	0.57	375
200	1.14	350
300	1.71	325
400	2.00	300
500	2.00	252
600	2.00	210
700	2.00	180
800	2.00	158
900	2.00	140
1000	2.00	126
1100	2.00	115
1200	2.00	105
1300	2.00	97
1400	2.00	90
1500	2.00	84
1600	2.00	79
1700	2.00	74
1800	2.00	70

U0200STD MAX. Input HP vs. Input Shaft RPM



*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

U0200STD 4-SPEED GEARBOX [MANUAL SHIFT]

2 HP MAXIMUM
70 IN LBS MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 42 LBS.

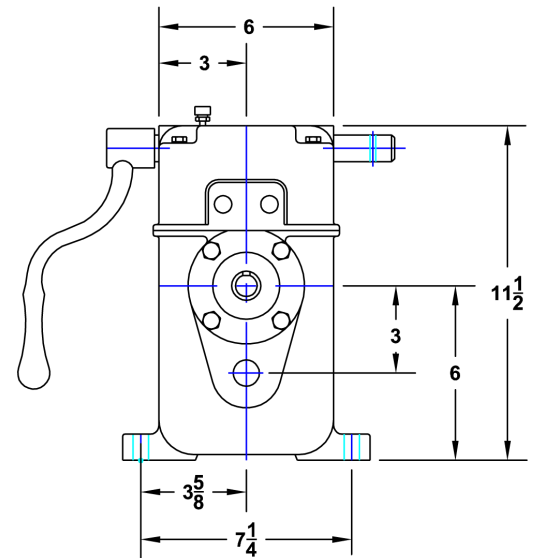
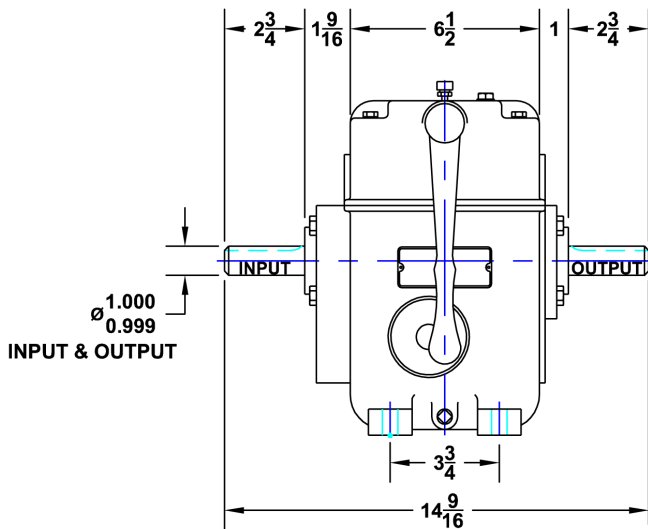
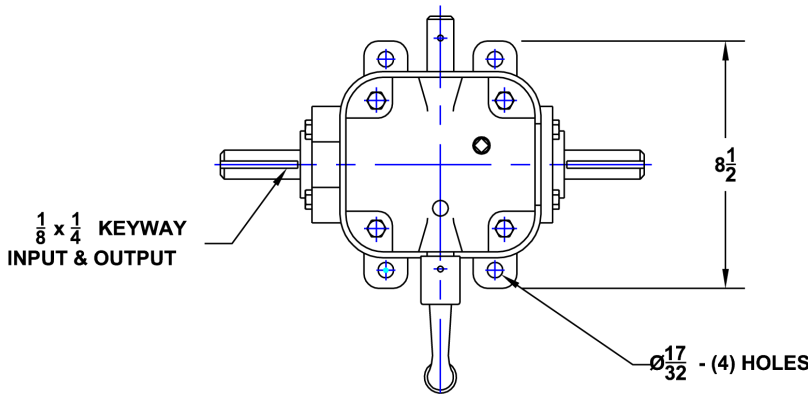
RATIOS

1.000	1.824	3.039	4.012
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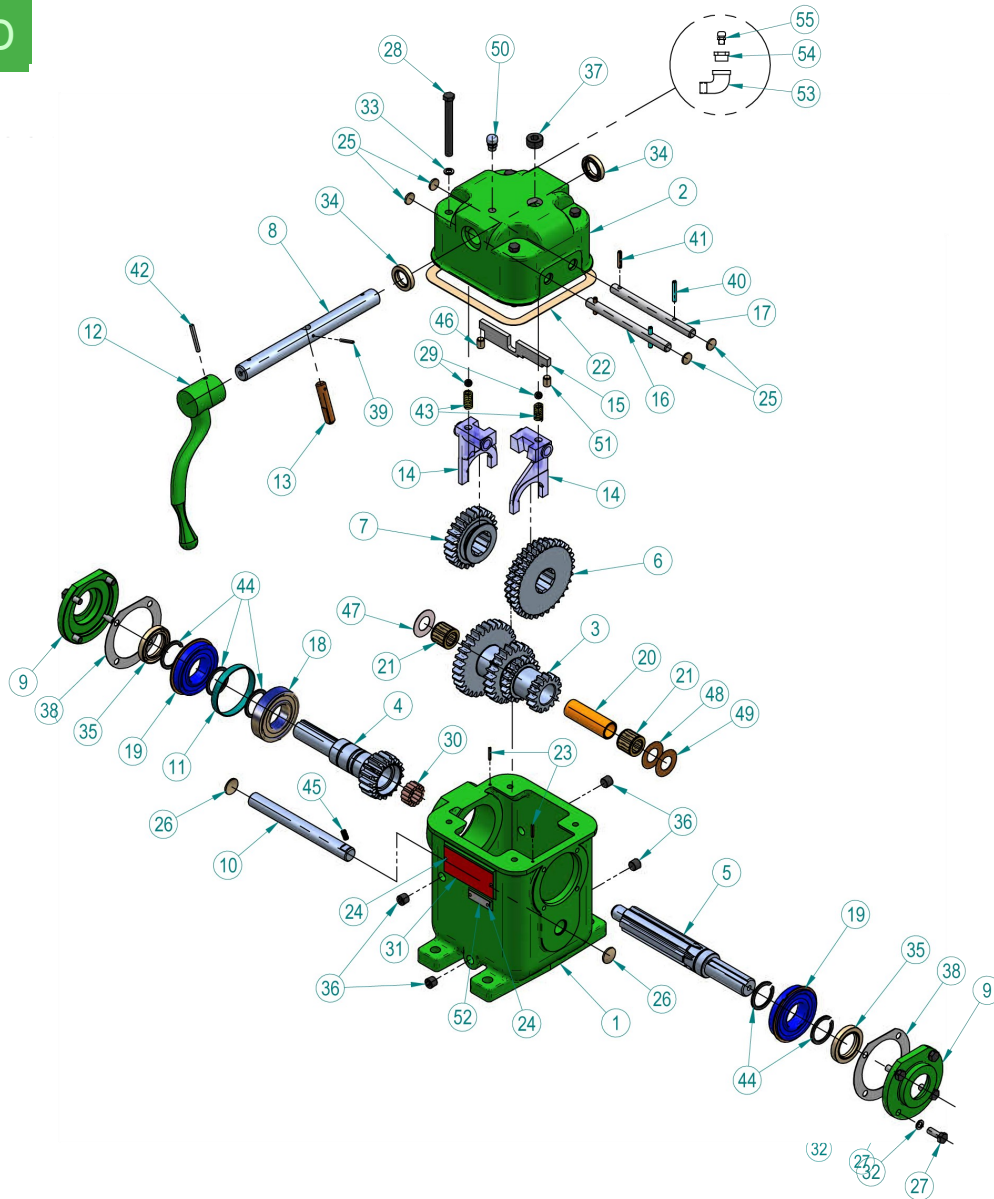
CONTACT SALES REPRESENTATIVES @ 800-689-3400
CUSTOM RATIO & SHAFT DESIGN ARE AVAILABLE

- OVERUNG LOAD CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- INPUT AND OUTPUT SHAFTS ROTATE IN THE SAME DIRECTION
- AVAILABLE AS A REDUCER OR INCREASER
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



U0200STD



DRIVE-ALL MANUFACTURING (U0200STD PARTS LIST)

Item	Part Number	Description	Qty Per
1	U0008-01	Housing (Not sold as a separate part)	1
2	U0008-02	Cover (Not sold as a separate part)	1
3	U0008-03	Cluster Gear	1
4	U0008-04	Pinion	1
5	U0008-05	Spline	1
6	U0008-06	Double Gear	1
7	U0008-07	Single Gear	1
8	U0008-15	Shifter Shaft	1

9	U0008-20	Retainer Plate	2
10	U0008-21	Counter Shaft	1
11	U0008-23	Bearing Spacer (Discontinued on new models)	
12	U0008-37	Shifter Handle	1
13	U0008-53	Shifter Finger	1
14	U0015-14	Shifter Fork	2
15	U0718-50	Shifter Guide Bar	1
16	U0015-51	Shifter Rod HI	1
17	U0015-52	Shifter Rod Low	1
18	VBR125	Bearing 6207	1
19	VBR130	Bearing W/Snap Ring	2
20	VBS005	Bearing Spacer (U0008-38)	1
21	VCB010	Cage Bearing	2
22	VCG020	Cover Gasket DAU 200	1
23	VDP005	Dowel Pin 1/8x3/4	2
24	VDS005	Drive Screw Kalon #2 3/16	8
25	VEP010	Expansion Plug 5/8	4
26	VEP015	Expansion Plug 7/8	2
27	VHH005	Hex HD Cap Screw 5/16-18x7/8	8
28	VHH055	Hex HD Cap Screw 3/8-16x3 1/4	4
29	VLB005	Shifter Lock Ball	2
30	VNB005	Needle Bearing	14
31	VNM010	Name Plate 200/500 F/U Set	1
32	VNW005	Nylon Washer 5/16	8
33	VNW010	Nylon Washer 3/8	4
34	VOS115	Oil Seal	2
35	VOS130	Oil Seal	2
36	VPP010	Pipe Plug 1/4 NPT Dry Seal	4
37	VPP020	Pipe Plug 1/2 NPT Dry Seal	1
38	VRG010	Retainer Gasket DAU 200/500	2
39	VRP005	Roll Pin 1/8 x 1	1
40	VRP010	Roll Pin 3/16 x 1	2
41	VRP015	Roll Pin 3/16 x 1 1/4	2
42	VRP020	Roll Pin 3/16 X1 1/2	1
43	VSG010	Lock Spring 200/500	2
44	VSR010	Snap Ring	5
45	VSS010	Set Screw 1/4-20x1/2	1
46	VSS040	Set Screw 3/8-16x1/2	1
47	VTW035	Thrust Washer 25/32x1/16	2
48	VTW040	Thrust Washer 25/32x1/32	2
49	VTW045	Thrust Washer 25/32x1/64	2
50	VBH005	Breather 1/8	1
51	VSS035	Set Screw 3/8-16x3/8	1
52	VTG005	Blank Oil Level Roemer	2
53		Not applicable to this model.	
54		Not applicable to this model.	
55		Not applicable to this model.	
	U0200STD-RBK	Rebuild Kit - Includes all items in red	1



U0200-1391

(Ratios = 1:1, 2:1, 4:1, 6:1)

(Input Shaft Diameter = 1.00" – Output Shaft Diameter = 1.00")

The U0200-1391 shares the same lightweight aluminum alloy casing as the more popular U0200STD model. The difference between the two models is the ratios. The U0200-1391 offers a compact footprint and can transmit up to 2 horsepower at 1800 rpm. This model offers 4 different speeds, has an overall length less than 15" with a width just over 9", and the handle can be installed on either side. The shafts of the U0200-1391 rotate in the same direction and the unit can be utilized as an increaser or reducer. If you would like additional information about the U0200-1391 please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at:

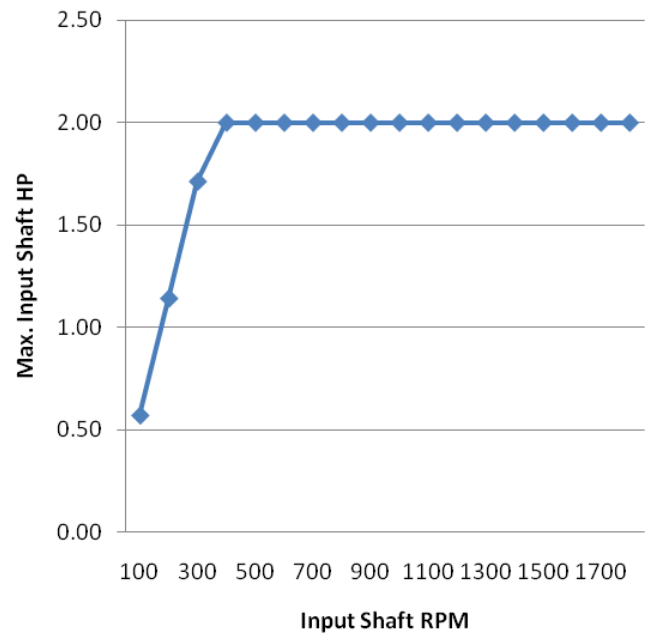
www.driveallmfg.com

Previous application include: Portable Wire Winders, Fish Hatcheries, Bulk Food Processing, and Insulation Blowers

Horsepower and Torque Rating

Input Speed	*Max. Input Hp**	Max. Input Torque
100	0.57	375
200	1.14	350
300	1.71	325
400	2.00	300
500	2.00	252
600	2.00	210
700	2.00	180
800	2.00	158
900	2.00	140
1000	2.00	126
1100	2.00	115
1200	2.00	105
1300	2.00	97
1400	2.00	90
1500	2.00	84
1600	2.00	79
1700	2.00	74
1800	2.00	70

U0200-1391 MAX. Input HP vs. Input Shaft RPM



*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

U0200-1391 4-SPEED GEARBOX [MANUAL SHIFT]

2 HP MAXIMUM
70 IN LBS MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 42 LBS.

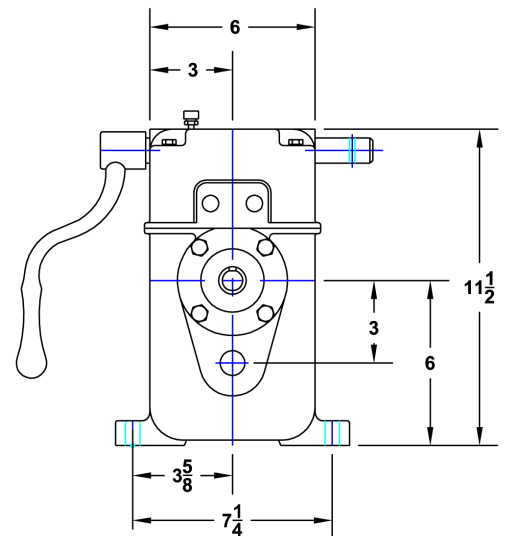
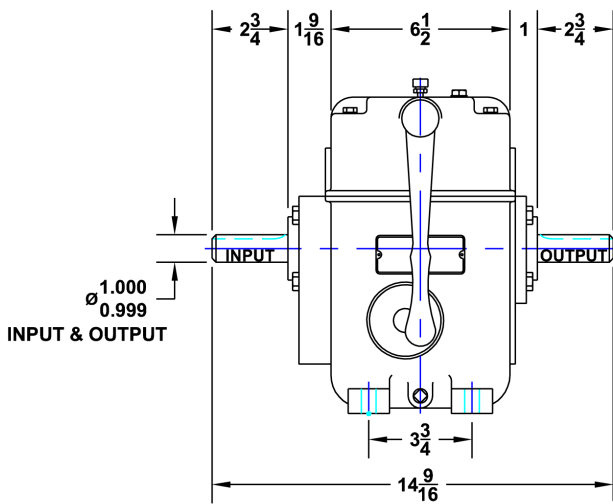
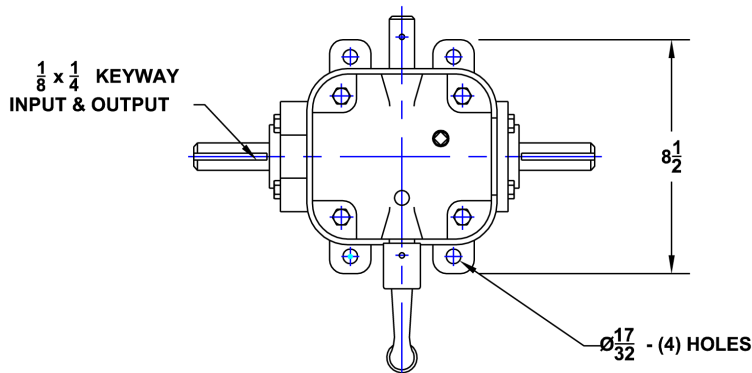
RATIOS

1.000	2.000	4.000	6.000
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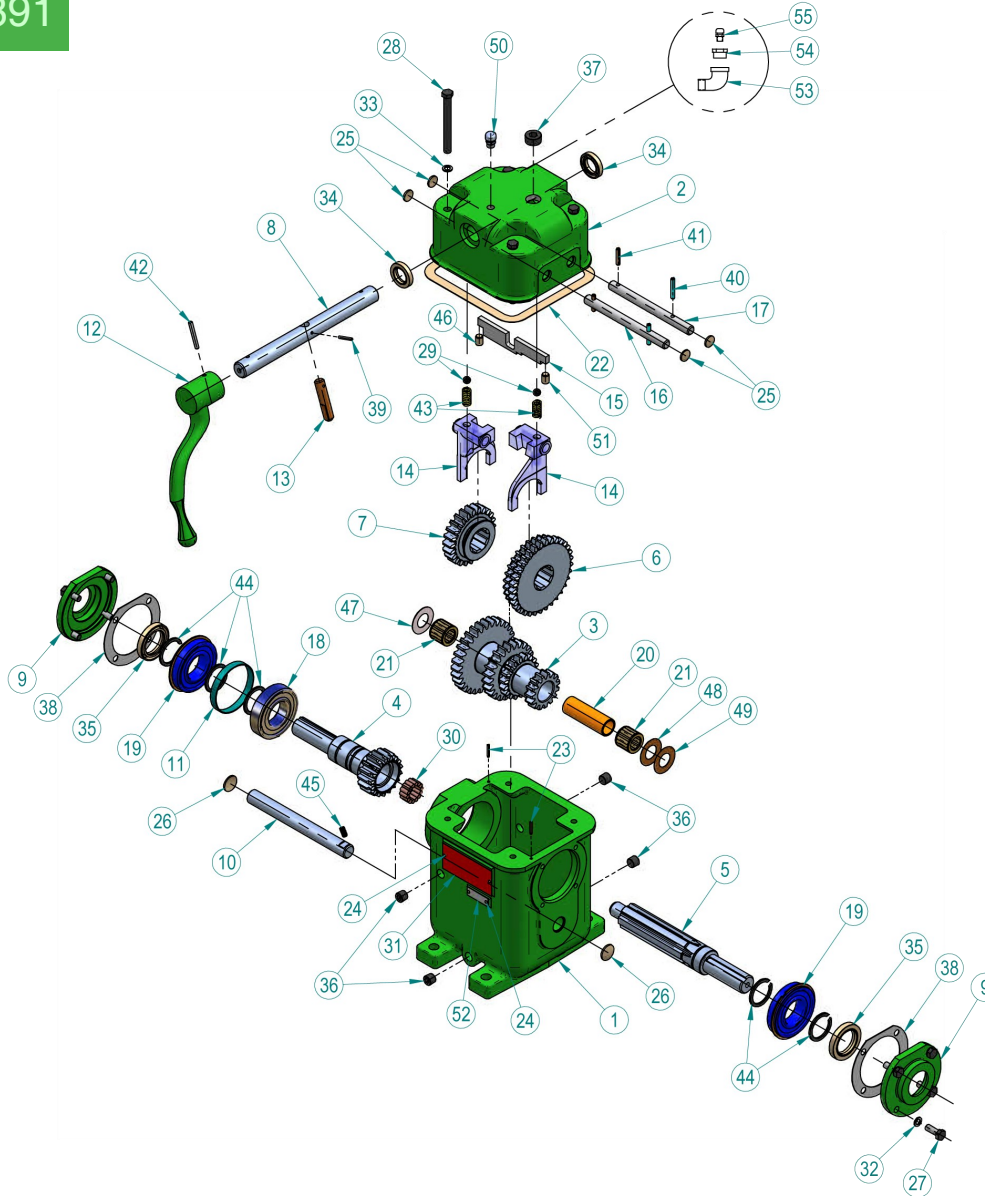
CONTACT SALES REPRESENTATIVES @ 800-689-3400
CUSTOM RATIO & SHAFT DESIGN ARE AVAILABLE

- OVERUNG LOAD CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- INPUT AND OUTPUT SHAFTS ROTATE IN THE SAME DIRECTION
- AVAILABLE AS A REDUCER OR INCREASER
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



U0200-1391



DRIVE-ALL MANUFACTURING (U0200-1391 PARTS LIST)

Item	Part Number	Description	Qty Per
1	U0008-01	Housing (Not sold as a separate part)	1
2	U0008-02	Cover (Not sold as a separate part)	1
3	U0718-03	Spcl Cluster Gear 200 & 500 Ser.	1
4	U0226-04	Pinion	1
5	U0008-05	Spline	1
6	U0718-06	Double Gear	1
7	U0209-07	Single Gear	1
8	U0008-15	Shifter Shaft	1

9	U0008-20	Retainer Plate	2
10	U0008-21	Counter Shaft	1
11	U0008-23	Bearing Spacer (Discontinued on new models)	1
12	U0008-37	Shifter Handle	1
13	U0008-53	Shifter Finger	1
14	U0015-14	Shifter Fork	2
15	U0718-50	Shifter Guide Bar	1
16	U0015-51	Shifter Rod HI	1
17	U0015-52	Shifter Rod Low	1
18	VBR125	Bearing	1
19	VBR130	Bearing W/Snap Ring	2
20		Not applicable to this model.	1
21	VOB020	Oilite Bearing	2
22	VCG020	Cover Gasket DAU 200	1
23	VDP005	Dowel Pin 1/8x3/4	2
24	VDS005	Drive Screw Kalon #2 3/16	8
25	VEP010	Expansion Plug 5/8	4
26	VEP015	Expansion Plug 7/8	2
27	VHH005	Hex HD Cap Screw 5/16-18x7/8	8
28	VHH055	Hex HD Cap Screw 3/8-16x3 1/4	4
29	VLB005	Shifter Lock Ball	2
30	VNB005	Needle Bearing	14
31	VNM040	Name Plate Set	1
32	VNW005	Nylon Washer 5/16	8
33	VNW010	Nylon Washer 3/8	4
34	VOS115	Oil Seal	2
35	VOS130	Oil Seal	2
36	VPP010	Pipe Plug 1/4 NPT Dry Seal	4
37	VPP020	Pipe Plug 1/2 NPT Dry Seal	1
38	VRG010	Retainer Gasket DAU 200/500	2
39	VRP005	Roll Pin 1/8 x 1	1
40	VRP010	Roll Pin 3/16 x 1	2
41	VRP015	Roll Pin 3/16 x 1 1/4	2
42	VRP020	Roll Pin 3/16 X1 1/2	1
43	VSG010	Lock Spring 200/500	2
44	VSR010	Snap Ring	5
45	VSS010	Set Screw 1/4-20x1/2	1
46	VSS040	Set Screw 3/8-16x1/2	1
47	VTW035	Thrust Washer 25/32x1/16	2
48	VTW040	Thrust Washer 25/32x1/32	2
49	VTW045	Thrust Washer 25/32x1/64	2
50	VBH005	Breather 1/8	1
51	VSS035	Set Screw 3/8-16x3/8	1
52	VTG005	Blank Oil Level Roemer	2
53		Not applicable to this model.	
54		Not applicable to this model.	
55		Not applicable to this model.	
	U0200-1391-RBK	Rebuild Kit - Includes all items in red	1



U0200-2385

(Ratios = 1:1, 2:1, 4:1, 6:1)

(Input Shaft Diameter = 1.00" – Output Shaft Diameter = 1.00")

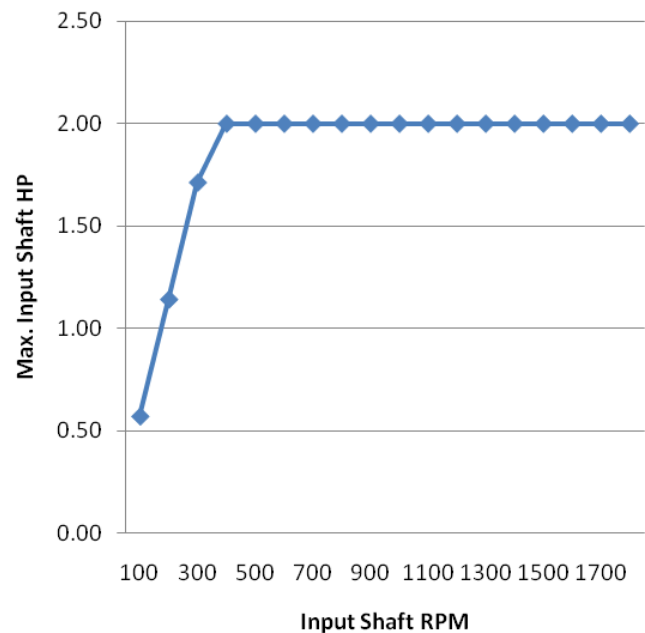
The U0200-2385 shares the same lightweight aluminum alloy casing as the more popular U0200STD model. The difference between the two models is the ratios and the vent position on the top. The U0200-2385 offers a compact footprint and can transmit up to 2 horsepower at 1800 rpm. This model offers 4 different speeds, has an overall length less than 15" with a width just over 9", and the handle can be installed on either side. The shafts of the U0200-2385 rotate in the same direction and the unit can be utilized as an increaser or reducer. If you would like additional information about the U0200-2385 please contact a Drive-All Sales Engineer at 800-689-3400.

Previous applications include: Portable Wire Winders, Fish Hatcheries, Bulk Food Processing, and Insulation Blowers

Horsepower and Torque Rating

Input Speed	*Max. Input Hp**	Max. Input Torque
100	0.57	375
200	1.14	350
300	1.71	325
400	2.00	300
500	2.00	252
600	2.00	210
700	2.00	180
800	2.00	158
900	2.00	140
1000	2.00	126
1100	2.00	115
1200	2.00	105
1300	2.00	97
1400	2.00	90
1500	2.00	84
1600	2.00	79
1700	2.00	74
1800	2.00	70

U0200-2385 MAX. Input HP vs. Input Shaft RPM



*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

U0200-2385 4-SPEED GEARBOX [MANUAL SHIFT]

RATIOS

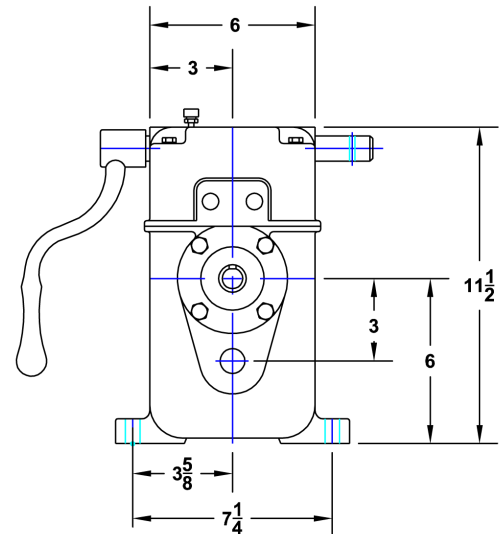
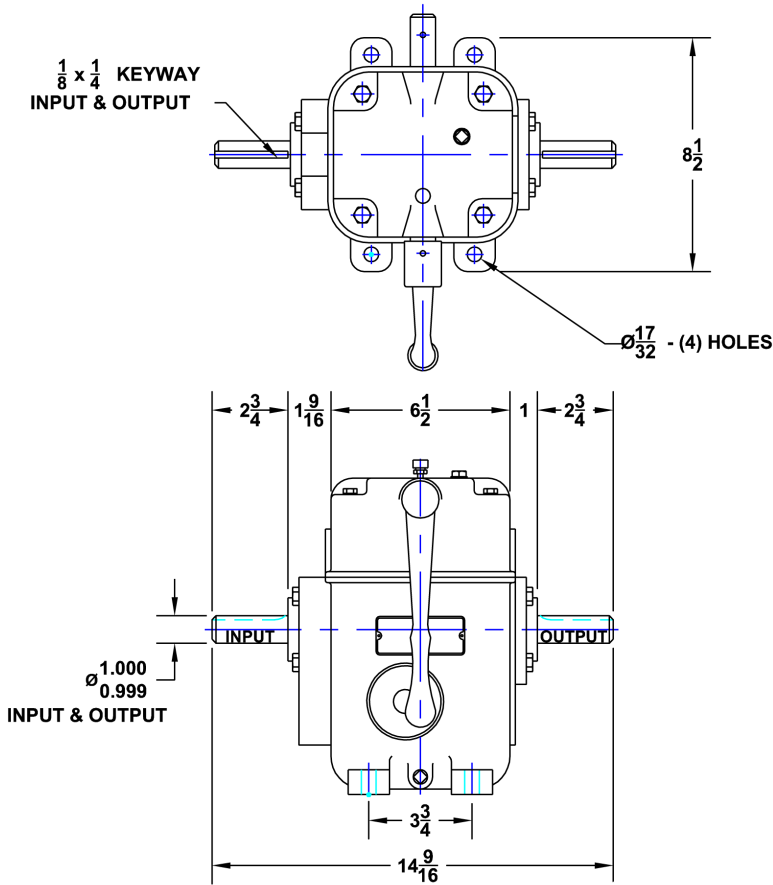
1.000	2.000	4.000	6.000
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2 HP MAXIMUM
70 IN LBS MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 42 LBS.

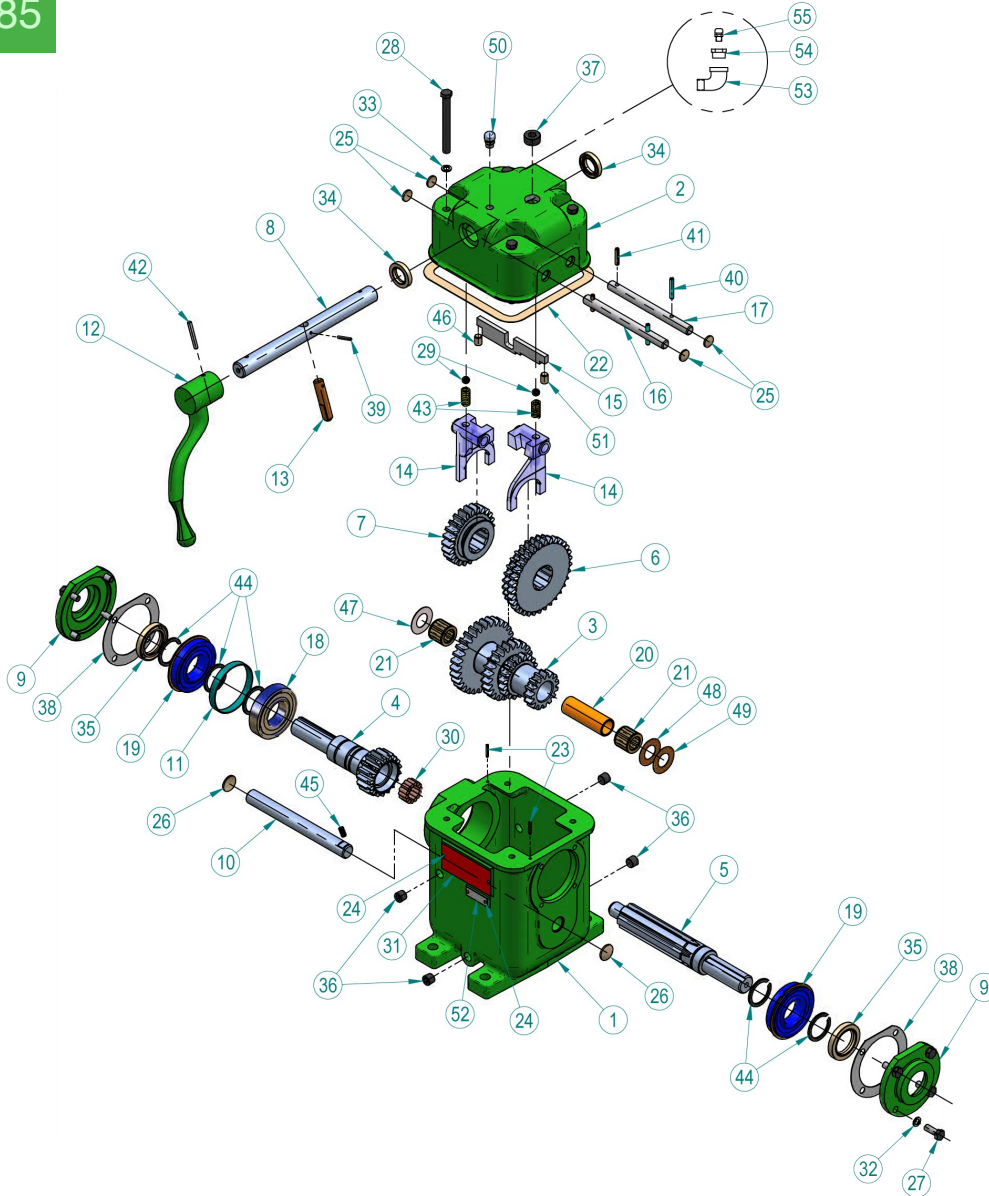
CONTACT SALES REPRESENTATIVES @ 800-689-3400
CUSTOM RATIO & SHAFT DESIGN ARE AVAILABLE

- OVERUNG LOAD CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- INPUT AND OUTPUT SHAFTS ROTATE IN THE SAME DIRECTION
- AVAILABLE AS A REDUCER OR INCREASER
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



U0200-2385



DRIVE-ALL MANUFACTURING (U0200-2385 PARTS LIST)

Item	Part Number	Description	Qty Per
1	U0008-01	Housing (Not sold as a separate part)	1
2	U0008-02C	Cover Collins (Not sold as a separate part)	1
3	U0718-03	Spcl Cluster Gear 200 & 500 Ser.	1
4	U0226-04	Pinion	1
5	U0008-05	Spline	1
6	U0718-06	Double Gear	1
7	U0209-07	Single Gear	1
8	U0008-15	Shifter Shaft	1

9	U0008-20	Retainer Plate	2
10	U0008-21	Counter Shaft	1
11	U0008-23	Bearing Spacer (Discontinued on new models)	1
12	U0008-37	Shifter Handle	1
13	U0008-53	Shifter Finger	1
14	U0015-14	Shifter Fork	2
15	U0718-50	Shifter Guide Bar	1
16	U0015-51	Shifter Rod HI	1
17	U0015-52	Shifter Rod Low	1
18	VBR125	Bearing	1
19	VBR130	Bearing W/Snap Ring	2
20		Not applicable to this model.	
21	VOB020	Oilite Bearing	2
22	VCG020	Cover Gasket DAU 200	1
23	VDP005	Dowel Pin 1/8x3/4	2
24	VDS005	Drive Screw Kalon #2 3/16	8
25	VEP010	Expansion Plug 5/8	4
26	VEP015	Expansion Plug 7/8	2
27	VHH005	Hex HD Cap Screw 5/16-18x7/8	8
28	VHH055	Hex HD Cap Screw 3/8-16x3 1/4	4
29	VLB005	Shifter Lock Ball	2
30	VNB005	Needle Bearing	14
31	VNM040	Name Plate Set	1
32	VNW005	Nylon Washer 5/16	8
33	VNW010	Nylon Washer 3/8	4
34	VOS115	Oil Seal	2
35	VOS130	Oil Seal	2
36	VPP010	Pipe Plug 1/4 NPT Dry Seal	4
37	VPP020	Pipe Plug 1/2 NPT Dry Seal	1
38	VRG010	Retainer Gasket DAU 200/500	2
39	VRP005	Roll Pin 1/8 x 1	1
40	VRP010	Roll Pin 3/16 x 1	2
41	VRP015	Roll Pin 3/16 x 1 1/4	2
42	VRP020	Roll Pin 3/16 X1 1/2	1
43	VSG010	Lock Spring 200/500	2
44	VSR010	Snap Ring	5
45	VSS010	Set Screw 1/4-20x1/2	1
46	VSS040	Set Screw 3/8-16x1/2	1
47	VTW035	Thrust Washer 25/32x1/16	2
48	VTW040	Thrust Washer 25/32x1/32	2
49	VTW045	Thrust Washer 25/32x1/64	2
50	VPP005	Pipe Plug 1/8 NPT Dry Seal	1
51	VSS035	Set Screw 3/8-16x3/8	1
52	VTG005	Blank Oil Level Roemer	2
53	VSL005	Street Elbow 1/2	1
54	VRB005	Reducer Bushing 1/2 x 1/8	1
55	VBH005	Breather 1/8	1
	U0200-2385-RBK	Rebuild Kit - Includes all items in red	1



U0500STD

(Ratios = 1:1, 1.824:1, 3.039:1, 4.012:1)

(Input Shaft Diameter = 1.250" – Output Shaft Diameter = 1.250")

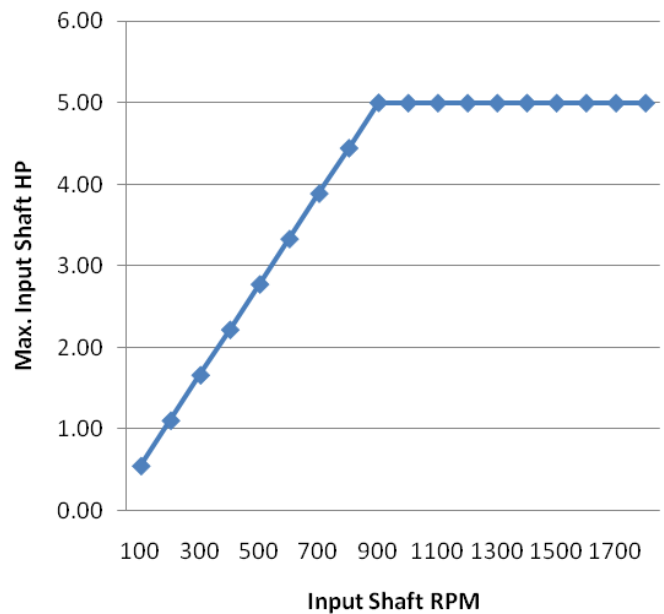
The U0500STD is the model that started it all over 70 years ago. This model is assembled with a close grain cast iron housing and is capable of transmitting up to 5 horsepower at 1800 rpm. The U0500STD offers 4 different speeds, an overall length less than 21.5" with a width just over 9", and the handle can be attached to either side. The shafts of the U0500STD rotate in the same direction and the unit can be utilized as an increaser or reducer. If you would like additional information about the U0500STD please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

Previous applications include: Mining Industry, Fabric Winding, Turn Table Machinery, and Wire Winding

Horsepower and Torque Rating

Input Speed	Max. Input Hp**	Max. Input Torque
100	0.56	579
200	1.11	557
300	1.67	536
400	2.22	514
500	2.78	493
600	3.34	472
700	3.89	450
800	4.45	400
900	5.00	350
1000	5.00	315
1100	5.00	286
1200	5.00	263
1300	5.00	242
1400	5.00	225
1500	5.00	210
1600	5.00	197
1700	5.00	185
1800	5.00	175

U0500STD MAX. Input HP vs. Input Shaft RPM



*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

U0500STD 4-SPEED GEARBOX [MANUAL SHIFT]

5 HP MAXIMUM
175 IN LBS MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 100 LBS.

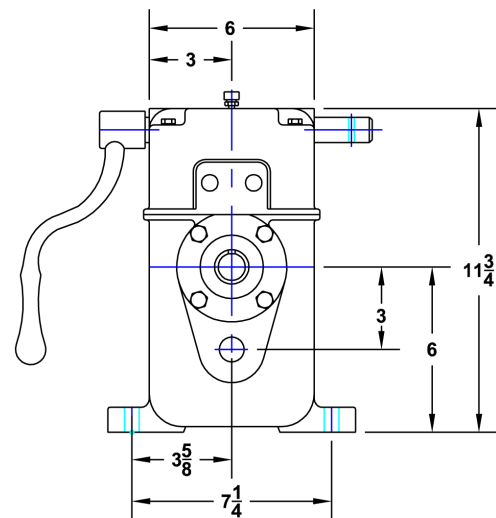
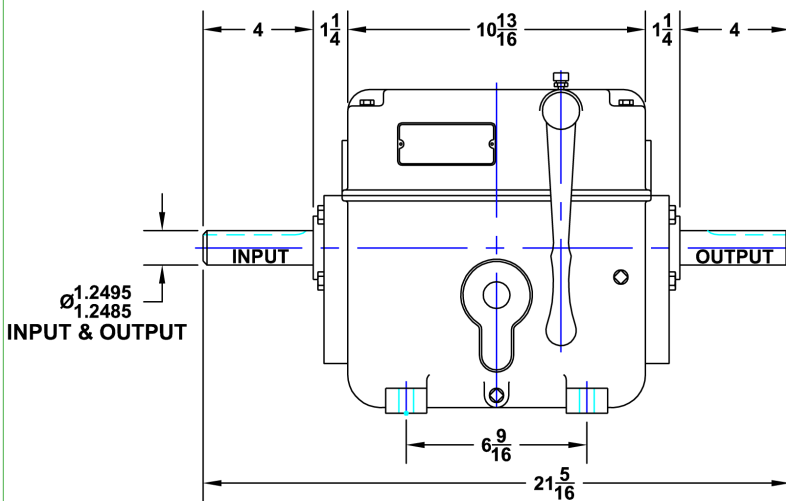
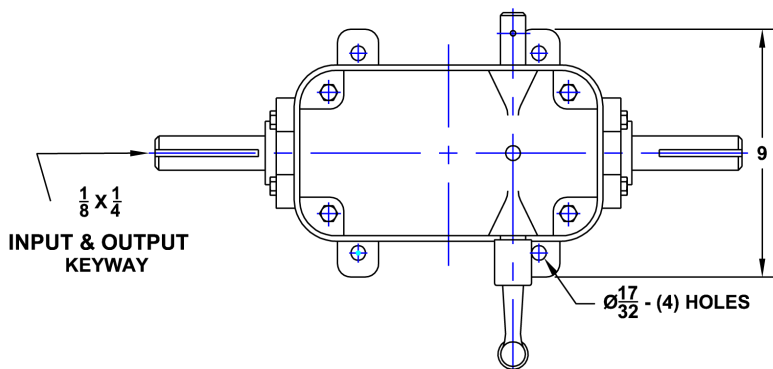
RATIOS

1.000	1.824	3.039	4.012
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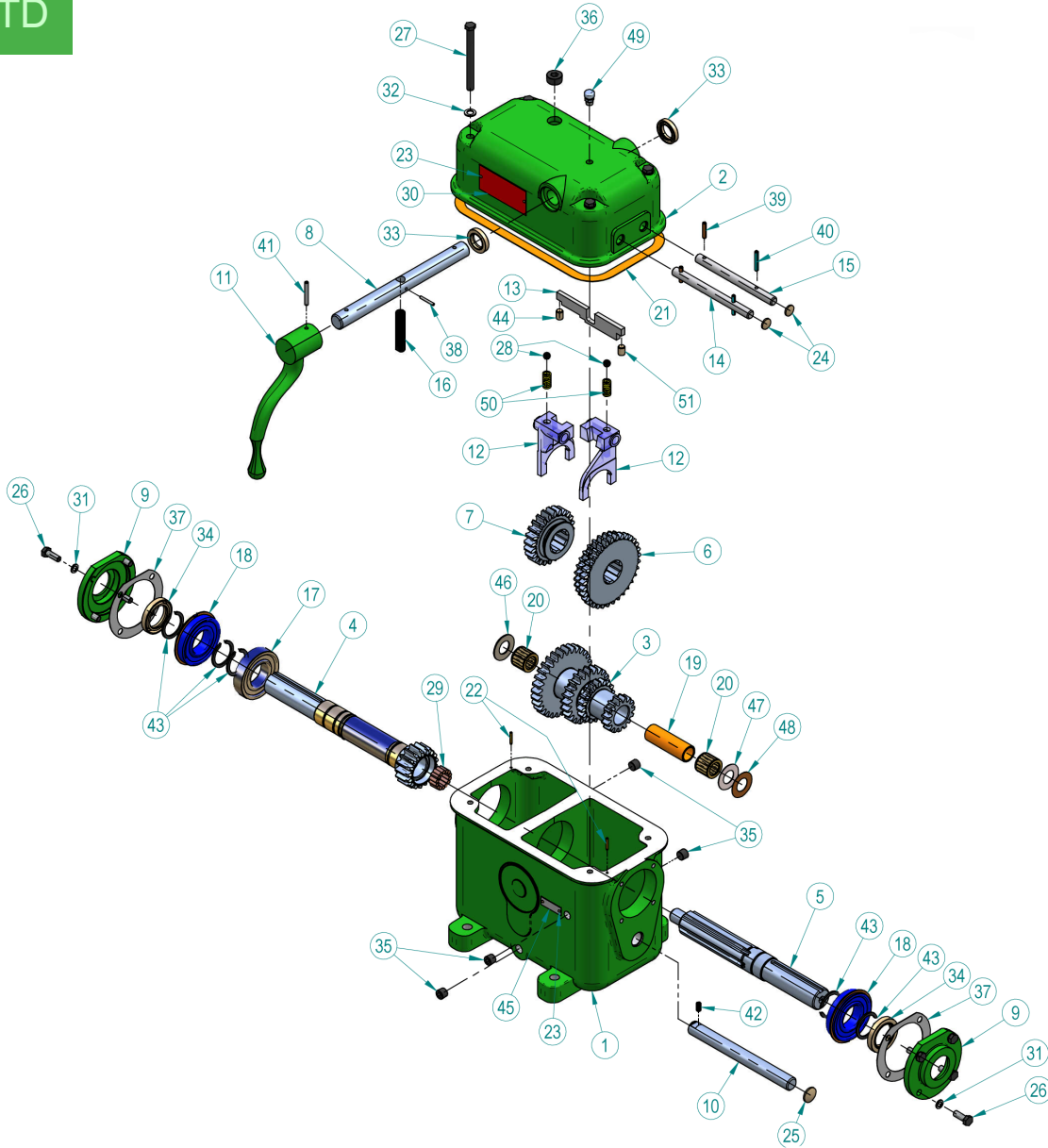
CONTACT SALES REPRESENTATIVES @ 800-689-3400
CUSTOM RATIO & SHAFT DESIGN ARE AVAILABLE

- OVERUNG LOAD CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- INPUT AND OUTPUT SHAFTS ROTATE IN THE SAME DIRECTION
- AVAILABLE AS A REDUCER OR INCREASER
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



U0500STD



Drive-All Manufacturing (U0500STD Parts List)

Item	Part Number	Description	Qty Per
1	U0015-01	Housing (Not sold as a separate part)	1
2	U0015-02	Cover (Not sold as a separate part)	1
3	U0008-03	Cluster Gear	1
4	U0015-04	Pinion	1
5	U0015-05	Spline	1
6	U0008-06	Double Gear	1
7	U0008-07	Single Gear	1
8	U0008-15	Shifter Shaft	1

9	U0008-20	Retainer Plate	2
10	U0015-21	Counter Shaft	1
11	U0008-37	Shifter Handle	1
12	U0015-14	Shifter Fork	2
13	U0718-50	Shifter Guide Bar	1
14	U0015-51	Shifter Rod Hi	1
15	U0015-52	Shifter Rod Low	1
16	U0015-53	Shifter Finger	1
17	VBR125	Bearing (Web)	1
18	VBR130	Bearing W/Snap Ring	2
19	VBS005	Bearing Spacer (U0008-38)	1
20	VCB010	Cage Bearing	2
21	VCG035	Cover Gasket DAU500	1
22	VDP005	Dowel Pin 1/8 x 3/4	2
23	VDS005	Drive Screw Kalon #2 3/16	8
24	VEP010	Expansion Plug 5/8	2
25	VEP015	Expansion Plug 7/8	1
26	VHH005	Hex Hd Cap Scr 5/16-18 x 7/8	8
27	VHH060	Hex Hd Cap Scr 3/8-16 x 4	4
28	VLB005	Shifter Lock Ball 3/8	2
29	VNB005	Needle Bearing 14/set	14
30	VNM010	Name Plate 200/500 F/U Set	1
31	VNW005	Nylon Washer 5/16	8
32	VNW010	Nylon Washer 3/8	4
33	VOS115	Oil Seal	2
34	VOS130	Oil Seal	2
35	VPP010	Pipe Plug 1/4 NPT	4
36	VPP020	Pipe Plug 1/2 NPT	1
37	VRG010	Retainer Gasket DAU 200/500	2
38	VRP005	Roll Pin 1/8 x 1	1
39	VRP010	Roll Pin 3/16 x 1	2
40	VRP015	Roll Pin 3/16 x 1 1/4	2
41	VRP020	Roll Pin 3/16 x 1 1/2	1
42	VSS010	Set Screw 1/4-20 x 1/2	1
43	VSR010	Snap Ring	5
44	VSS040	Set Screw 3/8-16 x 1/2	2
45	VTG005	Blank Oil Level Roemer	2
46	VTW035	Thrust Washer 25/32 x 1/16	2
47	VTW040	Thrust Washer 25/32 x 1/32	2
48	VTW045	Thrust Washer 25/32 x 1/64	2
49	VBH005	Breather 1/8	1
50	VSG010	Shifter Lock Spring 200/500	2
51		See #44	
	U0500STD-RBK	Rebuild Kit - Includes all items in red	1



U0500-0936

(Ratios = 1:1, 2:1, 4:1, 6:1)

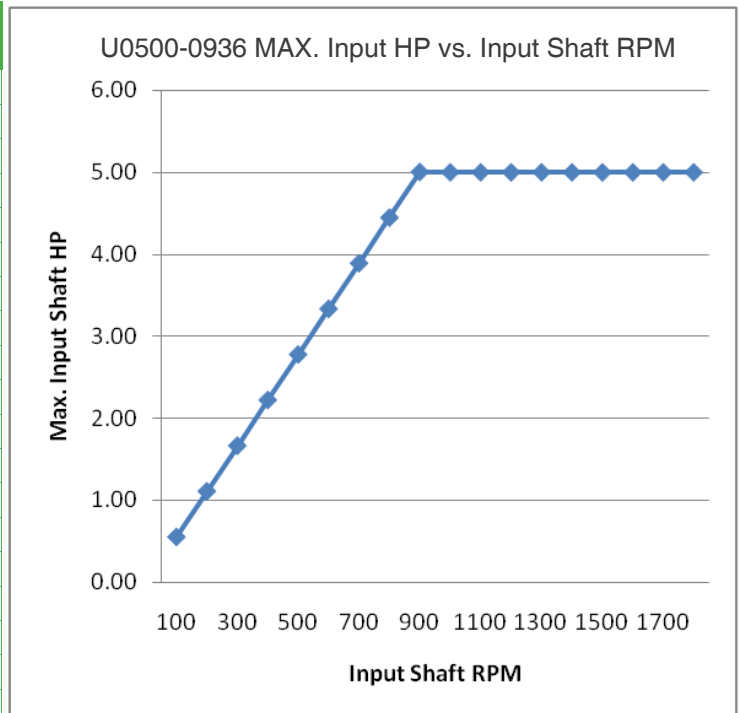
(Input Shaft Diameter = 1.250" – Output Shaft Diameter = 1.250")

The U0500-0936 from the outside appears to be the same as the U0500STD. These two models share the same close grain cast iron housing but are very different on the inside. These two models have the same power capabilities (up to 5 horsepower at 1800 rpm) but the U0500-0936 offers a different set of solutions for our customers due to its output ratios. The U0500-0936 offers 4 different speeds, an overall length less than 21.5" with a width of just over 9", and the handle can be attached to either side. The shafts of the U0500-0936 rotate in the same direction and the unit can be utilized as an increaser or reducer. If you would like additional information about the U0500-0936 please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

Previous applications include: Mining Industry, Fabric Winding, Turn Table Machinery, and Wire Winding

Horsepower and Torque Rating

Input Speed	Max. Input Hp**	Max. Input Torque
100	0.56	579
200	1.11	557
300	1.67	536
400	2.22	514
500	2.78	493
600	3.34	472
700	3.89	450
800	4.45	400
900	5.00	350
1000	5.00	315
1100	5.00	286
1200	5.00	263
1300	5.00	242
1400	5.00	225
1500	5.00	210
1600	5.00	197
1700	5.00	185
1800	5.00	175



*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

U0500-0936 4-SPEED GEARBOX [MANUAL SHIFT]

RATIOS

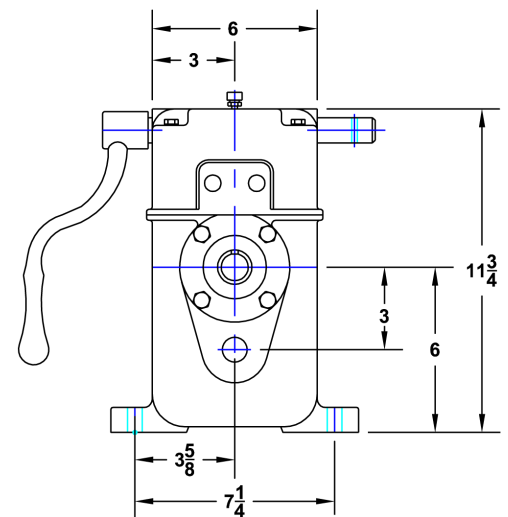
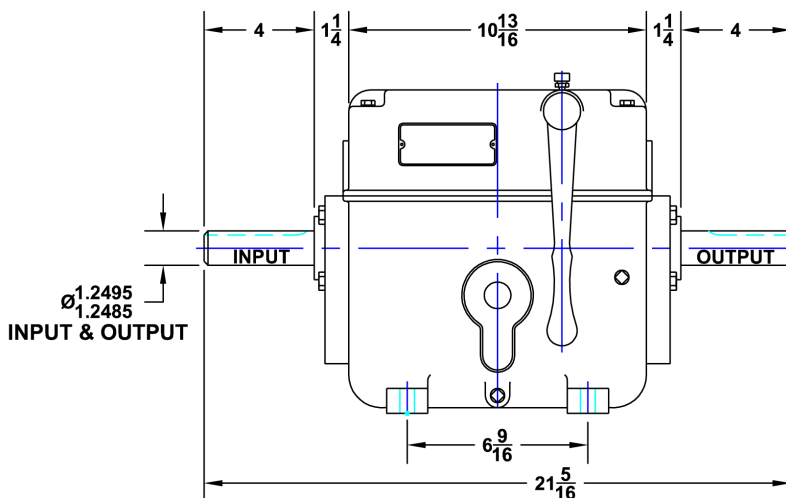
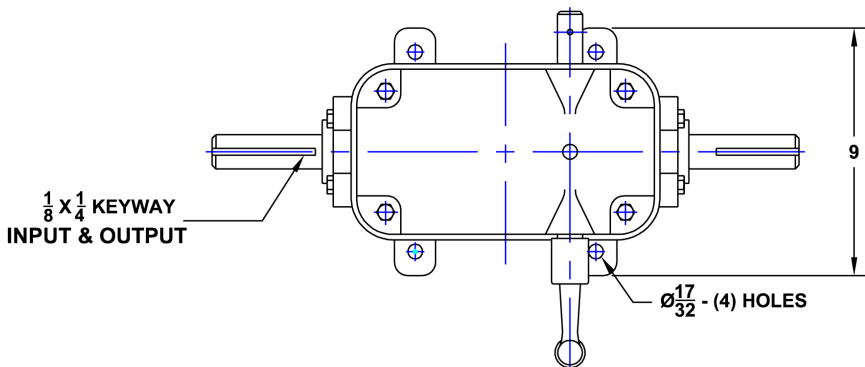
1.000	2.000	4.000	6.000
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5 HP MAXIMUM
175 IN LBS MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 100 LBS.

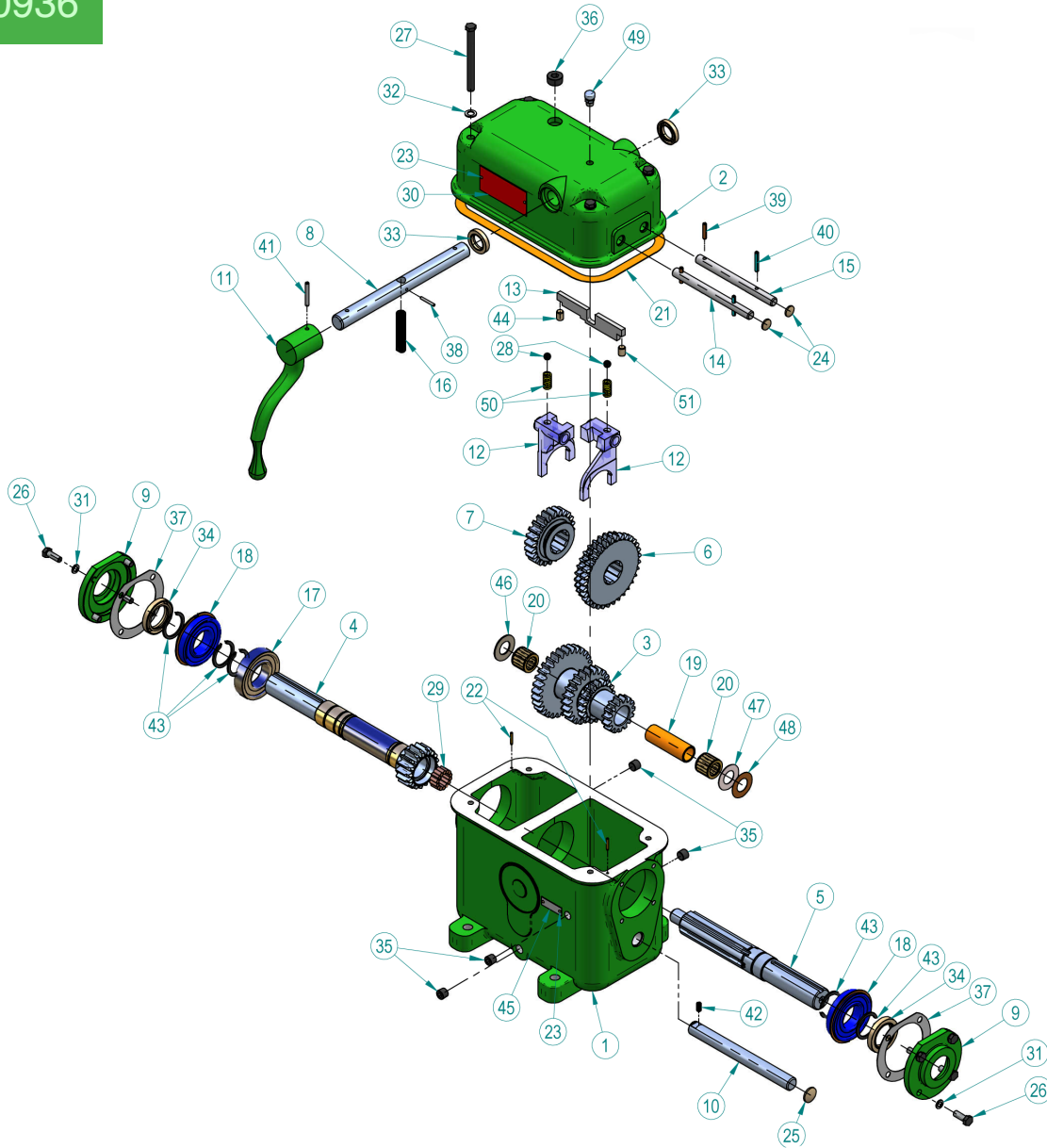
CONTACT SALES REPRESENTATIVES @ 800-689-3400
CUSTOM RATIO & SHAFT DESIGN ARE AVAILABLE

- OVERUNG LOAD CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- INPUT AND OUTPUT SHAFTS ROTATE IN THE SAME DIRECTION
- AVAILABLE AS A REDUCER OR INCREASER
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



U0500-0936



Drive-All Manufacturing (U0500-0936 Parts List)

Item	Part Number	Description	Qty Per
1	U0015-01	Housing (Not sold as a separate part)	1
2	U0015-02	Cover (Not sold as a separate part)	1
3	U0718-03	Spcl Cluster Gear 200 & 500	1
4	U0445-04	Pinion	1
5	U0015-05	Spline	1
6	U0718-06	Double Gear	1
7	U0209-07	Single Gear	1
8	U0008-15	Shifter Shaft	1

9	U0008-20	Retainer Plate	2
10	U0015-21	Counter Shaft	1
11	U0008-37	Shifter Handle	1
12	U0015-14	Shifter Fork	2
13	U0718-50	Shifter Guide Bar	1
14	U0015-51	Shifter Rod Hi	1
15	U0015-52	Shifter Rod Low	1
16	U0015-53	Shifter Finger	1
17	VBR125	Bearing (Web)	1
18	VBR130	Bearing W/Snap Ring	2
19		Not applicable on this model.	
20	VOB020	Oilite Bearing	2
21	VCG035	Cover Gasket DAU500	1
22	VDP005	Dowel Pin 1/8 x 3/4	2
23	VDS005	Drive Screw Kalon #2 3/16	8
24	VEP010	Expansion Plug 5/8	2
25	VEP015	Expansion Plug 7/8	1
26	VHH005	Hex Hd Cap Scr 5/16-18 x 7/8	8
27	VHH060	Hex Hd Cap Scr 3/8-16 x 4	4
28	VLB005	Shifter Lock Ball 3/8	2
29	VNB005	Needle Bearing 14/set	14
30	VNM040	Name Plate Set	1
31	VNW005	Nylon Washer 5/16	8
32	VNW010	Nylon Washer 3/8	4
33	VOS115	Oil Seal	2
34	VOS130	Oil Seal	2
35	VPP010	Pipe Plug 1/4 NPT	4
36	VPP020	Pipe Plug 1/2 NPT	1
37	VRG010	Retainer Gasket DAU 200/500	2
38	VRP005	Roll Pin 1/8 x 1	1
39	VRP010	Roll Pin 3/16 x 1	2
40	VRP015	Roll Pin 3/16 x 1 1/4	2
41	VRP020	Roll Pin 3/16 x 1 1/2	1
42	VSS010	Set Screw 1/4-20 x 1/2	1
43	VSR010	Snap Ring	5
44	VSS040	Set Screw 3/8-16 x 1/2	1
45	VTG005	Blank Oil Level Roemer	2
46	VTW035	Thrust Washer 25/32 x 1/16	2
47	VTW040	Thrust Washer 25/32 x 1/32	2
48	VTW045	Thrust Washer 25/32 x 1/64	2
49	VBH005	Breather 1/8	1
50	VSG010	Shifter Lock Spring 200/500	2
51	VSS035	Set Screw 3/8-16 x 3/8	1
	U0500-0936-RBK	Rebuild Kit - Includes all items in red	1



U0500HD

(Ratios = 1:1, 1.824:1, 3.039:1, 4.012:1)
(Input Shaft Diameter = 1.250" – Output Shaft Diameter = 1.375")

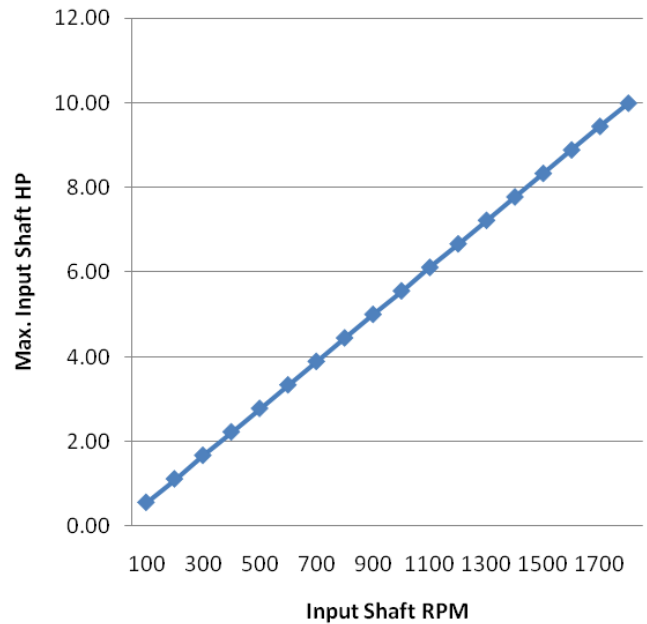
The U0500HD is very similar to the U0500STD. These two models share the same close grain cast iron housing and offer the same output ratios. The U0500HD has a larger diameter output shaft and is designed to transmit up to 10 horsepower at 1800 rpm. The U0500HD offers 4 different speeds, and overall length less than 21.5" with a width just over 9", and the handle can be attached to either side. The shafts of the U0500HD rotate in the same direction and this unit can be utilized as an increaser or reducer. If you would like additional information about the U0500HD please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

Previous applications include: Mining Industry, Fabric Winding, Turn Table Machinery, and Wire Winding

Horsepower and Torque Rating

Input Speed	Max. Input Hp**	Max. Input Torque
100	0.56	586
200	1.11	572
300	1.67	558
400	2.22	544
500	2.78	531
600	3.34	517
700	3.89	503
800	4.45	489
900	5.00	475
1000	5.56	461
1100	6.12	447
1200	6.67	433
1300	7.23	419
1400	7.78	406
1500	8.34	392
1600	8.90	378
1700	9.45	364
1800	10.00	350

U0500HD MAX. Input HP vs. Input Shaft RPM



*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

U0500HD 4-SPEED GEARBOX [MANUAL SHIFT]

RATIOS

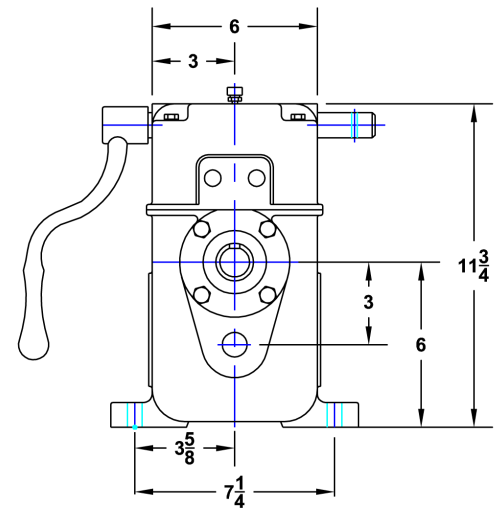
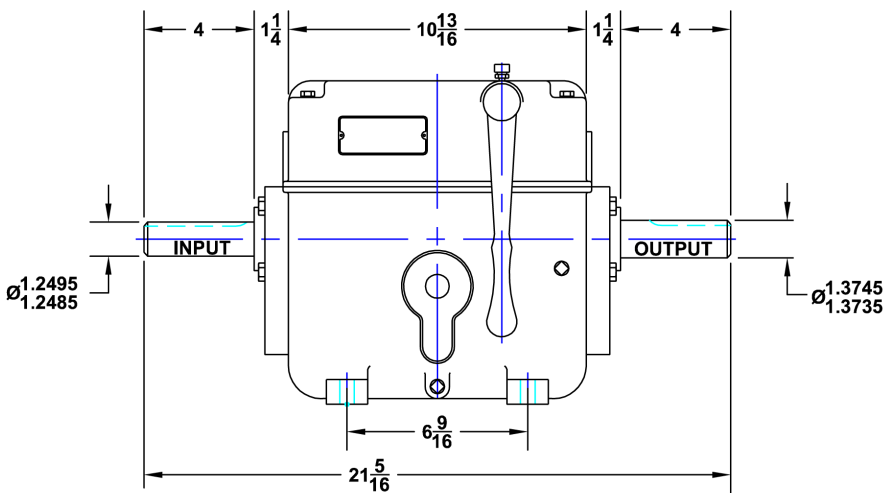
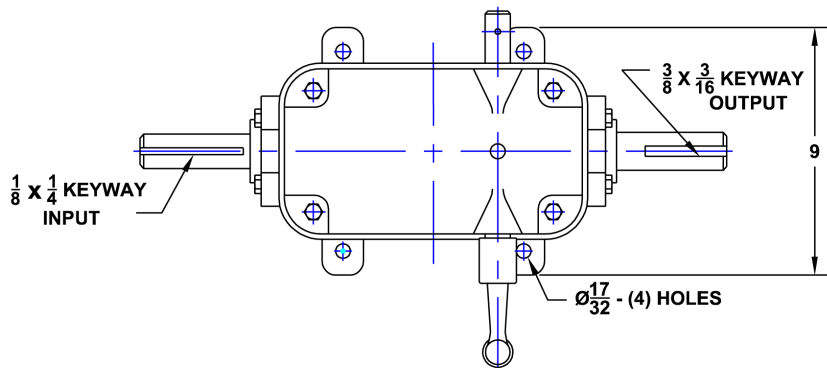
1.000	1.824	3.039	4.012
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10 HP MAXIMUM
350 IN LBS MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 100 LBS.

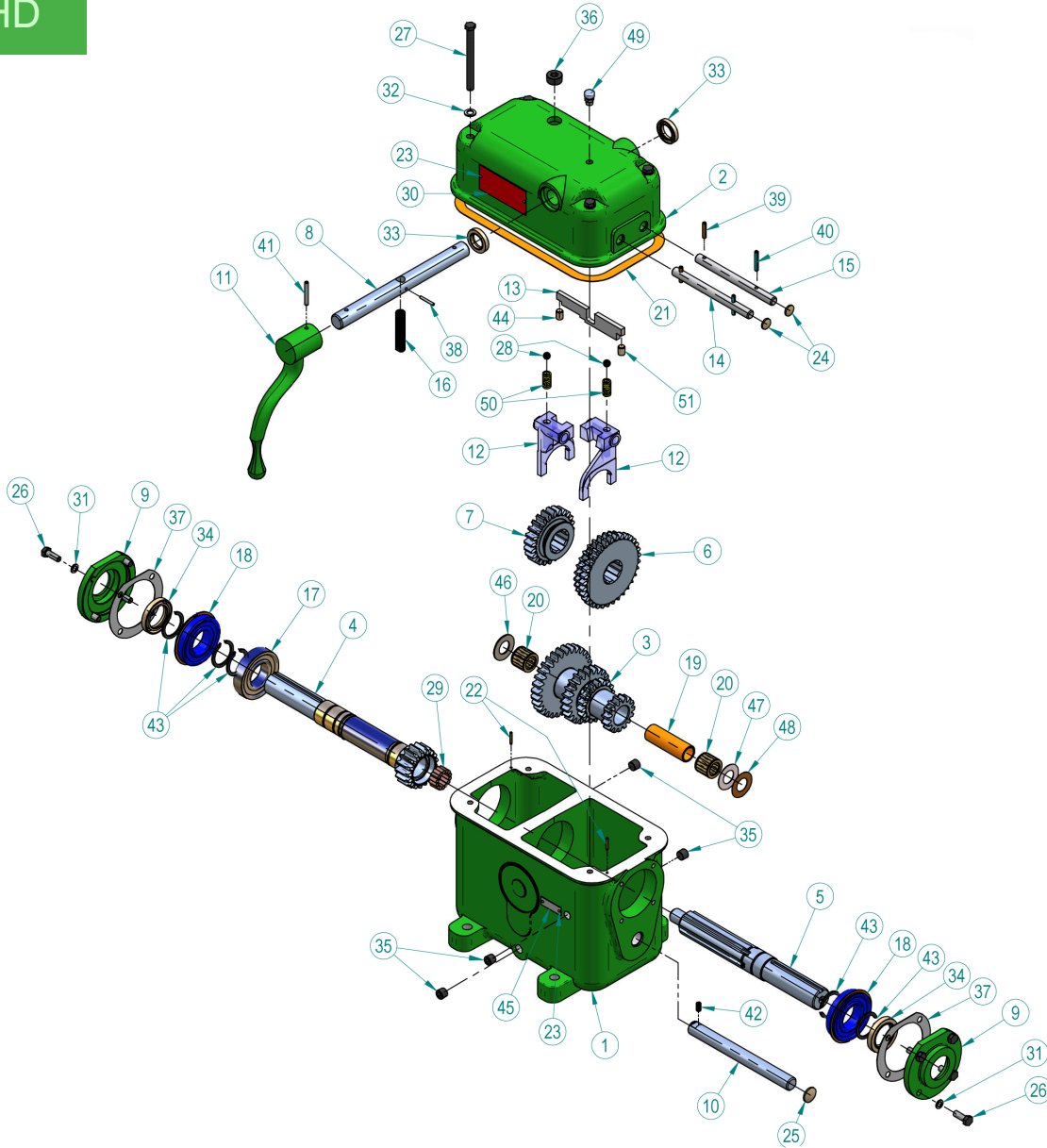
CONTACT SALES REPRESENTATIVES @ 800-689-3400
CUSTOM RATIO & SHAFT DESIGN ARE AVAILABLE

- OVERUNG LOAD CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- INPUT AND OUTPUT SHAFTS ROTATE IN THE SAME DIRECTION
- AVAILABLE AS A REDUCER OR INCREASER
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



U0500HD



Drive-All Manufacturing (U0500HD Parts List)

Item	Part Number	Description	Qty Per
1	U0015-01	Housing (Not sold as a separate part)	1
2	U0015-02	Cover (Not sold as a separate part)	1
3	U0008-03	Cluster Gear	1
4	U0015-04	Pinion	1
5	U0015-05 HD	Spline	1
6	U0008-06	Double Gear	1
7	U0008-07	Single Gear	1
8	U0008-15	Shifter Shaft	1

9	U0008-20	Retainer Plate	2
10	U0015-21	Counter Shaft	1
11	U0008-37	Shifter Handle	1
12	U0015-14	Shifter Fork	2
13	U0718-50	Shifter Guide Bar	1
14	U0015-51	Shifter Rod Hi	1
15	U0015-52	Shifter Rod Low	1
16	U0015-53	Shifter Finger	1
17	VBR125	Bearing (Web)	1
18	VBR130	Bearing W/Snap Ring	2
19	VBS005	Bearing Spacer (U0008-38)	1
20	VCB010	Cage Bearing	2
21	VCG035	Cover Gasket DAU500	1
22	VDP005	Dowel Pin 1/8 x 3/4	2
23	VDS005	Drive Screw Kalon #2 3/16	8
24	VEP010	Expansion Plug 5/8	2
25	VEP015	Expansion Plug 7/8	1
26	VHH005	Hex Hd Cap Scr 5/16-18 x 7/8	8
27	VHH060	Hex Hd Cap Scr 3/8-16 x 4	4
28	VLB005	Shifter Lock Ball 3/8	2
29	VNB005	Needle Bearing 14/set	14
30	VNM010	Name Plate 200/500 F/U Set	1
31	VNW005	Nylon Washer 5/16	8
32	VNW010	Nylon Washer 3/8	4
33	VOS115	Oil Seal	2
34	VOS130	Oil Seal	2
35	VPP010	Pipe Plug 1/4 NPT	4
36	VPP020	Pipe Plug 1/2 NPT	1
37	VRG010	Retainer Gasket DAU 200/500	2
38	VRP005	Roll Pin 1/8 x 1	1
39	VRP010	Roll Pin 3/16 x 1	2
40	VRP015	Roll Pin 3/16 x 1 1/4	2
41	VRP020	Roll Pin 3/16 x 1 1/2	1
42	VSS010	Set Screw 1/4-20 x 1/2	1
43	VSR010	Snap Ring	5
44	VSS040	Set Screw 3/8-16 x 1/2	2
45	VTG005	Blank Oil Level Roemer	2
46	VTW035	Thrust Washer 25/32 x 1/16	2
47	VTW040	Thrust Washer 25/32 x 1/32	2
48	VTW045	Thrust Washer 25/32 x 1/64	2
49	VBH005	Breather 1/8	1
50	VSG010	Shifter Lock Spring 200/500	2
51		See #44	
	U0500HD-RBK	Rebuild Kit—Includes all items in red	1



U0500HD-0936

(Ratios = 1:1, 2:1, 4:1, 6:1)

(Input Shaft Diameter = 1.250" – Output Shaft Diameter = 1.375")

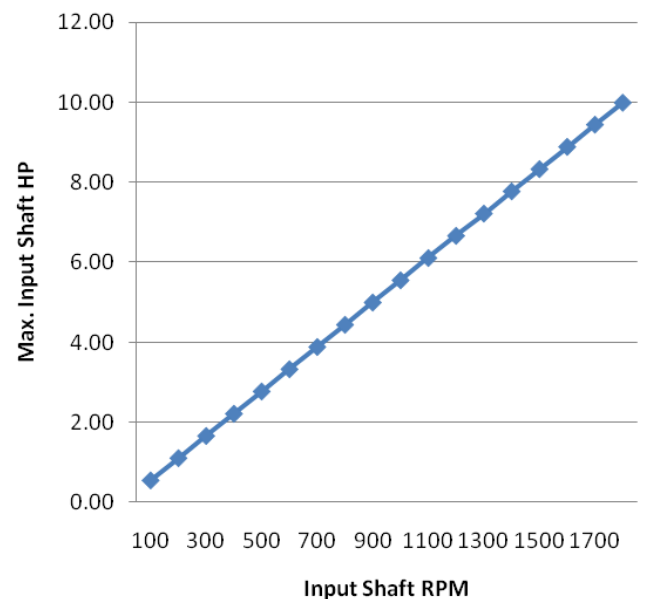
The U0500HD-0936 is very similar to the U0500-0936. These two models share the same close grain cast iron housing and offer the same output ratios. The U0500HD-0936 has a larger diameter output shaft and is designed to transmit up to 10 horsepower at 1800 rpm. The U0500HD-0936 offers 4 different speeds, an overall length less than 21.5" with a width just over 9", and the handle can be attached to either side. The shafts of the U0500HD-0936 rotate in the same direction and this unit can be utilized as an increaser or reducer. If you would like additional information about the U0500HD-0936 please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

Previous applications include: Mining Industry, Fabric Winding, Turn Table Machinery, and Wire Winding

Horsepower and Torque Rating

Input Speed	Max. Input Hp**	Max. Input Torque
100	0.56	586
200	1.11	572
300	1.67	558
400	2.22	544
500	2.78	531
600	3.34	517
700	3.89	503
800	4.45	489
900	5.00	475
1000	5.56	461
1100	6.12	447
1200	6.67	433
1300	7.23	419
1400	7.78	406
1500	8.34	392
1600	8.90	378
1700	9.45	364
1800	10.00	350

U0500HD-0936 MAX. Input HP vs. Input Shaft RPM



*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

U0500HD-0936 4-SPEED GEARBOX [MANUAL SHIFT]

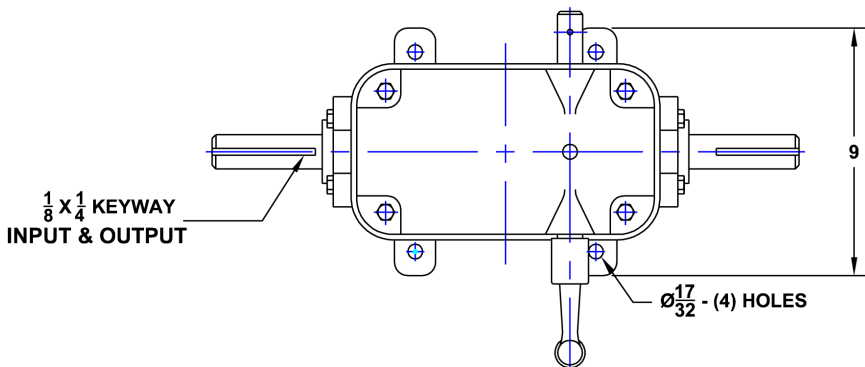
RATIOS

1.000	2.000	4.000	6.000
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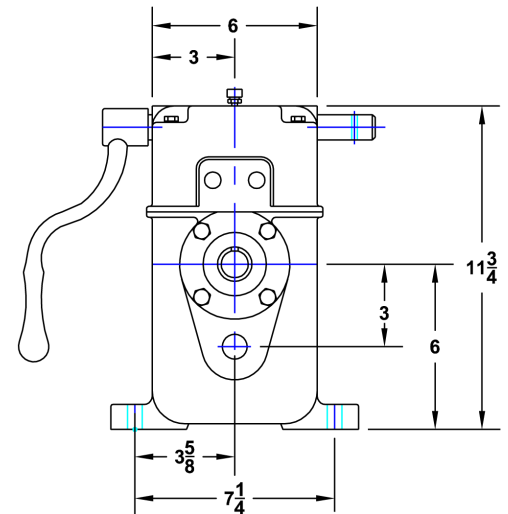
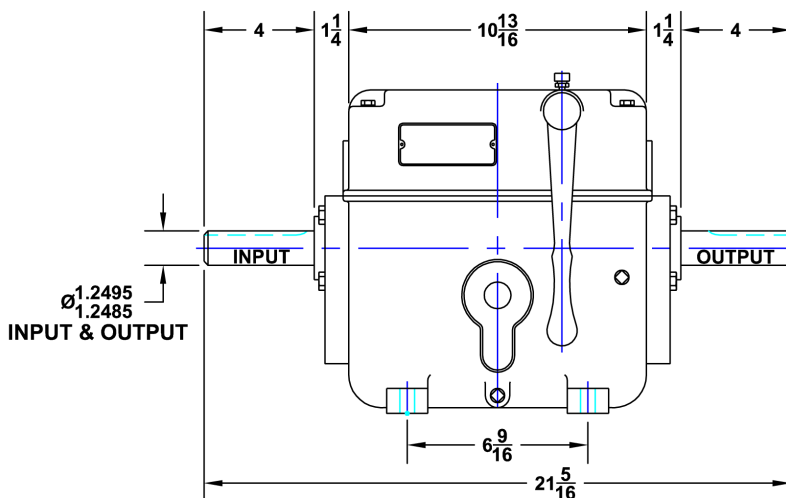
10 HP MAXIMUM
350 IN LBS MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 100 LBS.

CONTACT SALES REPRESENTATIVES @ 800-689-3400
CUSTOM RATIO & SHAFT DESIGN ARE AVAILABLE

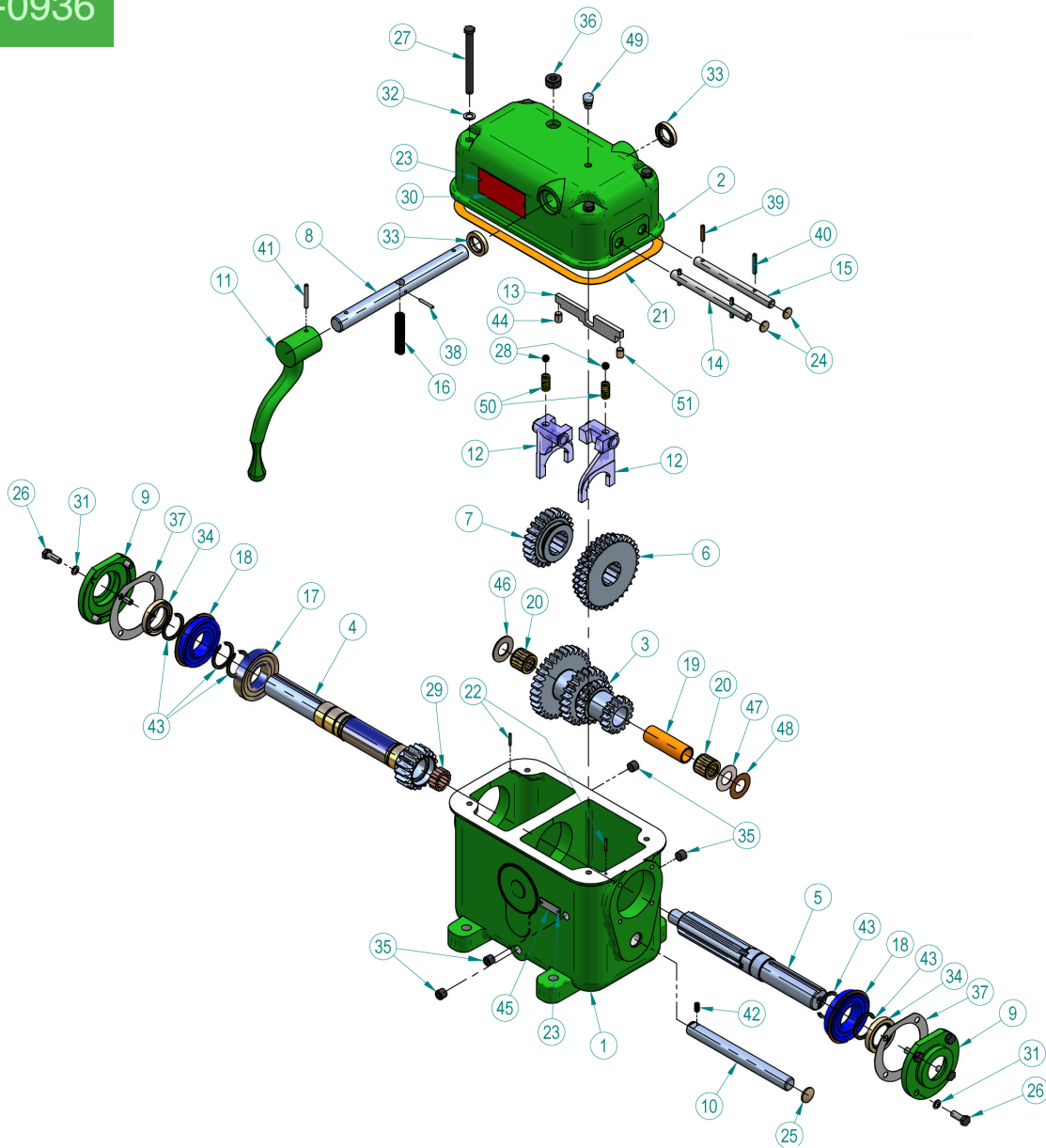
- OVERUNG LOAD CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- INPUT AND OUTPUT SHAFTS ROTATE IN THE SAME DIRECTION
- AVAILABLE AS A REDUCER OR INCREASER
- UNITS MUST BE STOPPED BEFORE SHIFTING



ONE YEAR LIMITED WARRANTY



U0500HD-0936



Drive-All Manufacturing (U0500HD-0936 Parts List)

Item	Part Number	Description	Qty Per
1	U0015-01	Housing (Not sold as a separate part)	1
2	U0015-02	Cover (Not sold as a separate part)	1
3	U0718-03	Spcl Cluster Gear 200 & 500	1
4	U0445-04	Pinion	1
5	U0015-05HD	Spline	1
6	U0718-06	Double Gear	1
7	U0209-07	Single Gear	1
8	U0008-15	Shifter Shaft	1

9	U0008-20	Retainer Plate	2
10	U0015-21	Counter Shaft	1
11	U0008-37	Shifter Handle	1
12	U0015-14	Shifter Fork	2
13	U0718-50	Shifter Guide Bar	1
14	U0015-51	Shifter Rod Hi	1
15	U0015-52	Shifter Rod Low	1
16	U0015-53	Shifter Finger	1
17	VBR125	Bearing (Web)	1
18	VBR130	Bearing W/Snap Ring	2
19		Not applicable on this model.	
20	VOB020	Oilite Bearing	2
21	VCG035	Cover Gasket DAU500	1
22	VDP005	Dowel Pin 1/8 x 3/4	2
23	VDS005	Drive Screw Kalon #2 3/16	8
24	VEP010	Expansion Plug 5/8	2
25	VEP015	Expansion Plug 7/8	1
26	VHH005	Hex Hd Cap Scr 5/16-18 x 7/8	8
27	VHH060	Hex Hd Cap Scr 3/8-16 x 4	4
28	VLB005	Shifter Lock Ball 3/8	2
29	VNB005	Needle Bearing 14/set	14
30	VNM040	Name Plate Set	1
31	VNW005	Nylon Washer 5/16	8
32	VNW010	Nylon Washer 3/8	4
33	VOS115	Oil Seal	2
34	VOS130	Oil Seal	2
35	VPP010	Pipe Plug 1/4 NPT	4
36	VPP020	Pipe Plug 1/2 NPT	1
37	VRG010	Retainer Gasket DAU 200/500	2
38	VRP005	Roll Pin 1/8 x 1	1
39	VRP010	Roll Pin 3/16 x 1	2
40	VRP015	Roll Pin 3/16 x 1 1/4	2
41	VRP020	Roll Pin 3/16 x 1 1/2	1
42	VSS010	Set Screw 1/4-20 x 1/2	1
43	VSR010	Snap Ring	5
44	VSS040	Set Screw 3/8-16 x 1/2	1
45	VTG005	Blank Oil Level Roemer	2
46	VTW035	Thrust Washer 25/32 x 1/16	2
47	VTW040	Thrust Washer 25/32 x 1/32	2
48	VTW045	Thrust Washer 25/32 x 1/64	2
49	VBH005	Breather 1/8	1
50	VSG010	Shifter Lock Spring 200/500	2
51	VSS035	Set Screw 3/8-16 x 3/8	1
	U500HD-0936-RBK	Rebuild Kit - Includes all items in Red	1



U1000STD

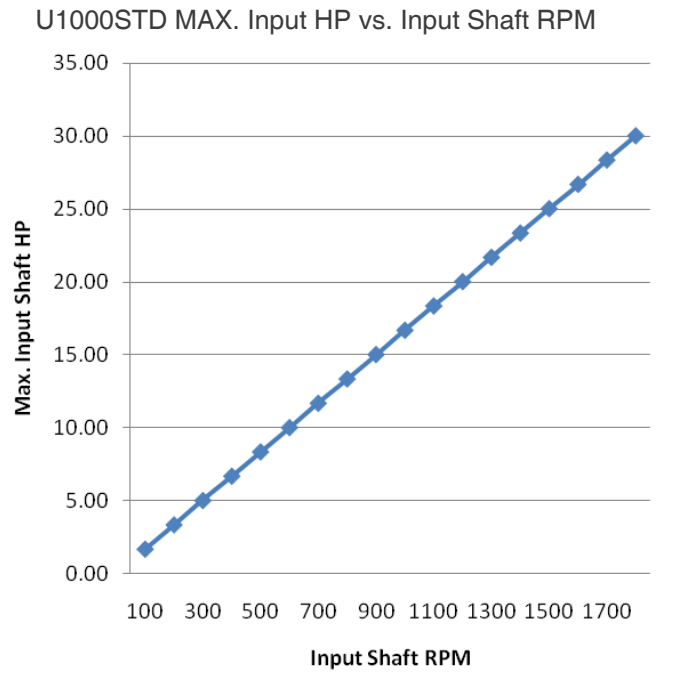
(Ratios = 1:1, 1.686:1, 3.092:1, 6.398:1)
(Input Shaft Diameter = 1.500" – Output Shaft Diameter = 1.500")

The U1000STD is assembled with a close grain cast iron housing and is capable of transmitting up to 30 horsepower at 1800 rpm. This model offers 4- different speeds, an overall length less than 27.5" with a width just over 12.25" and the handle can be attached to either side. The shafts of the U1000STD rotate in the same direction and the unit can be utilized as an increaser or reducer. If you would like additional information about the U1000STD please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

Previous applications include: Wire Winding and Scrap Winders

Horsepower and Torque Rating

Input Speed	Max. Input Hp**	Max. Input Torque
100	1.67	1317
200	3.33	1308
300	5.00	1300
400	6.67	1292
500	8.34	1283
600	10.00	1275
700	11.67	1267
800	13.34	1258
900	15.00	1250
1000	16.67	1242
1100	18.34	1233
1200	20.00	1225
1300	21.67	1217
1400	23.34	1208
1500	25.01	1200
1600	26.67	1192
1700	28.34	1183
1800	30.00	1050



*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

U1000STD 4-SPEED GEARBOX [MANUAL SHIFT]

RATIOS

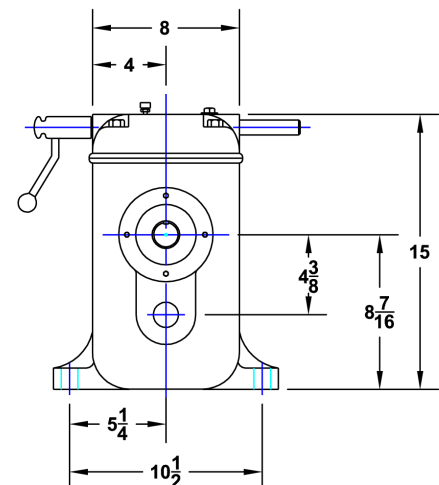
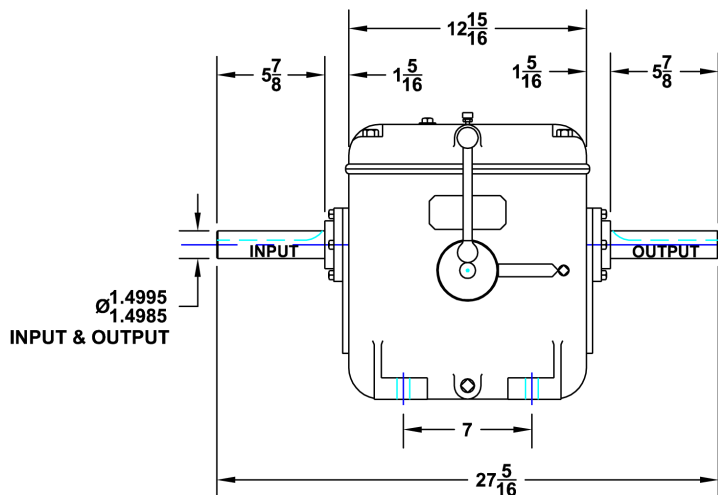
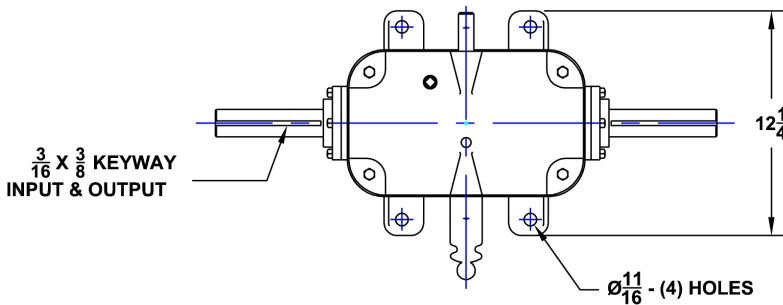
1.000	1.686	3.092	6.398
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30 HP MAXIMUM
1050 IN LBS MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 200 LBS.

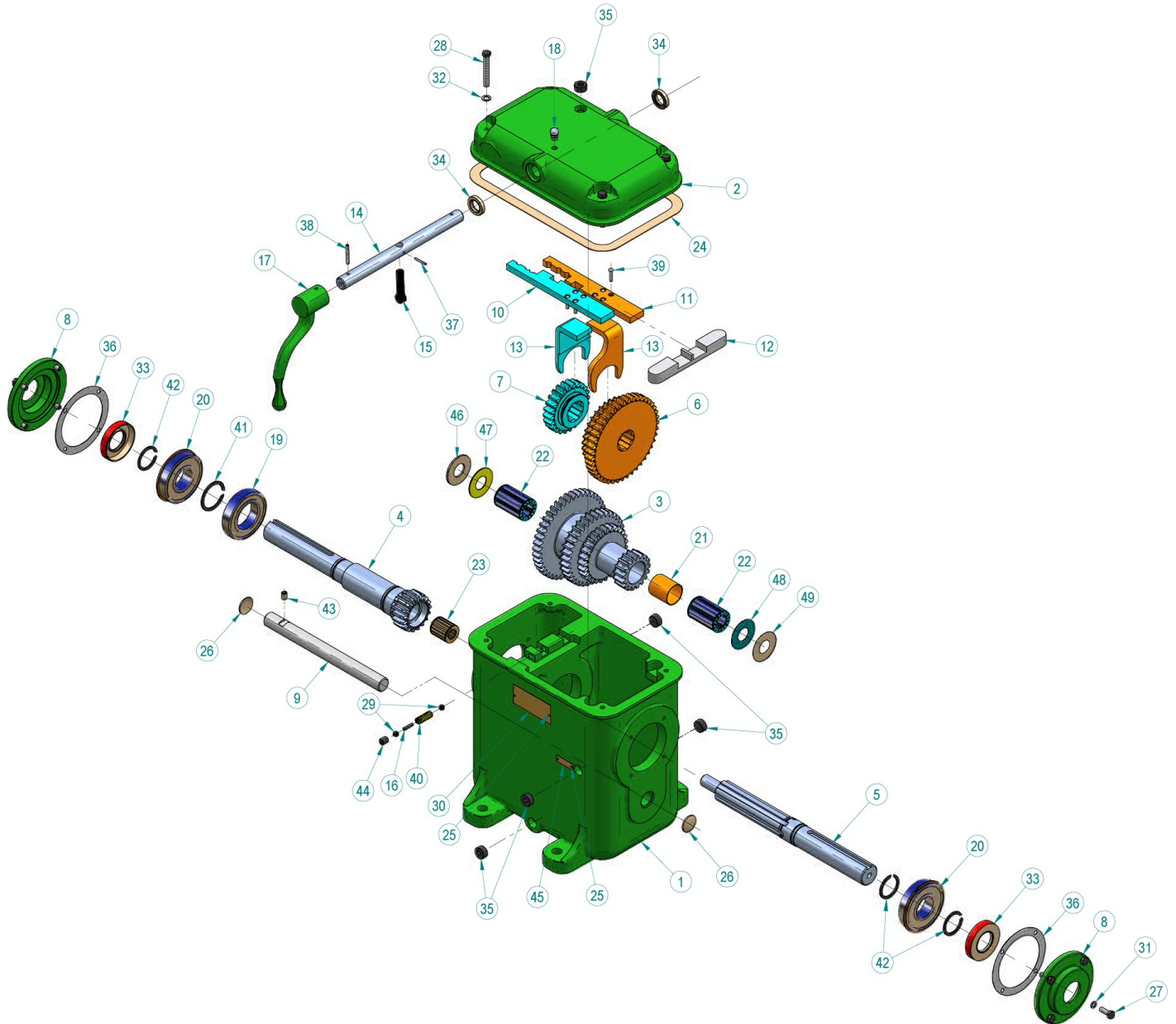
CONTACT SALES REPRESENTATIVES @ 800-689-3400
CUSTOM RATIO & SHAFT DESIGN ARE AVAILABLE

- OVERUNG LOAD CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- INPUT AND OUTPUT SHAFTS ROTATE IN THE SAME DIRECTION
- AVAILABLE AS A REDUCER OR INCREASER
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



U1000STD



Drive-All Manufacturing (U1000STD Parts List)

Item	Part Number	Description	Qty Per
1	U0028-01	Housing (Not sold as a separate part)	1
2	U0028-02	Cover (Not sold as a separate part)	1
3	U0028-03	Cluster Gear	1
4	U0028-04	Pinion	1

Drive-All Manufacturing (U1000STD Parts List)

Item	Part Number	Description	Qty Per
5	U0028-05	Spline	1
6	U0028-06	Double Gear	1
7	U0028-07	Single Gear	1
8	U0028-20	Retainer Plate	2
9	U0028-21	Counter Shaft	1
10	U0028-10	Shifter Bar 2nd & Hi	1
11	U0028-11	Shifter Bar 3rd & Low	1
12	U0028-12	Shifter Support Bar	1
13	U0028-14	Shifter Fork	2
14	U0028-15	Shifter Shaft	1
15	U0028-16	Shifter Finger	1
16	U0028-28	Shifter Lock Pin	1
17	U0008-37	Shifter Handle	1
18	VBH005	Breather 1/8	1
19	VBR135	Bearing Web	1
20	VBR170	Bearing w/ Snap Ring	2
21	U0028-38	Bearing Spacer (Formerly VBS010)	1
22	VCB035	Cage Bearing (Cluster)	2
23	VCB040	Cage Bearing (Pilot/Pin)	1
24	VCG060	Cover Gasket DAU1000	1
25	VDS005	Drive Screw Kalon #2 3/16	8
26	VEP030	Expansion Plug 1 1/4	2
27	VHH005	Hex Hd Cap Scr 5/16-18 x 7/8	8
28	VHH050	Hex Hd Cap Scr 3/8-16 x 2 1/2	4
29	VLB005	Shifter Lock Ball 3/8	2
30	VNM015	Name Plate 800/1000/1050 F/U Set	1
31	VNW005	Nylon Washer 5/16	8
32	VNW010	Nylon Washer 3/8	4
33	VOS090	Oil Seal	2
34	VOS115	Oil Seal	2
35	VPP020	Pipe Plug 1/2 NPT	5
36	VRG025	Retainer Gasket DAU 1000	2
37	VRP005	Roll Pin 1/8 x 1	1
38	VRP020	Roll Pin 3/16 x 1 1/2	1
39	VRV010	Rivet 3/16 x 1	8
40	VSG015	Shifter Lock Spring DAU 1000	1
41	VSR015	Snap Ring 210	1
42	VSR025	Snap Ring 308	3
43	VSS040	Set Screw 3/8-16 x 1/2	1
44	VSS055	Set Screw 7/16-14 x 1/2	1
45	VTG005	Tag Input	2
46	VTW050	Thrust Washer 1 x 1/8	1
47	VTW055	Thrust Washer 1 x 1/16	1
48	VTW060	Thrust Washer 1 x 1/32	1
49	VTW065	Thrust Washer 1 x 1/64	1
	U1000STD-RBK	Rebuild Kit - Includes all items in red	1

U1000-0944

(Ratios = 1:1, 2:1, 4:1, 6:1)

(Input Shaft Diameter = 1.500" – Output Shaft Diameter = 1.500")



The U1000-0944 shares the same casing as the U1000STD. The difference between the two models is their gear ratios. The U1000-0944 offers a compact footprint and can transmit up to 30 horsepower at 1800 rpm. Its overall length is less than 27.5" with a width of 12.25". The U1000-0944 offers 4 different speeds, the ability to attach the handle on either side, and the unit can be utilized as an increaser or reducer. If you would like additional information about the U1000-0944 please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at:

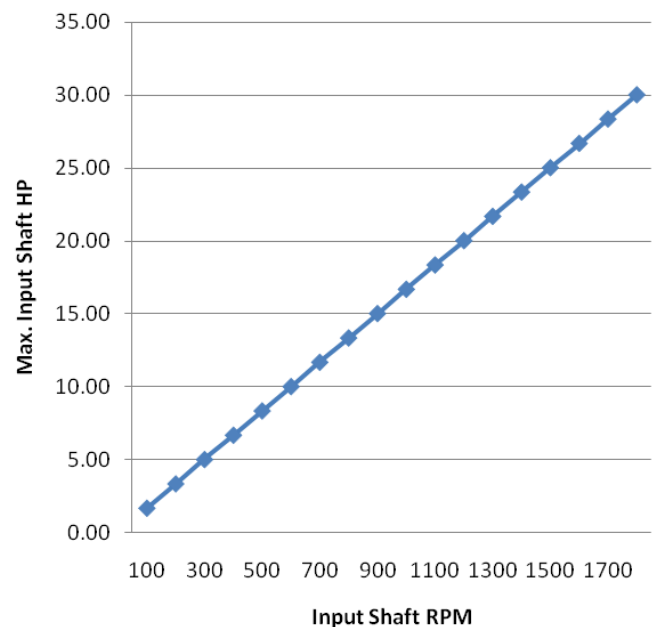
www.driveallmfg.com

"Previous applications include: Wire Winding and Scrap Winders".

Horsepower and Torque Rating

Input Speed	Max. Input Hp**	Max. Input Torque
100	1.67	1317
200	3.33	1308
300	5.00	1300
400	6.67	1292
500	8.34	1283
600	10.00	1275
700	11.67	1267
800	13.34	1258
900	15.00	1250
1000	16.67	1242
1100	18.34	1233
1200	20.00	1225
1300	21.67	1217
1400	23.34	1208
1500	25.01	1200
1600	26.67	1192
1700	28.34	1183
1800	30.00	1050

U1000-0944 MAX. Input HP vs. Input Shaft RPM



*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

U1000-0944 4-SPEED GEARBOX [MANUAL SHIFT]

30 HP MAXIMUM
1050 IN LBS MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 200 LBS.

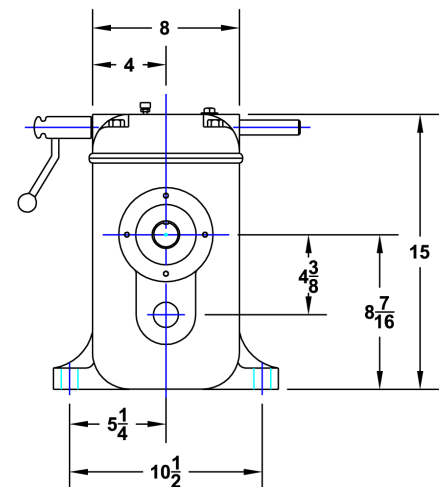
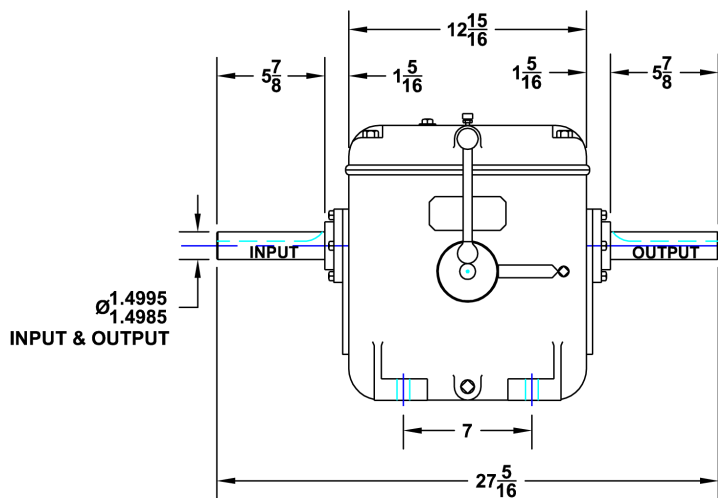
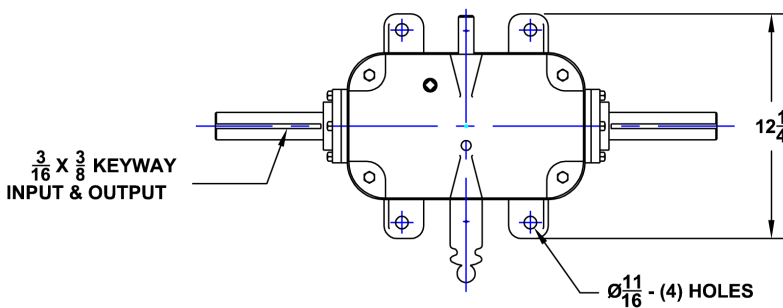
RATIOS

1.000	2.000	4.000	6.000
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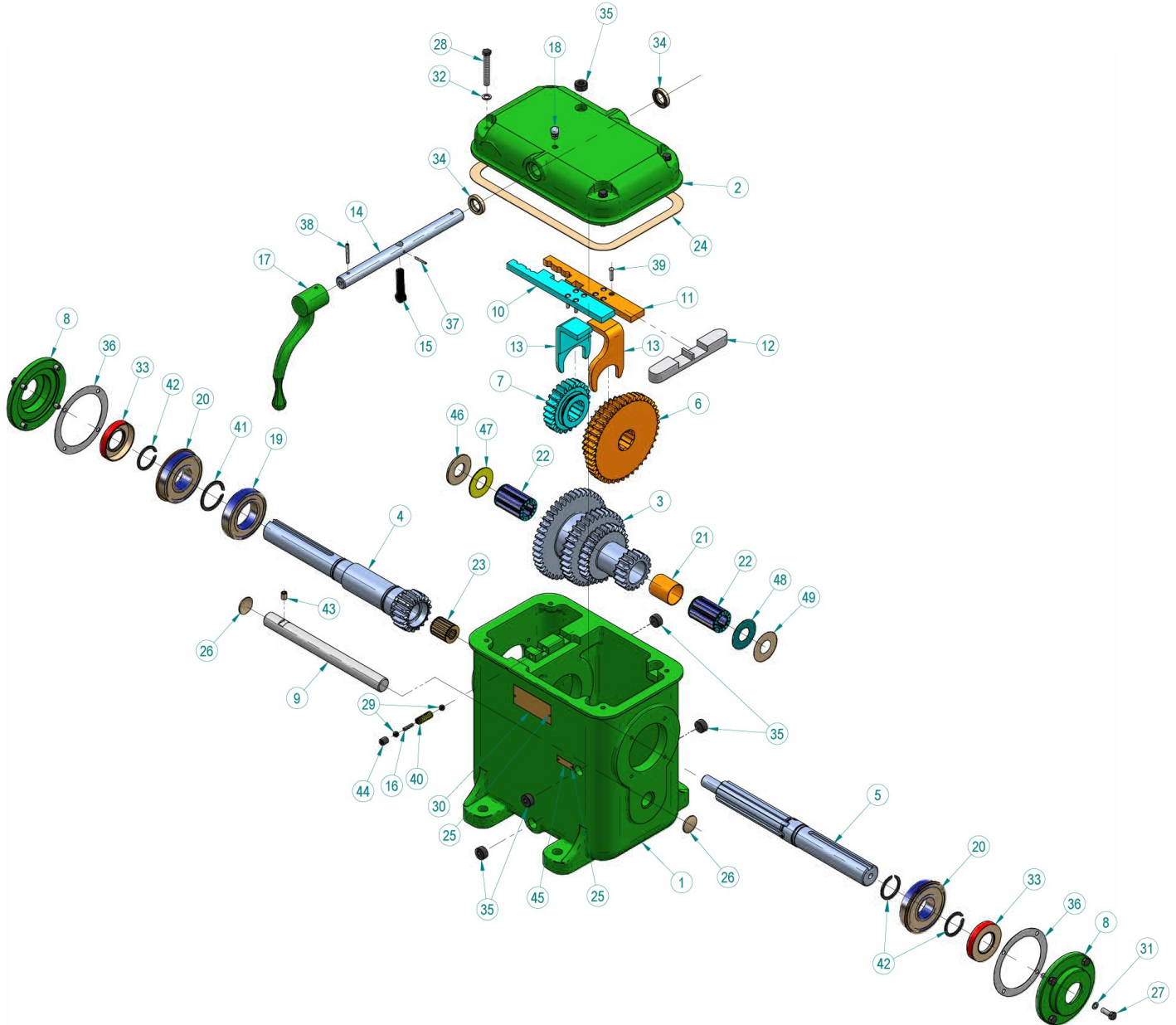
CONTACT SALES REPRESENTATIVES @ 800-689-3400
CUSTOM RATIO & SHAFT DESIGN ARE AVAILABLE

- OVERUNG LOAD CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- INPUT AND OUTPUT SHAFTS ROTATE IN THE SAME DIRECTION
- AVAILABLE AS A REDUCER OR INCREASER
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



U1000-0944



Drive-All Manufacturing (U1000-0944 Parts List)

Item	Part Number	Description	Qty Per
1	U0028-01	Housing (Not sold as a separate part)	1
2	U0028-02	Cover (Not sold as a separate part)	1
3	U0944-03	Cluster Gear	1
4	U0431-04	Pinion	1

Drive-All Manufacturing (U1000-0944 Parts List)

Item	Part Number	Description	Qty Per
5	U0028-05	Spline	1
6	U0944-06	Double Gear	1
7	U0431-07	Single Gear	1
8	U0028-20	Retainer Plate	2
9	U0028-21	Counter Shaft	1
10	U0028-10	Shifter Bar 2nd & Hi	1
11	U0028-11	Shifter Bar 3rd & Low	1
12	U0028-12	Shifter Support Bar	1
13	U0028-14	Shifter Fork	2
14	U0028-15	Shifter Shaft	1
15	U0028-16	Shifter Finger	1
16	U0028-28	Shifter Lock Pin	1
17	U0008-37	Shifter Handle	1
18	VBH005	Breather 1/8	1
19	VBR135	Bearing Web	1
20	VBR170	Bearing w/ Snap Ring	2
21		Not applicable to this unit.	
22	VBR180	Bearing (Pressed)	4
23	VCB040	Cage Bearing (Pilot/Pin)	1
24	VCG060	Cover Gasket DAU1000	1
25	VDS005	Drive Screw Kalon #2 3/16	8
26	VEP030	Expansion Plug 1 1/4	2
27	VHH005	Hex Hd Cap Scr 5/16-18 x 7/8	8
28	VHH050	Hex Hd Cap Scr 3/8-16 x 2 1/2	4
29	VLB005	Shifter Lock Ball 3/8	2
30	VNM040	Name Plate Set	1
31	VNW005	Nylon Washer 5/16	8
32	VNW010	Nylon Washer 3/8	4
33	VOS090	Oil Seal 1-1/2	2
34	VOS115	Oil Seal Nat. 7/8	2
35	VPP020	Pipe Plug 1/2 NPT	5
36	VRG025	Retainer Gasket DAU 1000	2
37	VRP005	Roll Pin 1/8 x 1	1
38	VRP020	Roll Pin 3/16 x 1 1/2	1
39	VRV010	Rivet 3/16 x 1	8
40	VSG015	Shifter Lock Spring DAU 1000	1
41	VSR015	Snap Ring	1
42	VSR025	Snap Ring	3
43	VSS040	Set Screw 3/8-16 x 1/2	1
44	VSS055	Set Screw 7/16-14 x 1/2	1
45	VTG005	Tag Input	2
46	VTW050	Thrust Washer 1 x 1/8	1
47	VTW055	Thrust Washer 1 x 1/16	1
48	VTW060	Thrust Washer 1 x 1/32	1
49	VTW065	Thrust Washer 1 x 1/64	1
	U0500HD-0936- RBK	Rebuild Kit - Includes all items in red	1

U1050STD

(Ratios = 1:1, 1.686:1, 3.092:1, 6.398:1)

(Input Shaft Diameter = 2.00" – Output Shaft Diameter = 2.00")



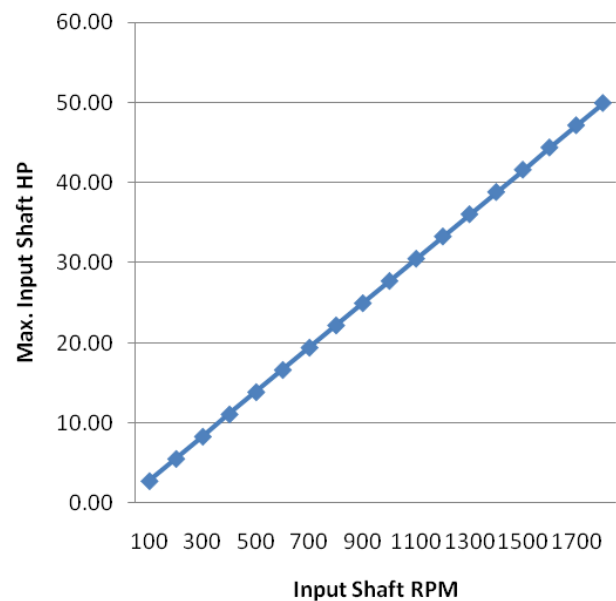
The U1050STD is the largest of the upright models. It is assembled with a close grain cast iron housing and is capable of transmitting up to 50 horsepower at 1800 rpm. This model offers 4 different speeds, an overall length less than 29" with a width just over 12.25", and the handle can be attached to either side. The shafts of the U1050STD rotate in the same direction and the unit can be utilized as an increaser or reducer. If you would like additional information about the U1050STD please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

Previous application include: Large Wire Winders and Roll Forming

Horsepower and Torque Rating

Input Speed	Max. Input Hp**	Max. Input Torque
100	2.78	2224
200	5.56	2197
300	8.33	2171
400	11.11	2144
500	13.89	2118
600	16.67	2092
700	19.45	2065
800	22.22	2039
900	25.00	2012
1000	27.78	1986
1100	30.56	1960
1200	33.34	1933
1300	36.11	1907
1400	38.89	1881
1500	41.67	1854
1600	44.45	1828
1700	47.23	1801
1800	50.00	1750

U1050STD MAX. Input HP vs. Input Shaft RPM



*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

U1050STD 4-SPEED GEARBOX [MANUAL SHIFT]

50 HP MAXIMUM
1750 IN LBS MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 225 LBS.

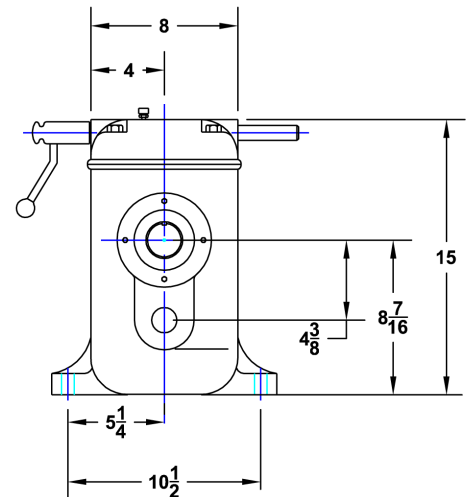
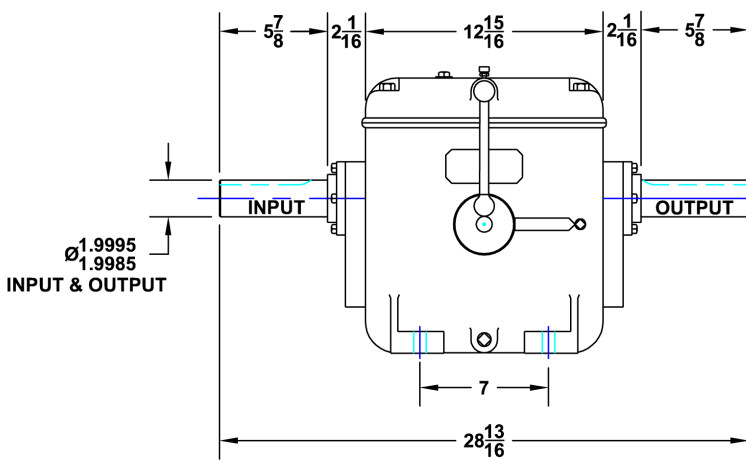
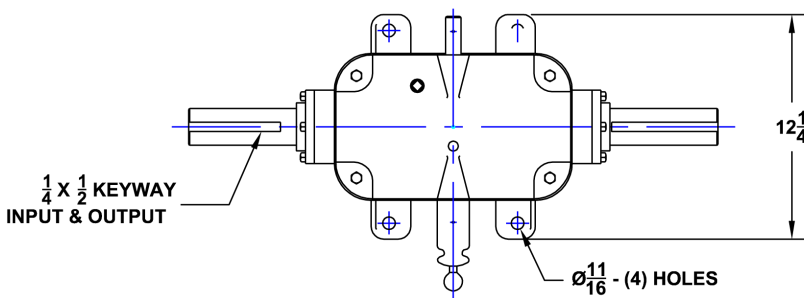
RATIOS

1.000	1.686	3.092	6.398
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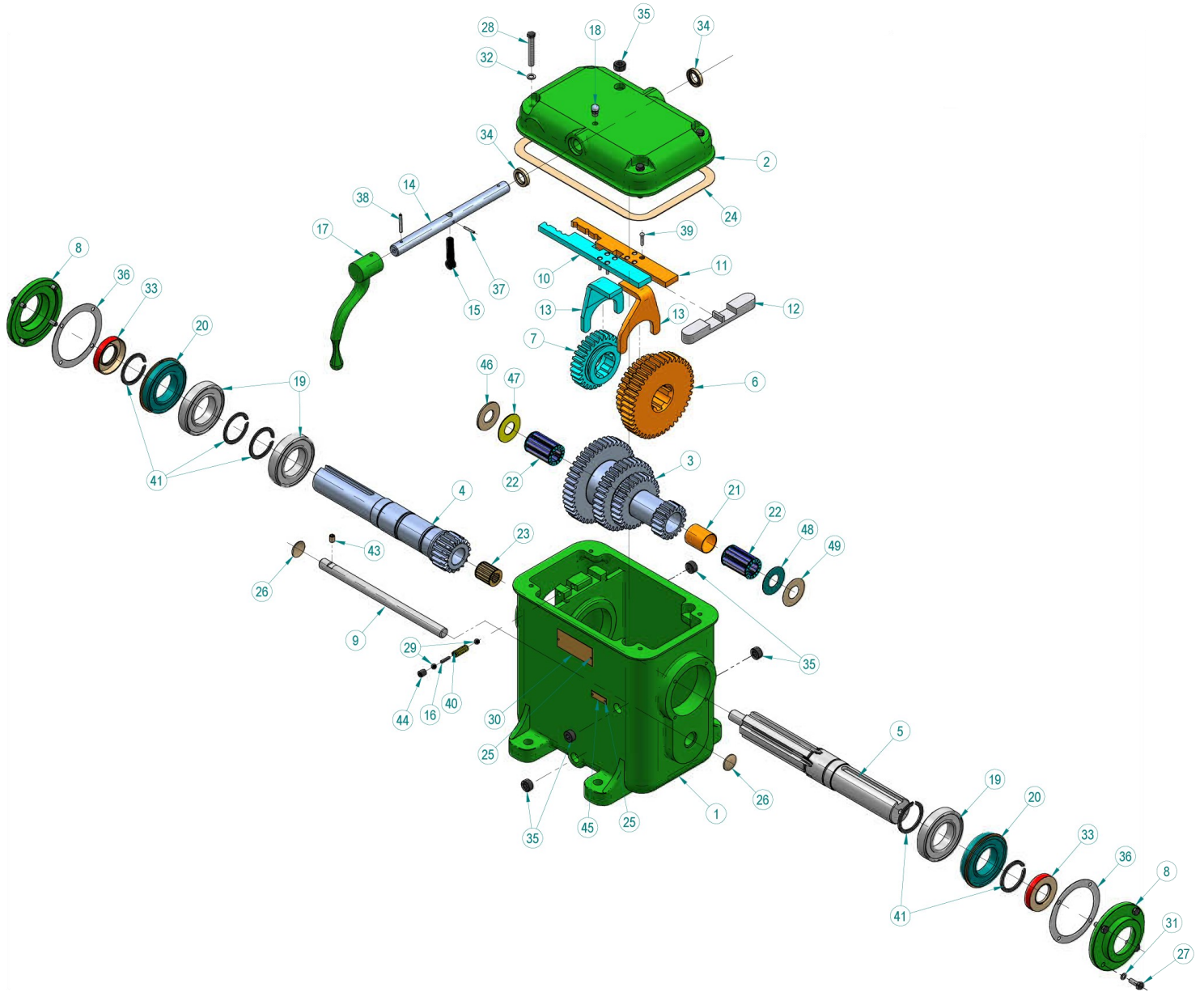
CONTACT SALES REPRESENTATIVES @ 800-689-3400
CUSTOM RATIO & SHAFT DESIGN ARE AVAILABLE

- OVERUNG LOAD CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- INPUT AND OUTPUT SHAFTS ROTATE IN THE SAME DIRECTION
- AVAILABLE AS A REDUCER OR INCREASER
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



U1050STD



Drive-All Manufacturing (U1050STD Parts List)

Item	Part Number	Description	Qty Per
1	U1050-01	Housing (Not sold as a separate part)	1
2	U0028-02	Cover (Not sold as a separate part)	1
3	U1050-03	Cluster Gear	1
4	U1050-04	Pinion	1

Drive-All Manufacturing (U1050STD Parts List)

5	U1050-05	Spline	1
6	U1050-06	Double Gear	1
7	U1050-07	Single Gear	1
8	U1050-20	Retainer Plate	2
9	U1050-21	Counter Shaft	1
10	U1050-10	Shifter Bar 2nd & Hi	1
11	U1050-11	Shifter Bar 3rd & Low	1
12	U0028-12	Shifter Support Bar	1
13	U1050-14	Shifter Fork	2
14	U0028-15	Shifter Shaft	1
15	U1050-16	Shifter Finger	1
16	U0028-28	Shifter Lock Pin	1
17	U0008-37	Shifter Handle	1
18	VBH005	Breather 1/8	1
19	VBR150	Bearing 6211	3
20	VBR155	Bearing w/ Snap Ring	2
21	U0028-38	Bearing Spacer (Formerly VBS010)	1
21	U1050-38	Bearing Spacer (Used with U0028-38)	1
22	VCB035	Cage Bearing (Cluster)	2
23	VCB040	Cage Bearing (Pilot/Pin)	1
24	VCG060	Cover Gasket DAU1000	1
25	VDS005	Drive Screw Kalon #2 3/16	8
26	VEP030	Expansion Plug 1 1/4	2
27	VHH005	Hex Hd Cap Scr 5/16-18 x 7/8	8
28	VHH050	Hex Hd Cap Scr 3/8-16 x 2 1/2	4
29	VLB005	Shifter Lock Ball 3/8	2
30	VNM015	Name Plate 800/1000/1050 F/U Set	1
31	VNW005	Nylon Washer 5/16	8
32	VNW010	Nylon Washer 3/8	4
33	VOS100	Oil Seal	2
34	VOS115	Oil Seal	2
35	VPP020	Pipe Plug 1/2 NPT	4
36	VRG025	Retainer Gasket DAU 1000	2
37	VRP005	Roll Pin 1/8 x 1	1
38	VRP020	Roll Pin 3/16 x 1 1/2	1
39	VRV010	Rivet 3/16 x 1	8
40	VSG015	Shifter Lock Spring DAU 1000	1
41	VSR020	Snap Ring 211	1
42	VSR020	Snap Ring 211	4
43	VSS040	Set Screw 3/8-16 x 1/2	1
44	VSS055	Set Screw 7/16-14 x 1/2	1
45	VTG005	Blank Oil Level Roemer	2
46	VTW050	Thrust Washer 1 x 1/8	1
47	VTW055	Thrust Washer 1 x 1/16	1
48	VTW060	Thrust Washer 1 x 1/32	1
49	VTW065	Thrust Washer 1 x 1/64	1
	U1050STD-RBK	Rebuild Kit - Includes all items in red	1

Drive-All Manufacturing Company
6401 Bricker Road
Avoca, MI 48006
1-800-689-3400
www.DriveallMfg.com

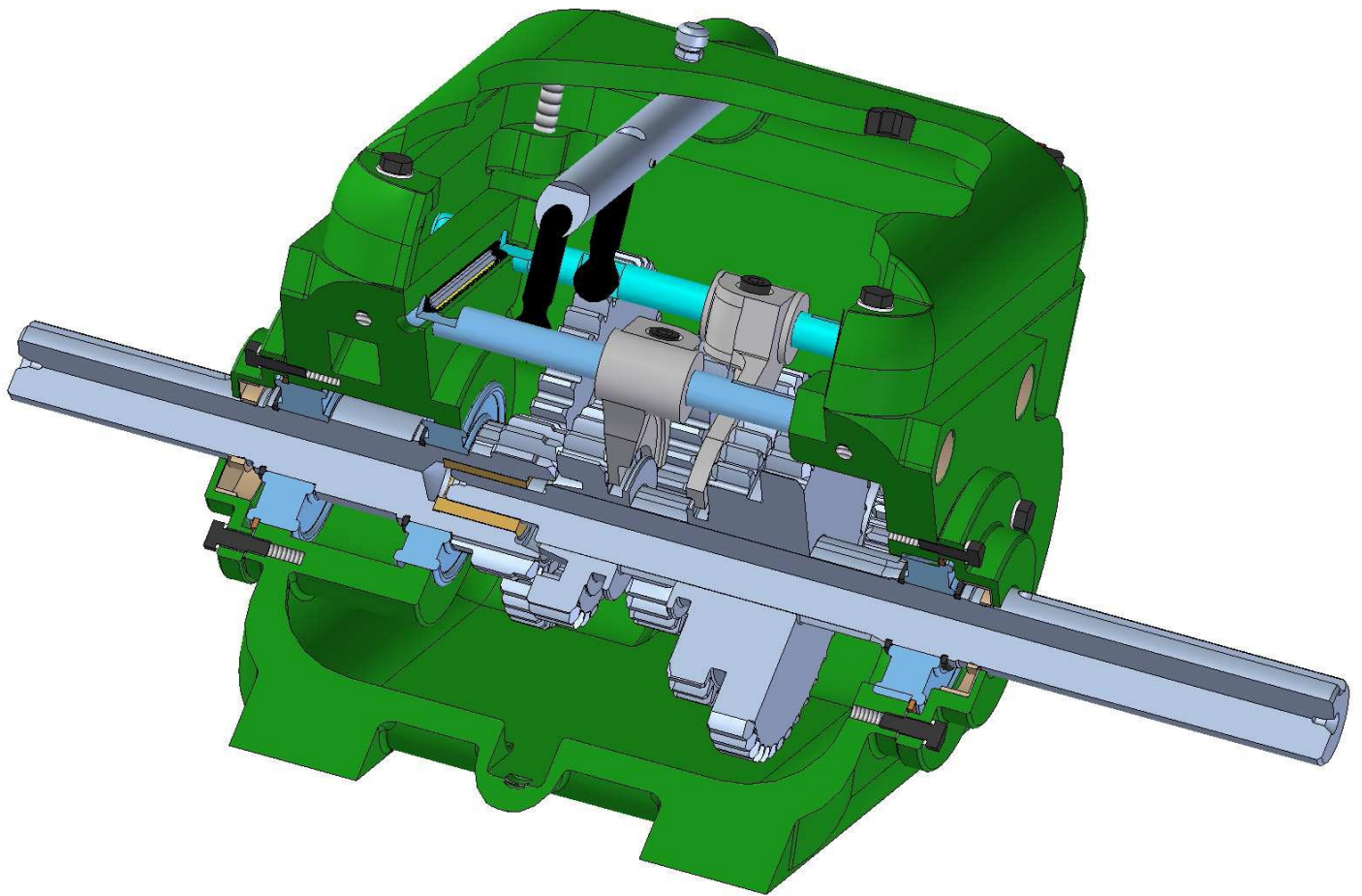
DRIVE  **ALL**
INDUSTRIAL MULTI-SPEED GEARBOXES

DRIVE ALL

INDUSTRIAL MULTI-SPEED GEARBOXES

Low Profile Series





Model	Max. Input Hp	Max. Input Torque	Ratios
F0200STD	2	70 in. lbs.	1:1
			1.824:1
			3.039:1
			4.012:1
F0500STD	5	175 in. Lbs.	1:1
			1.824:1
			3.039:1
			4.012:1
F0500HD	10	350 in. lbs.	1:1
			1.824:1
			3.039:1
			4.012:1
F0800STD	20	700 in. lbs.	1:1
			1.686:1
			3.092:1
			6.398:1
F1000STD	30	1075 in. lbs.	1:1
			1.686:1
			3.092:1
			6.398:1
F1050STD	50	1750 in. lbs.	1:1
			1.686:1
			3.092:1
			6.398:1

*All gearboxes rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

Low Profile Series

The Low Profile series offers tremendous flexibility with capacities ranging from fractional to 50 horsepower at a reasonable cost.

Drive-All Low Profile standard models offer:

- 4 different speeds
- Input and output shafts rotate in the same direction
- Shafts are bi-directional (can rotate either clockwise or counterclockwise)
- can be utilized as an increaser or a reducer (maximum of 1800 RPM)

Drive-All has created hundreds of different models over the years. The models listed above have historically been the best selling in this series and are available to be shipped within 5 business days or less. If you would like information in regards to additional models that have been previously engineered and built please visit the Drive-All website listed below.

Drive-All Multi-Speed Gearboxes are designed to provide years of reliable service. In order to achieve the anticipated life expectancy it is imperative the gearbox installed is sized correctly and maintained properly. In order to verify which gearbox is the best fit for your application and receive information about proper maintenance, please visit the Drive-All website or contact one of our sales representatives at:

www.driveallmfg.com
1-800-689-3400

F0200STD

(Ratios = 1:1, 1.824:1, 3.039:1, 4.012:1)
(Input Shaft Diameter = 1.00" – Output Shaft Diameter = 1.00")



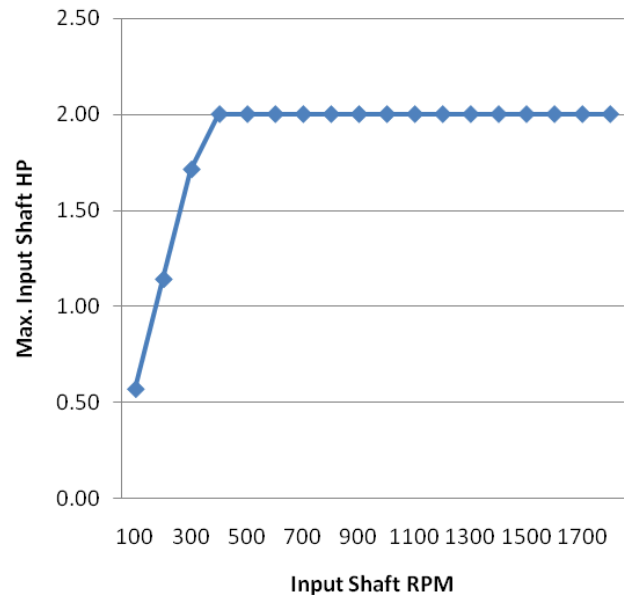
The F0200STD is the smallest of the Low Profile models. It offers a shorter profile so it can fit in tight spaces and can transmit up to 2 horsepower at 1800 rpm. It is assembled with a close grain cast iron housing and is less than 8" tall. It offers 4 different speeds and the handle can be attached on either side. The shafts of the F0200STD rotate in the same direction and the unit can be utilized as an increaser or reducer. If you would like additional information about the F0200STD please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

Previous applications include: Portable Wire Winders, Fish Hatcheries, Bulk Food Processing, and Insulation Blowers

Horsepower and Torque Rating

Input Speed	Max. Input Hp**	Max. Input Torque
100	0.57	375
200	1.14	350
300	1.71	325
400	2.00	300
500	2.00	252
600	2.00	210
700	2.00	180
800	2.00	158
900	2.00	140
1000	2.00	126
1100	2.00	115
1200	2.00	105
1300	2.00	97
1400	2.00	90
1500	2.00	84
1600	2.00	79
1700	2.00	74
1800	2.00	70

F0200STD MAX. Input HP vs. Input Shaft RPM



*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

F0200STD 4-SPEED GEARBOX [MANUAL SHIFT]

RATIOS

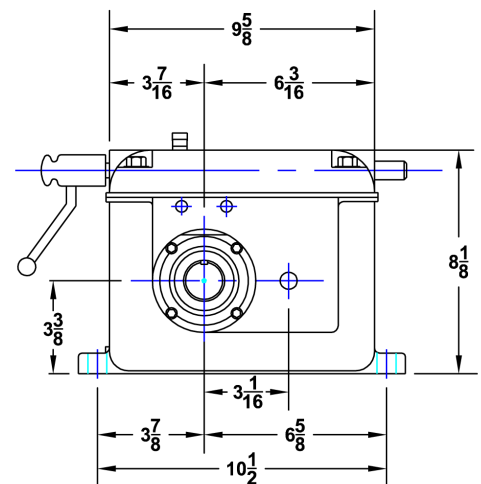
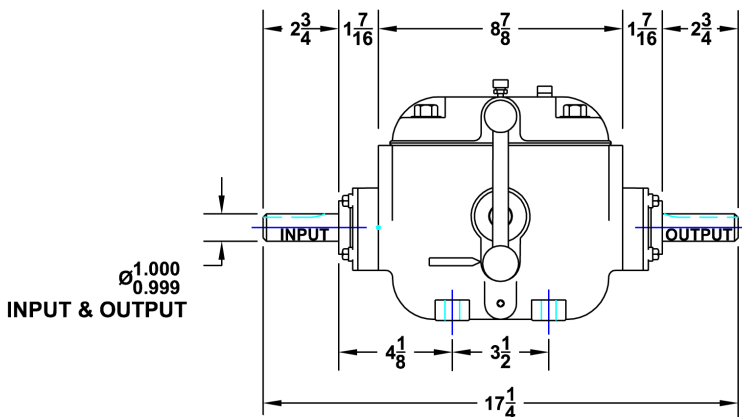
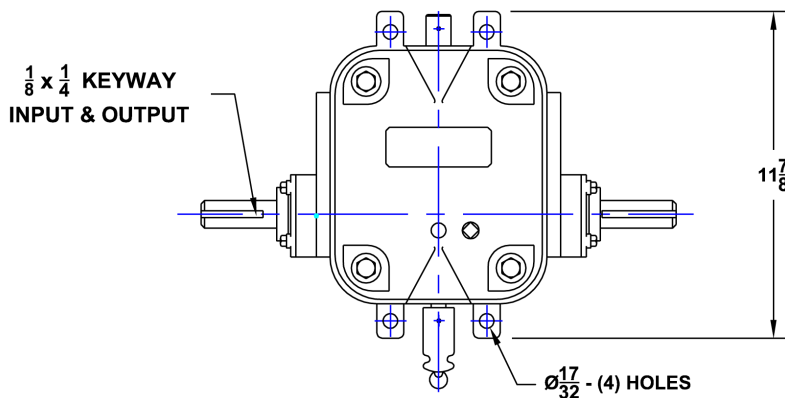
2 HP MAXIMUM
70 IN LBS MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 75 LBS.

1.000	1.824	3.039	4.012
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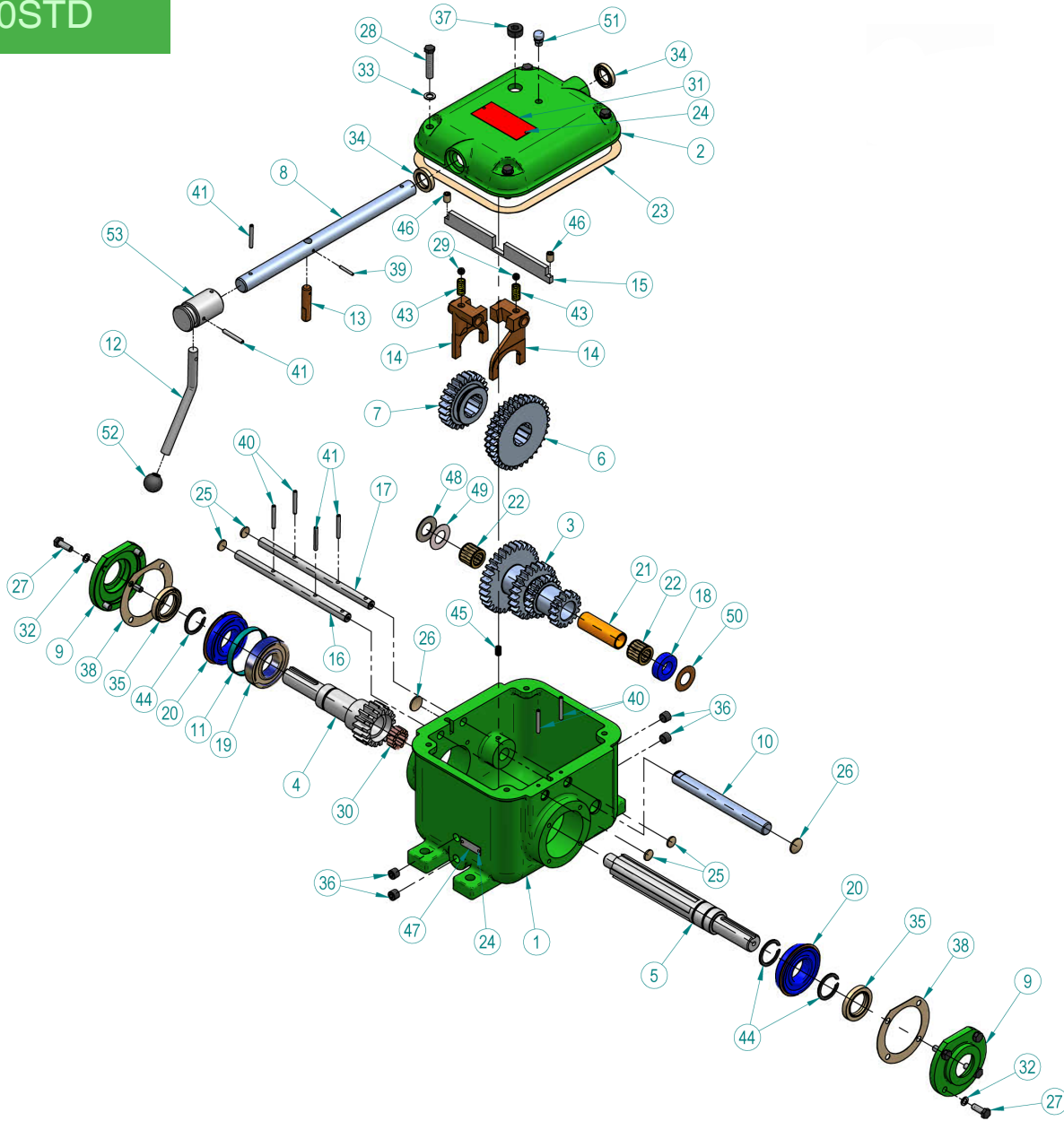
CONTACT SALES REPRESENTATIVES @ 800-689-3400
CUSTOM RATIO & SHAFT DESIGN ARE AVAILABLE

- OVERUNG LOAD CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- INPUT AND OUTPUT SHAFTS ROTATE IN THE SAME DIRECTION
- AVAILABLE AS A REDUCER OR INCREASER
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



F0200STD



Drive-All Manufacturing (F0200STD Parts List)

Item	Part Number	Description	Qty Per
1	F0008-01	Housing (Not sold as a separate part.)	1
2	F0008-02	Cover (Not sold as a separate part.)	1
3	U0008-03	Cluster Gear	1
4	F0008-04	Pinion	1
5	F0008-05	Spline	1
6	U0008-06	Double Gear	1
7	U0008-07	Single Gear	1

Drive-All Manufacturing (F0200STD Parts List)

8	F0008-15	Shifter Shaft	1
9	U0008-20	Retainer Plate	2
10	F0008-21	Counter Shaft	1
11	F0008-23	Bearing Spacer	1
12	F1000-37B	Shifter Handle - Bent	1
13	F0008-53	Shifter Finger	1
14	U0015-14	Shifter Fork	2
15	F0008-50	Shifter Guide Bar	1
16	F0008-51A	Shifter Rod High	1
17	F0008-52A	Shifter Rod Low	1
18	F0008-60	Cluster Spacer	1
19	VBR125	Bearing	1
20	VBR130	Bearing w/Snap Ring	2
21	VBS005	Bearing Spacer	1
22	VCB010	Cage Bearing (Cluster)	2
23	VCG017	Cover Gasket DAF 200	1
24	VDS005	Drive Screw Kalon #2 3/16	8
25	VEP010	Expansion Plug 5/8	4
26	VEP015	Expansion Plug 7/8	2
27	VHH005	Hex Hd Cap Screw 5/16-18 x 7/8	8
28	VHH040	Hex Hd Cap Screw 3/8-16 x 1 3/4	4
29	VLB005	Shifter Lock Ball 3/8	2
30	VNB005	Needle Bearing 14/set	14
31	VNM010	Name Plate 200/500 F/U Set	1
32	VNW005	Nylon Washer 5/16	8
33	VNW010	Nylon Washer 3/8	4
34	VOS115	Oil Seal	2
35	VOS130	Oil Seal	2
36	VPP010	Pipe Plug 1/4 NPT	4
37	VPP020	Pipe Plug 1/2 NPT	1
38	VRG010	Retainer Gasket DAU 200/500	2
39	VRP005	Roll Pin 1/8 x 1	1
40	VRP020	Roll Pin 3/16 x 1 1/2	4
41	VRP010	Roll Pin 3/16 x 1	4
42		Discontinued - Use #40 as replacement.	
43	VSG010	Shifter Lock Spring 200/500	2
44	VSR010	Snap Ring	3
45	VSS025	Set Screw 5/16-18 x 1/2	1
46	VSS035	Set Screw 3/8-16 x 3/8	2
47	VTG005	Blank Oil Level Roemer	2
48	VTW035	Thrust Washer 25/32 x 1/16	2
49	VTW040	Thrust Washer 25/32 x 1/32	2
50	VTW045	Thrust Washer 25/32 x 1/64	2
51	VBH005	Breather 1/8	1
52	VSK005	Shifter Knob 1"	1
53	F1000-37A	Handle Knob	1
	F0200STD-RBK	Rebuild Kit - Includes all items in red	1

F0500STD

(Ratios = 1:1, 1.824:1, 3.039:1, 4.012:1)

(Input Shaft Diameter = 1.250" – Output Shaft Diameter = 1.250")



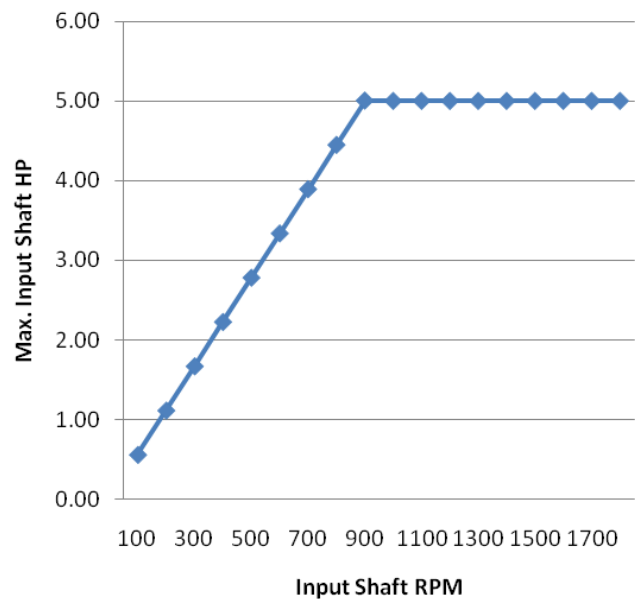
The F0500STD is less than 9" tall and is designed to fit in to smaller spaces. This model is assembled with a close grain cast iron housing and is capable of transmitting up to 5 horsepower at 1800 rpm. The F0500STD offers 4 different speeds and the ability to attach the handle to either side. The shafts of the F0500STD rotate in the same direction and the unit can be utilized as an increaser or reducer. If you would like additional information about the F0500STD please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

Previous applications include: Mining Industry, Fabric Winding, Turn Table Machinery, and Wire Winding

Horsepower and Torque Rating

Input Speed	Max. Input Hp**	Max. Input Torque
100	0.56	576
200	1.11	554
300	1.67	533
400	2.22	511
500	2.78	490
600	3.34	468
700	3.89	450
800	4.45	405
900	5.00	360
1000	5.00	330
1100	5.00	300
1200	5.00	275
1300	5.00	250
1400	5.00	230
1500	5.00	210
1600	5.00	202
1700	5.00	193
1800	5.00	175

F0500STD MAX. Input HP vs. Input Shaft RPM



*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

F0500STD 4-SPEED GEARBOX [MANUAL SHIFT]

RATIOS

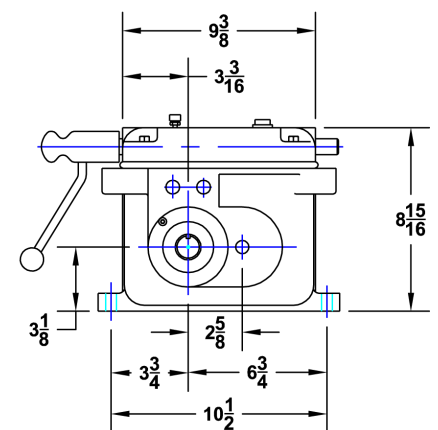
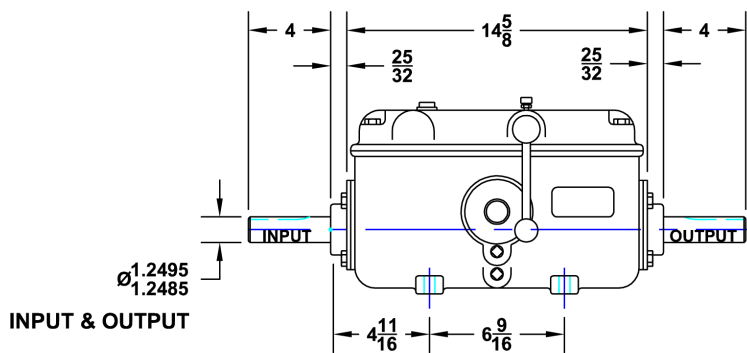
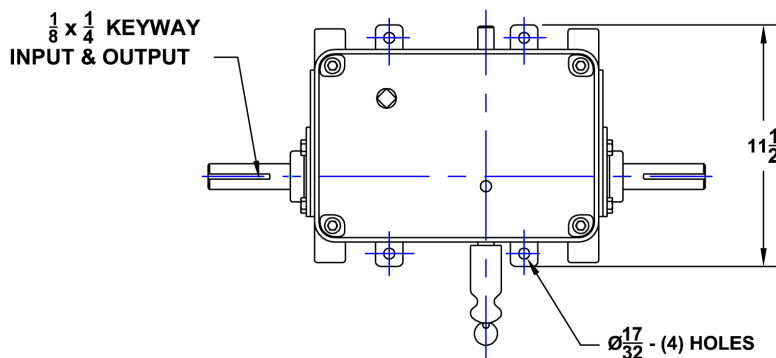
5 HP MAXIMUM
175 IN LBS MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 130 LBS.

1.000	1.824	3.039	4.012
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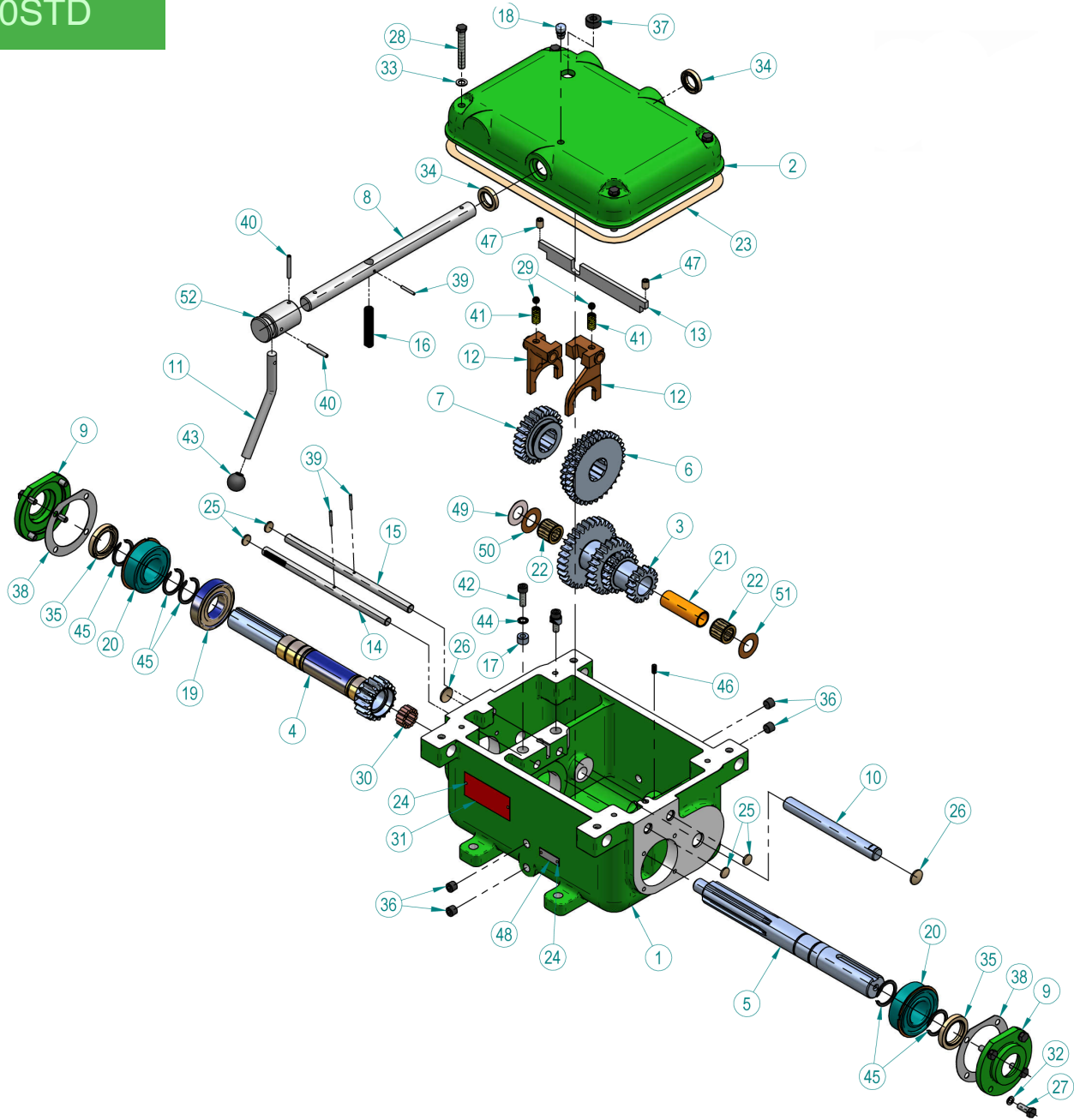
CONTACT SALES REPRESENTATIVES @ 800-689-3400
CUSTOM RATIO & SHAFT DESIGN ARE AVAILABLE

- OVERUNG LOAD CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- INPUT AND OUTPUT SHAFTS ROTATE IN THE SAME DIRECTION
- AVAILABLE AS A REDUCER OR INCREASER
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



F0500STD



Drive-All Manufacturing (F0500STD Parts List)

Item	Part Number	Description	Qty Per
1	F0015-01	Housing (Not sold as a separate part.)	1
2	F0015-02	Cover (Not sold as a separate part.)	1
3	U0008-03	Cluster Gear	1
4	U0015-04	Pinion	1
5	F0015-05	Spline	1
6	U0008-06	Double Gear	1

Drive-All Manufacturing (F0500STD Parts List)

7	U0008-07	Single Gear	1
8	F0015-15	Shifter Shaft	1
9	U0008-20	Retainer Plate	2
10	U0015-21	Counter Shaft	1
11	F1000-37B	Shifter Handle - Bent	1
12	U0015-14	Shifter Fork	2
13	F0015-50	Shifter Guide Bar	1
14	F0015-51	Shifter Rod	1
15	F0015-52	Shifter Rod	1
16	U0015-53	Shifter Finger	1
17	S0004-64	Shifter Jack Lock	2
18	VBH005	Breather 1/8	1
19	VBR125	Bearing (Web)	1
20	VBR130	Bearing w/Snap Ring	2
21	VBS005	Bearing Spacer	1
22	VCB010	Cage Bearing	2
23	VCG017	Cover Gasket DAF500 - Discontinued	
24	VDS005	Drive Screw Kalon #2 3/16	8
25	VEP010	Expansion Plug 5/8	4
26	VEP015	Expansion Plug 7/8	2
27	VHH005	Hex Hd Cap Screw 5/16-18 x 7/8	8
28	VHH050	Hex Hd Cap Screw 3/8-16 x 2 1/2	4
29	VLB005	Shifter Lock Ball 3/8	2
30	VNB005	Needle Bearing 14/set	14
31	VNM010	Name Plate 200/500 F/U Set	1
32	VNW005	Nylon Washer 5/16	8
33	VNW010	Nylon Washer 3/8	4
34	VOS115	Oil Seal	2
35	VOS130	Oil Seal	2
36	VPP010	Pipe Plug 1/4 NPT	4
37	VPP020	Pipe Plug 1/2 NPT	1
38	VRG010	Retainer Gasket DAU 200/500	2
39	VRP005	Roll Pin 1/8 x 1	3
40	VRP020	Roll Pin 3/16 x 1 1/2	1
41	VSG010	Shifter Lock Spring 200/500	2
42	VSH035	Skt Hd Cap Scr 5/16-18 x 1	2
43	VSK005	Shifter Knob 1"	1
44	VSP005	Washer, Shake Proof 5/16	2
45	VSR010	Snap Ring	5
46	VSS010	Set Screw 1/4-20 x 1/2	1
47	VSS055	Set Screw 7/16-14 x 1/2	2
48	VTG005	Blank Oil Level Roemer	2
49	VTW035	Thrust Washer 25/32 x 1/16	2
50	VTW040	Thrust Washer 25/32 x 1/32	2
51	VTW045	Thrust Washer 25/32 x 1/64	2
52	F1000-37A	Handle Knob	1
	F0500STD-RBK	Rebuild Kit - Includes all items in red	1



F0500HD

(Ratios = 1:1, 1.824:1, 3.039:1, 4.012:1)
(Input Shaft Diameter = 1.250" – Output Shaft Diameter = 1.375")

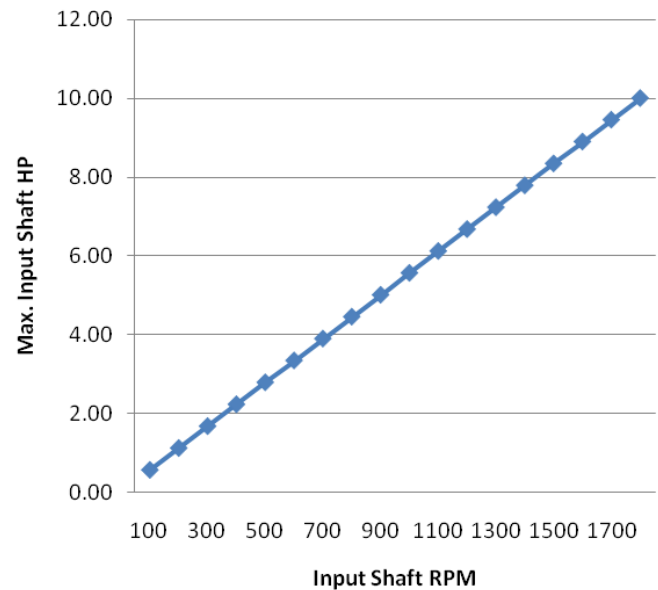
The F0500HD is less than 9" tall and is designed to fit in to smaller spaces. This model is assembled with a close grain cast iron housing and is capable of transmitting up to 10 horsepower at 1800 rpm. The F0500HD offers 4 different speeds and the handle can be attached to either side. The shafts of the F0500HD rotate in the same direction and the unit can be utilized as an increaser or reducer. If you would like additional information about the F0500HD please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive All web-site at: www.driveallmfg.com

Previous applications include: Mining Industry, Fabric Winding, Turn Table Machinery, and Wire Winding

Horsepower and Torque Rating

Input Speed	Max. Input Hp**	Max. Input Torque
100	0.56	586
200	1.11	572
300	1.67	558
400	2.22	544
500	2.78	531
600	3.34	517
700	3.89	503
800	4.45	489
900	5.00	475
1000	5.56	461
1100	6.12	447
1200	6.67	433
1300	7.23	419
1400	7.78	406
1500	8.34	392
1600	8.90	378
1700	9.45	364
1800	10.00	350

F0200HD MAX. Input HP vs. Input Shaft RPM



*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

F0500HD 4-SPEED GEARBOX [MANUAL SHIFT]

RATIOS

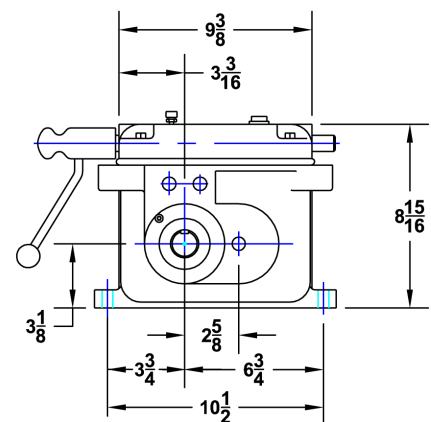
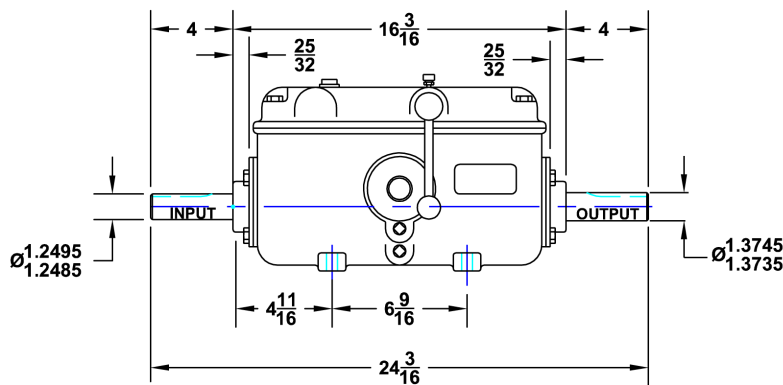
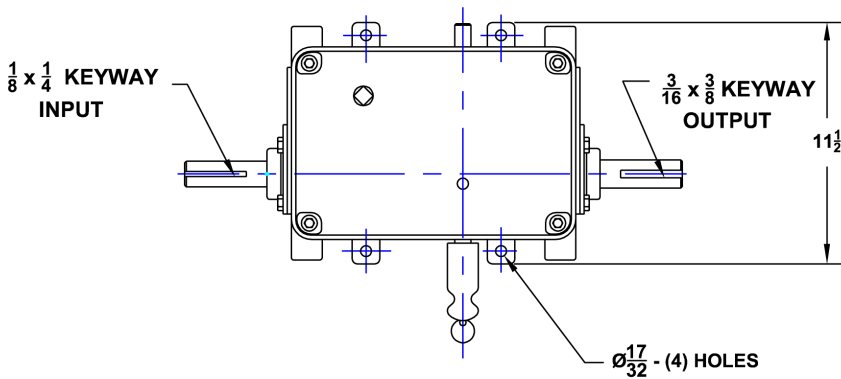
1.000	1.824	3.039	4.012
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10 HP MAXIMUM
350 IN LBS MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 130 LBS.

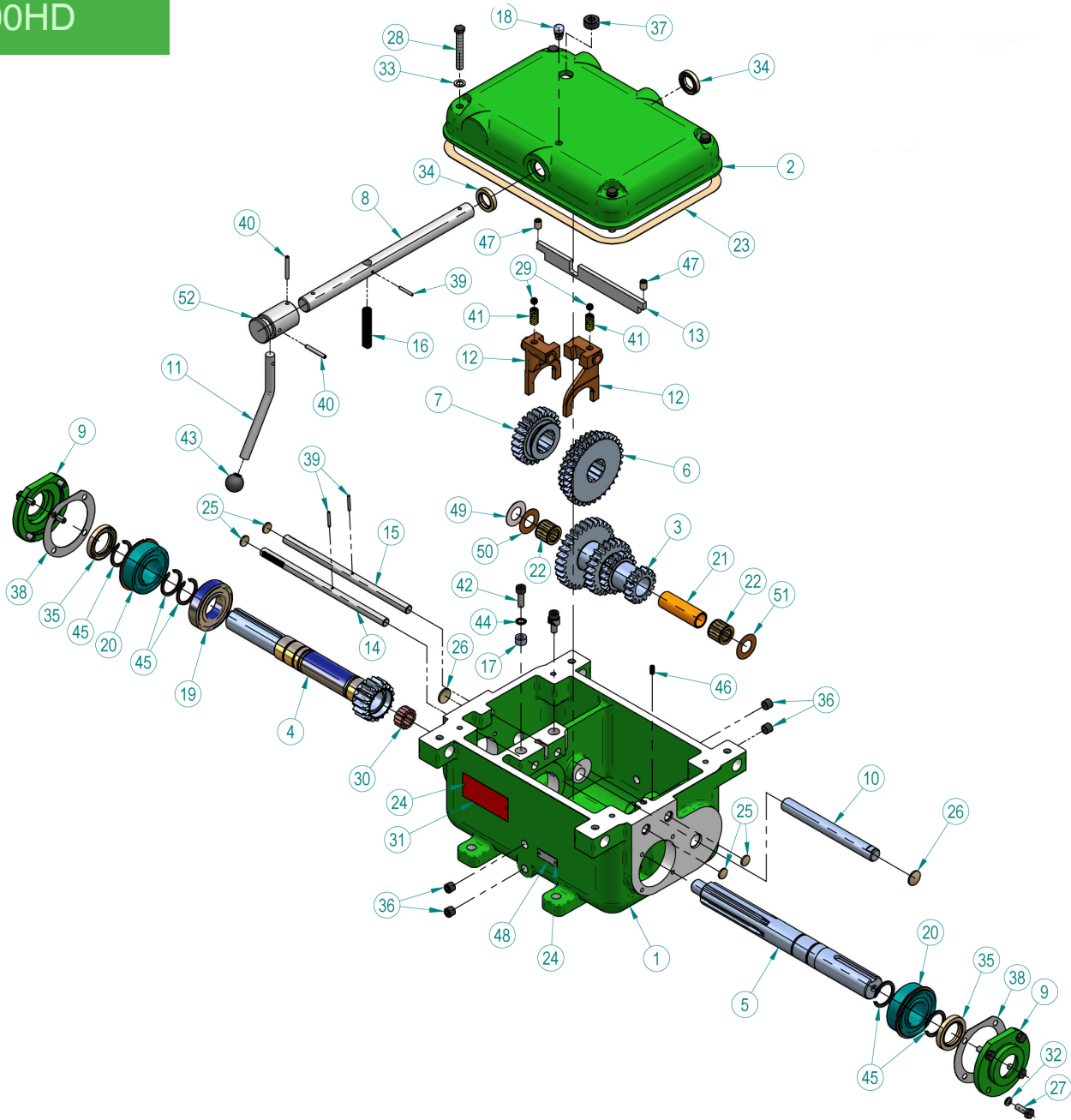
CONTACT SALES REPRESENTATIVES @ 800-689-3400
CUSTOM RATIO & SHAFT DESIGN ARE AVAILABLE

- OVERUNG LOAD CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- INPUT AND OUTPUT SHAFTS ROTATE IN THE SAME DIRECTION
- AVAILABLE AS A REDUCER OR INCREASER
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



F0500HD



Drive-All Manufacturing (F0500HD Parts List)

Item	Part Number	Description	Qty Per
1	F0015-01	Housing (Not sold as a separate part.)	1
2	F0015-02	Cover (Not sold as a separate part.)	1
3	U0008-03	Cluster Gear	1
4	U0015-04	Pinion	1
5	F0015-05HD	Spline	1
6	U0008-06	Double Gear	1

Drive-All Manufacturing (F0500HD Parts List)

7	U0008-07	Single Gear	1
8	F0015-15	Shifter Shaft	1
9	U0008-20	Retainer Plate	2
10	U0015-21	Counter Shaft	1
11	F1000-37B	Shifter Handle - Bent	1
12	U0015-14	Shifter Fork	2
13	F0015-50	Shifter Guide Bar	1
14	F0015-51	Shifter Rod	1
15	F0015-52	Shifter Rod	1
16	U0015-53	Shifter Finger	1
17	S0004-64	Shifter Jack Lock	2
18	VBH005	Breather 1/8	1
19	VBR125	Bearing (Web)	1
20	VBR100	Bearing w/Snap Ring	2
21	VBS005	Bearing Spacer	1
22	VCB010	Cage Bearing	2
23	VCG017	Cover Gasket DAF500 - Discontinued	
24	VDS005	Drive Screw Kalon #2 3/16	8
25	VEP010	Expansion Plug 5/8	4
26	VEP015	Expansion Plug 7/8	2
27	VHH005	Hex Hd Cap Screw 5/16-18 x 7/8	8
28	VHH050	Hex Hd Cap Screw 3/8-16 x 2 1/2	4
29	VLB005	Shifter Lock Ball 3/8	2
30	VNB005	Needle Bearing 14/set	14
31	VNM010	Name Plate 200/500 F/U Set	1
32	VNW005	Nylon Washer 5/16	8
33	VNW010	Nylon Washer 3/8	4
34	VOS115	Oil Seal	2
35	VOS130	Oil Seal	2
36	VPP010	Pipe Plug 1/4 NPT	4
37	VPP020	Pipe Plug 1/2 NPT	1
38	VRG010	Retainer Gasket DAU 200/500	2
39	VRP005	Roll Pin 1/8 x 1	3
40	VRP020	Roll Pin 3/16 x 1 1/2	1
41	VSG010	Shifter Lock Spring 200/500	2
42	VSH035	Skt Hd Cap Scr 5/16-18 x 1	2
43	VSK005	Shifter Knob 1"	1
44	VSP005	Washer, Shake Proof 5/16	2
45	VSR010	Snap Ring	5
46	VSS010	Set Screw 1/4-20 x 1/2	1
47	VSS055	Set Screw 7/16-14 x 1/2	2
48	VTG005	Blank Oil Level Roemer	2
49	VTW035	Thrust Washer 25/32 x 1/16	2
50	VTW040	Thrust Washer 25/32 x 1/32	2
51	VTW045	Thrust Washer 25/32 x 1/64	2
52	F1000-37A	Handle Knob	1
	F0500HD-RBK	Rebuild Kit - Includes all items in red	1

F0800STD

(Ratios = 1:1, 1.686:1, 3.092:1, 6.398:1)-
“Input Shaft Diameter = 1.375” – Output Shaft Diameter = 1.500”

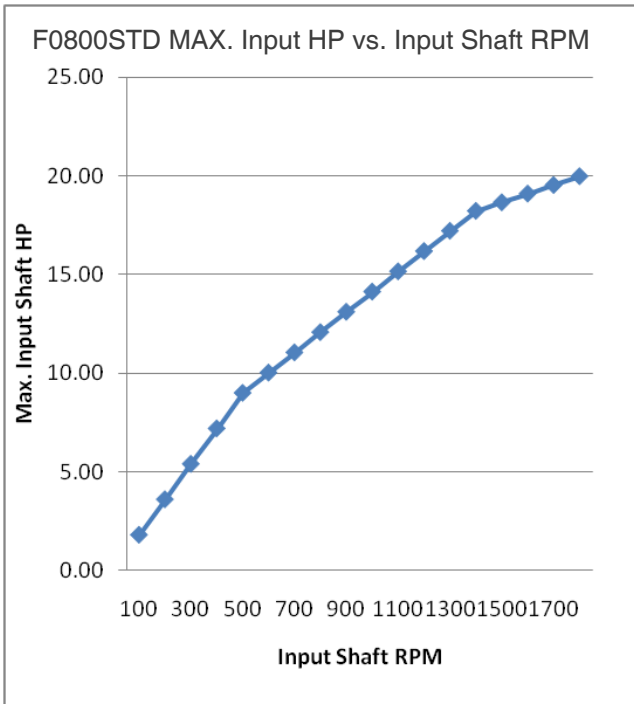


The F0800STD is the most popular of the low profile series due to its compact stature and horsepower capabilities. It is less than 11” tall, is assembled with a close grain cast iron housing, and is capable of transmitting up to 20 horsepower at 1800 rpm. The F0800STD offers 4 different speeds and the handle can be attached to either side. The shafts of the F0800STD rotate in the same direction and the unit can be utilized as an increaser or reducer. If you would like additional information about the F0800STD please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

Previous applications include: Mining Industry and Fabric Winding

Horsepower and Torque Rating

Input Speed	Max. Input Hp**	Max. Input Torque
100	1.80	938
200	3.60	925
300	5.40	913
400	7.20	900
500	9.01	888
600	10.03	875
700	11.06	863
800	12.09	850
900	13.12	838
1000	14.15	825
1100	15.17	813
1200	16.20	800
1300	17.23	788
1400	18.24	775
1500	18.68	763
1600	19.12	750
1700	19.56	738
1800	20.00	700



*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

F0800STD 4-SPEED GEARBOX [MANUAL SHIFT]

RATIOS

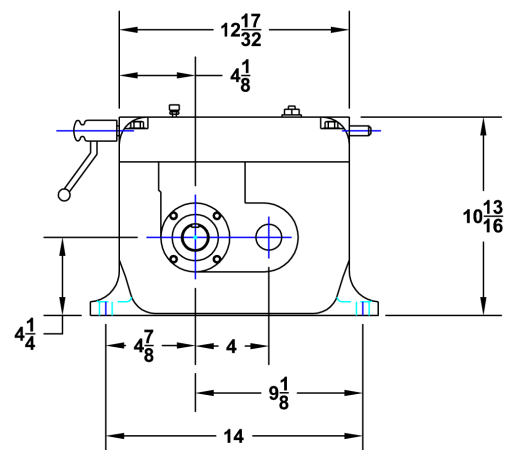
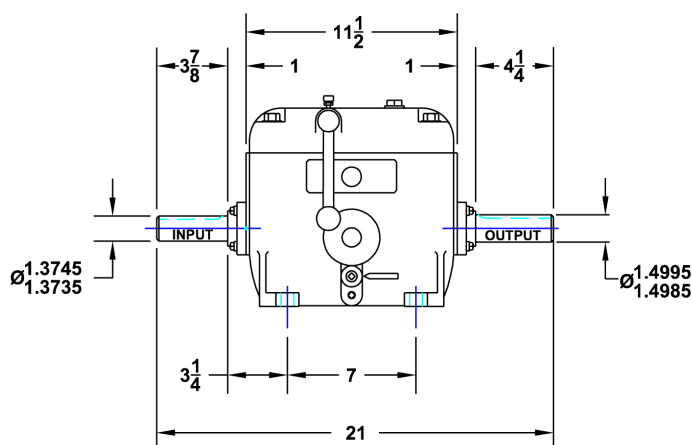
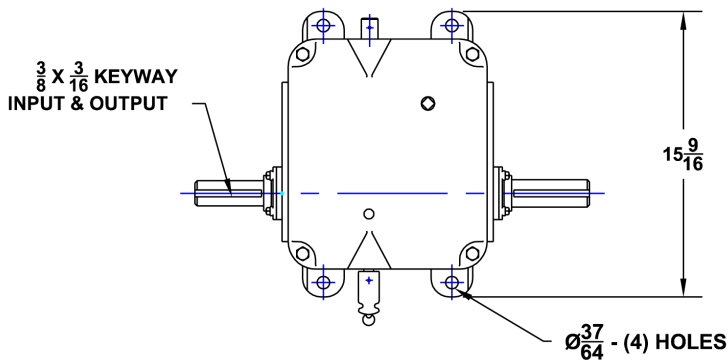
1.000	1.686	3.092	6.398
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20 HP MAXIMUM
700 IN LBS MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 225 LBS.

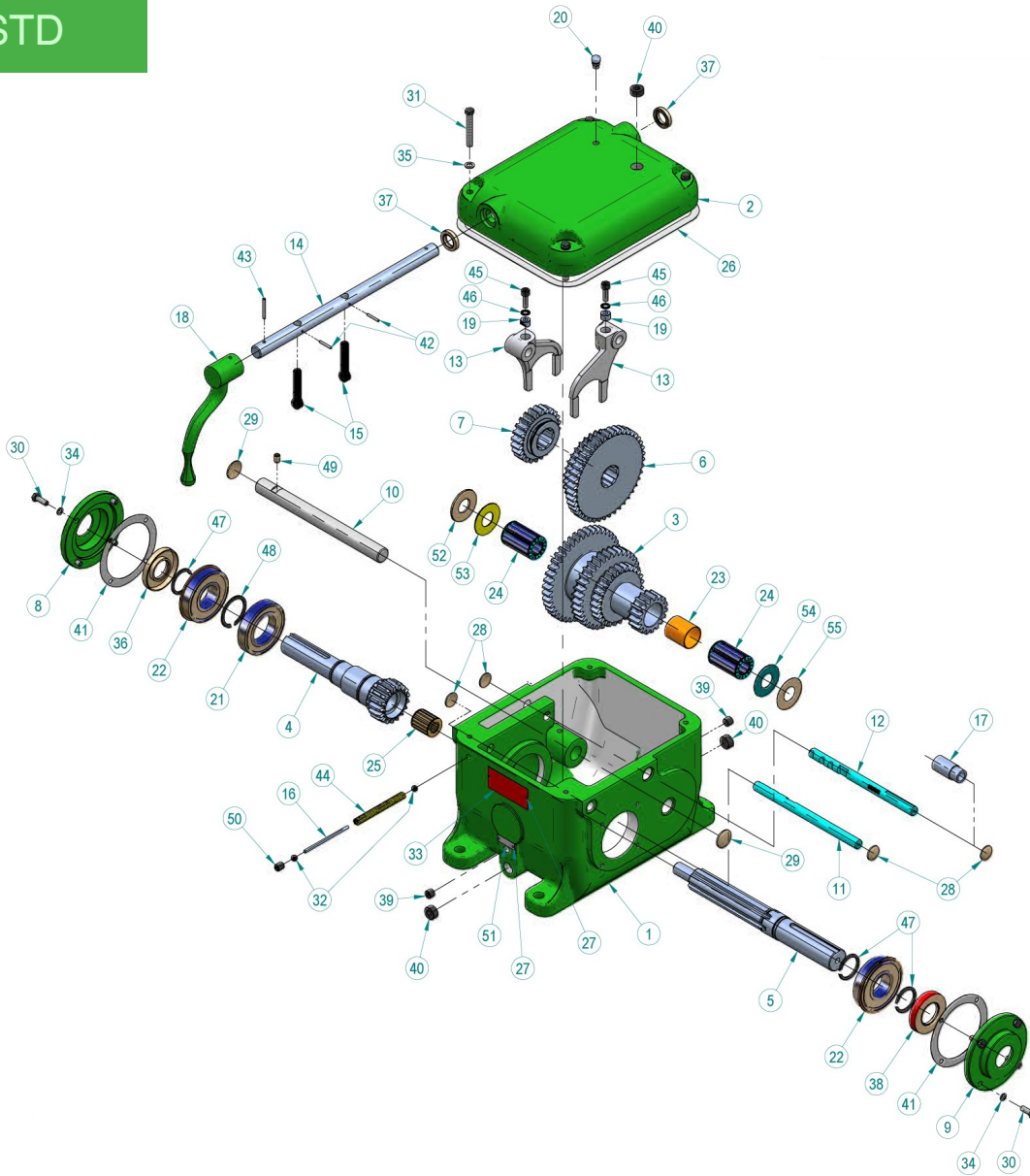
CONTACT SALES REPRESENTATIVES @ 800-689-3400
CUSTOM RATIO & SHAFT DESIGN ARE AVAILABLE

- OVERUNG LOAD CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- INPUT AND OUTPUT SHAFTS ROTATE IN THE SAME DIRECTION
- AVAILABLE AS A REDUCER OR INCREASER
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



F0800STD



Drive-All Manufacturing (F0800STD Parts List)

Item	Part Number	Description	Qty Per
1	F0020-01	Housing (Not sold as a separate part.)	1
2	F0020-02	Cover (Not sold as a separate part.)	1
3	U0028-03	Cluster Gear	1
4	F0020-04	Pinion	1
5	F0020-05	Spline	1
6	U0028-06	Double Gear	1
7	U0028-07	Single Gear	1
8	F0020-20	Retainer Plate	1
9	U0028-20	Retainer Plate	1

Drive-All Manufacturing (F0800STD Parts List)

10	U0028-21	Counter Shaft	1
11	F0020-10	Shifter Rod High	1
12	F0020-11	Shifter Rod Low	1
13	F0020-14	Shifter Fork	2
14	F0020-15	Shifter Shaft	1
15	F0020-16	Shifter Finger	2
16	F0020-28	Shifter Lock Pin	1
17	F0020-50	Shifter Rod Bushing	1
18	U0008-37	Shifter Handle	1
19	S0004-64	Jack Lock 5/8	2
20	VBH005	Breather 1/8	1
21	VBR135	Bearing Web	1
22	VBR170	Bearing w/Snap Ring	2
23	U0028-38	Bearing Spacer (formerly VBS010)	1
24	VCB035	Cage Bearing (Cluster)	2
25	VCB040	Cage Bearing (Pilot/Pin)	1
26	VCG050	Cover Gasket DAF800 - Discontinued	
27	VDS005	Drive Screw Kalon #2 3/16	8
28	VEP020	Expansion Plug 1	4
29	VEP030	Expansion Plug 1 1/4	2
30	VHH005	Hex Hd Cap Scr 5/16-18 x 7/8	8
31	VHH050	Hex Hd Cap Scr 3/8-16 x 2 1/2	4
32	VLB005	Shifter Lock Ball 3/8	2
33	VNM015	Name Plate 800/1000/1050 F/U Set	1
34	VNW005	Nylon Washer 5/16	8
35	VNW010	Nylon Washer 3/8	4
36	VOS140	Oil Seal	1
37	VOS115	Oil Seal	2
38	VOS090	Oil Seal	1
39	VPP010	Pipe Plug 1/4 NPT	2
40	VPP020	Pipe Plug 1/2 NPT	3
41	VRG025	Retainer Gasket DAU 1000	2
42	VRP005	Roll Pin 1/8 x 1	2
43	VRP020	Roll Pin 3/16 x 1 1/2	1
44	VSG020	Shifter Lock Spring DAF 800	1
45	VSH035	Skt Hd Cap Scr 5/16-18 x 1	2
46	VSP005	Washer, Shake Proof 5/16	2
47	VSR025	Snap Ring	3
48	VSR015	Snap Ring	1
49	VSS040	Set Screw 3/8-16 x 1/2	1
50	VSS055	Set Screw 7/16-14 x 1/2	1
51	VTG005	Blank Oil Level Roemer	2
52	VTW050	Thrust Washer 1 x 1/8	1
53	VTW055	Thrust Washer 1 x 1/16	1
54	VTW060	Thrust Washer 1 x 1/32	1
55	VTW065	Thrust Washer 1 x 1/64	1
	F0800STD-RBK	Rebuild Kit - Includes all items in red	1



F1000STD

(Ratios = 1:1, 1.686:1, 3.092:1, 6.398:1)

(Input Shaft Diameter = 1.500" – Output Shaft Diameter = 1.500")

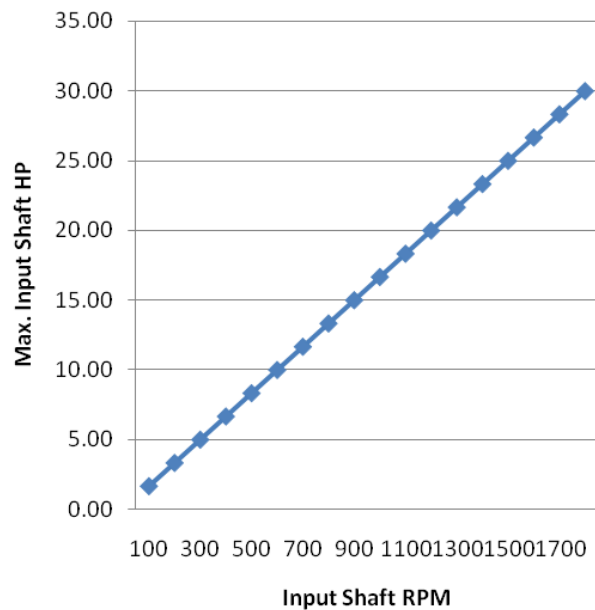
The F1000STD is a popular option in the low profile series due to its compact stature and horsepower capabilities. It is less than 11" tall, is assembled with a close grain cast iron housing, and is capable of transmitting up to 30 horsepower at 1800 rpm. The F1000STD offers 4 different speeds and the handle can be attached to either side. The shafts of the F1000STD rotate in the same direction and the unit can be utilized as an increaser or reducer. If you would like additional information about the F1000STD please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

Previous applications include: Mining Industry and Fabric Winding

Horsepower and Torque Rating

Input Speed	Max. Input Hp**	Max. Input Torque
100	1.67	1,311
200	3.33	1,297
300	5.00	1,283
400	6.67	1,269
500	8.34	1,256
600	10.00	1,242
700	11.67	1,228
800	13.34	1,214
900	15.00	1,200
1000	16.67	1,186
1100	18.34	1,172
1200	20.00	1,158
1300	21.67	1,144
1400	23.34	1,131
1500	25.01	1,117
1600	26.67	1,103
1700	28.34	1,089
1800	30.00	1,050

F1000STD MAX. Input HP vs. Input Shaft RPM



*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

F1000STD 4-SPEED GEARBOX [MANUAL SHIFT]

RATIOS

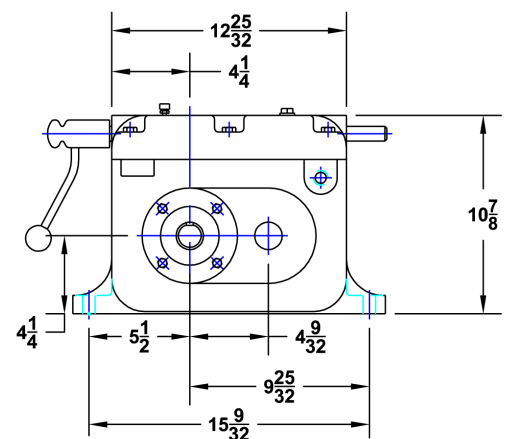
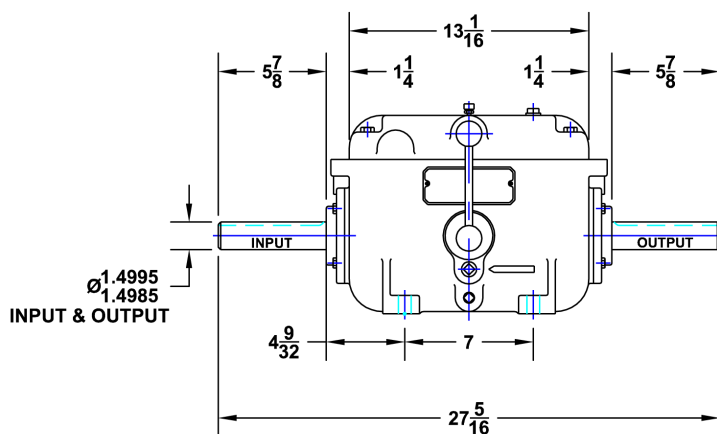
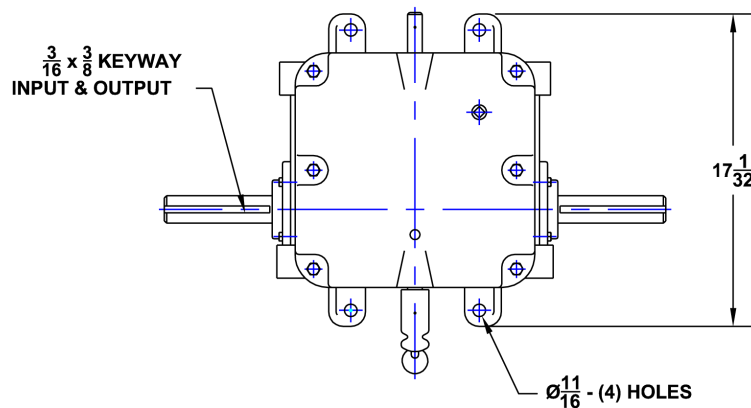
30 HP MAXIMUM
1050 IN LBS MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 250 LBS.

1.000	1.686	3.092	6.398
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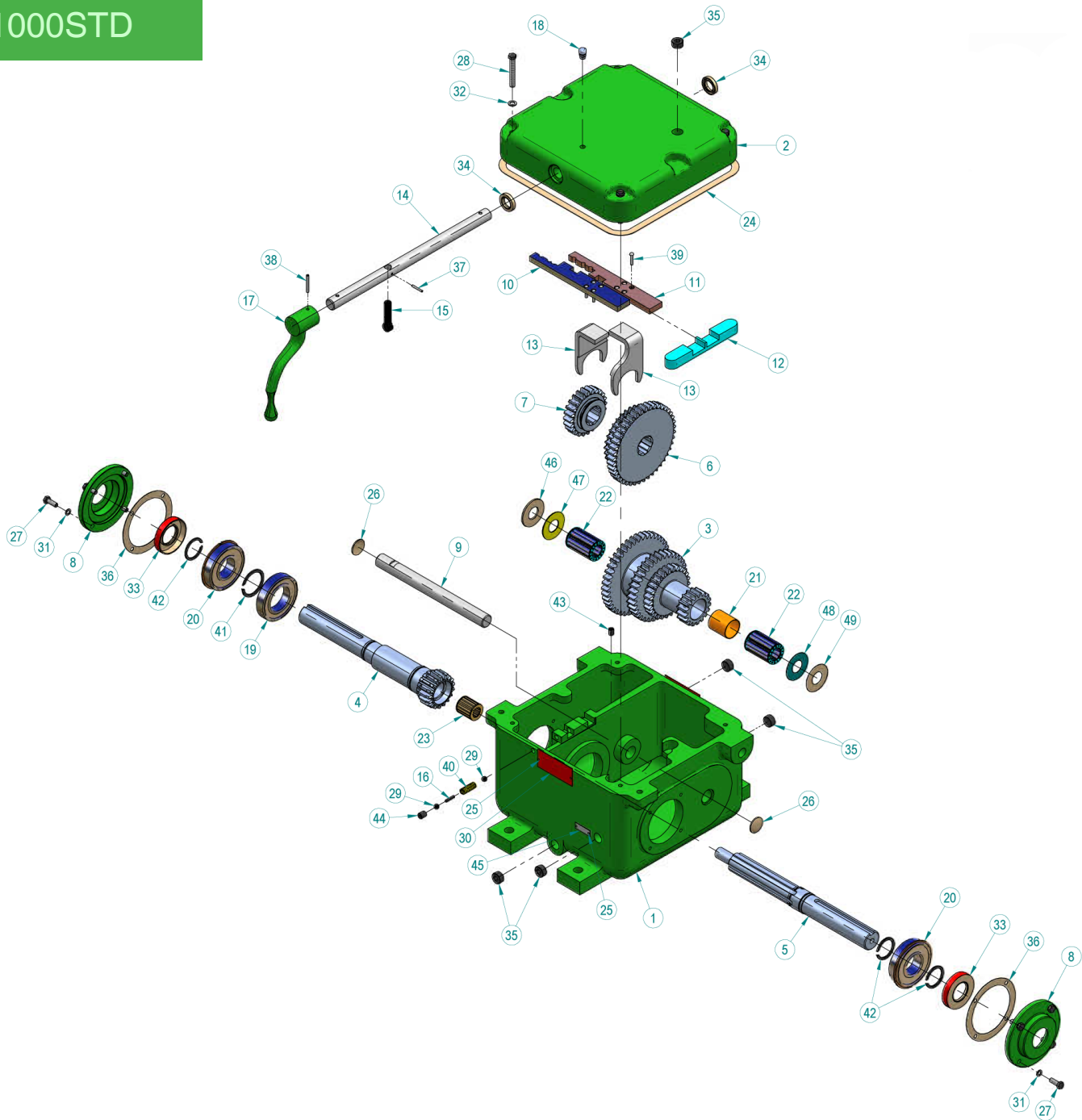
CONTACT SALES REPRESENTATIVES @ 800-689-3400
CUSTOM RATIO & SHAFT DESIGN ARE AVAILABLE

- OVERUNG LOAD CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- INPUT AND OUTPUT SHAFTS ROTATE IN THE SAME DIRECTION
- AVAILABLE AS A REDUCER OR INCREASER
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



F1000STD



Drive-All Manufacturing (F1000STD Parts List)

Item	Part Number	Description	Qty Per
1	F0028-01	Housing (Not sold as a separate part.)	1
2	F0028-02	Cover (Not sold as a separate part.)	1
3	U0028-03	Cluster Gear	1
4	U0028-04	Pinion	1

Drive-All Manufacturing (F1000STD Parts List)

Item	Part Number	Description	Qty Per
5	U0028-05	Spline	1
6	U0028-06	Double Gear	1
7	U0028-07	Single Gear	1
8	U0028-20	Retainer Plate	2
9	U0028-21	Counter Shaft	1
10	U0028-10	Shifter Bar 2nd & Hi	1
11	U0028-11	Shifter Bar 3rd & Low	1
12	U0028-12	Shifter Support Bar	1
13	U0028-14	Shifter Fork	2
14	F0028-15	Shifter Shaft	1
15	U0028-16	Shifter Finger	1
16	U0028-28	Shifter Lock Pin	1
17	U0008-37	Shifter Handle	1
18	VBH005	Breather 1/8	1
19	VBR135	Bearing Web	1
20	VBR170	Bearing w/Snap Ring	2
21	U0028-38	Bearing Spacer (formerly VBS010)	1
22	VCB035	Cage Bearing (Cluster)	2
23	VCB040	Cage Bearing (Pilot/Pin)	1
24	VCG055	Cover Gasket DAF1000 - Discontinued	
25	VDS005	Drive Screw Kalon #2 3/16	8
26	VEP030	Expansion Plug 1 1/4	2
27	VHH005	Hex Hd Cap Scr 5/16-18 x 7/8	8
28	VHH050	Hex Hd Cap Scr 3/8-16 x 2 1/2	4
29	VLB005	Shifter Lock Ball 3/8	2
30	VNM015	Name Plate 800/1000/1050 F/U Set	1
31	VNW005	Nylon Washer 5/16	8
32	VNW010	Nylon Washer 3/8	4
33	VOS090	Oil Seal	2
34	VOS115	Oil Seal	2
35	VPP020	Pipe Plug 1/2 NPT	5
36	VRG025	Retainer Gasket DAU 1000	2
37	VRP005	Roll Pin 1/8 x 1	1
38	VRP020	Roll Pin 3/16 x 1 1/2	1
39	VRV010	Rivet 3/16 x 1	8
40	VSG015	Shifter Lock Spring DAU 1000	1
41	VSR015	Snap Ring	1
42	VSR025	Snap Ring	3
43	VSS040	Set Screw 3/8-16 x 1/2	1
44	VSS055	Set Screw 7/16-14 x 1/2	1
45	VTG005	Blank Oil Level Roemer	2
46	VTW050	Thrust Washer 1 x 1/8	1
47	VTW055	Thrust Washer 1 x 1/16	1
48	VTW060	Thrust Washer 1 x 1/32	1
49	VTW065	Thrust Washer 1 x 1/64	1
	F1000STD-RBK	Rebuild Kit - Includes all items in red	1



F1050STD

(Ratios = 1:1, 1.686:1, 3.092:1, 6.398:1)

(Input Shaft Diameter = 2.00" – Output Shaft Diameter = 2.00")

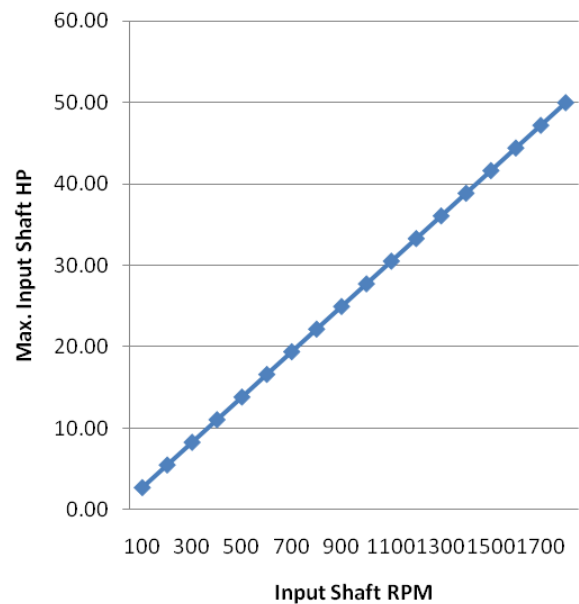
The F1050STD is less than 11" tall, is assembled with a close grain cast iron housing, and is capable of transmitting up to 50 horsepower at 1800 rpm. The F1050STD offers 4 different speeds and the handle can be attached to either side. The shafts of the F1050STD rotate in the same direction and the unit can be utilized as an increaser or reducer. If you would like additional information about the F1050STD please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

Previous applications include: Large Wire Winding and Roll Forming

Horsepower and Torque Rating

Input Speed	Max. Input Hp**	Max. Input Torque
100	2.78	2,222
200	5.56	2,194
300	8.33	2,167
400	11.11	2,139
500	13.89	2,111
600	16.67	2,083
700	19.45	2,056
800	22.22	2,028
900	25.00	2,000
1000	27.78	1,972
1100	30.56	1,944
1200	33.34	1,917
1300	36.11	1,889
1400	38.89	1,861
1500	41.67	1,833
1600	44.45	1,806
1700	47.23	1,778
1800	50.00	1,750

F1050STD MAX. Input HP vs. Input Shaft RPM



*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

F1050STD 4-SPEED GEARBOX [MANUAL SHIFT]

50 HP MAXIMUM
1750 IN LBS MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 275 LBS.

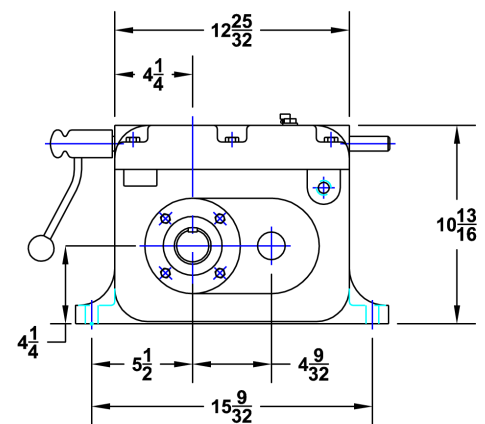
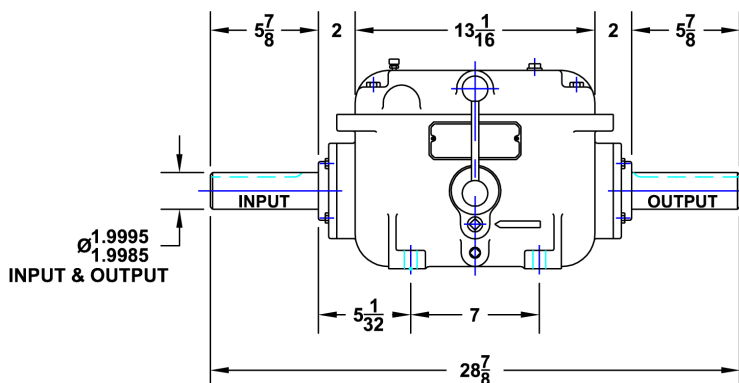
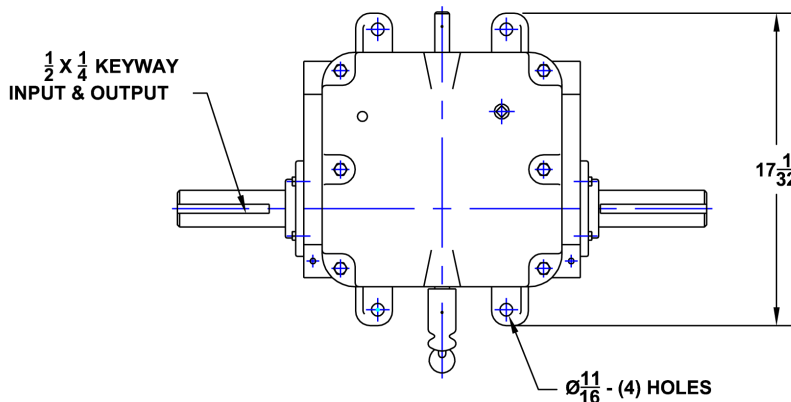
RATIOS

1.000	1.686	3.092	6.398
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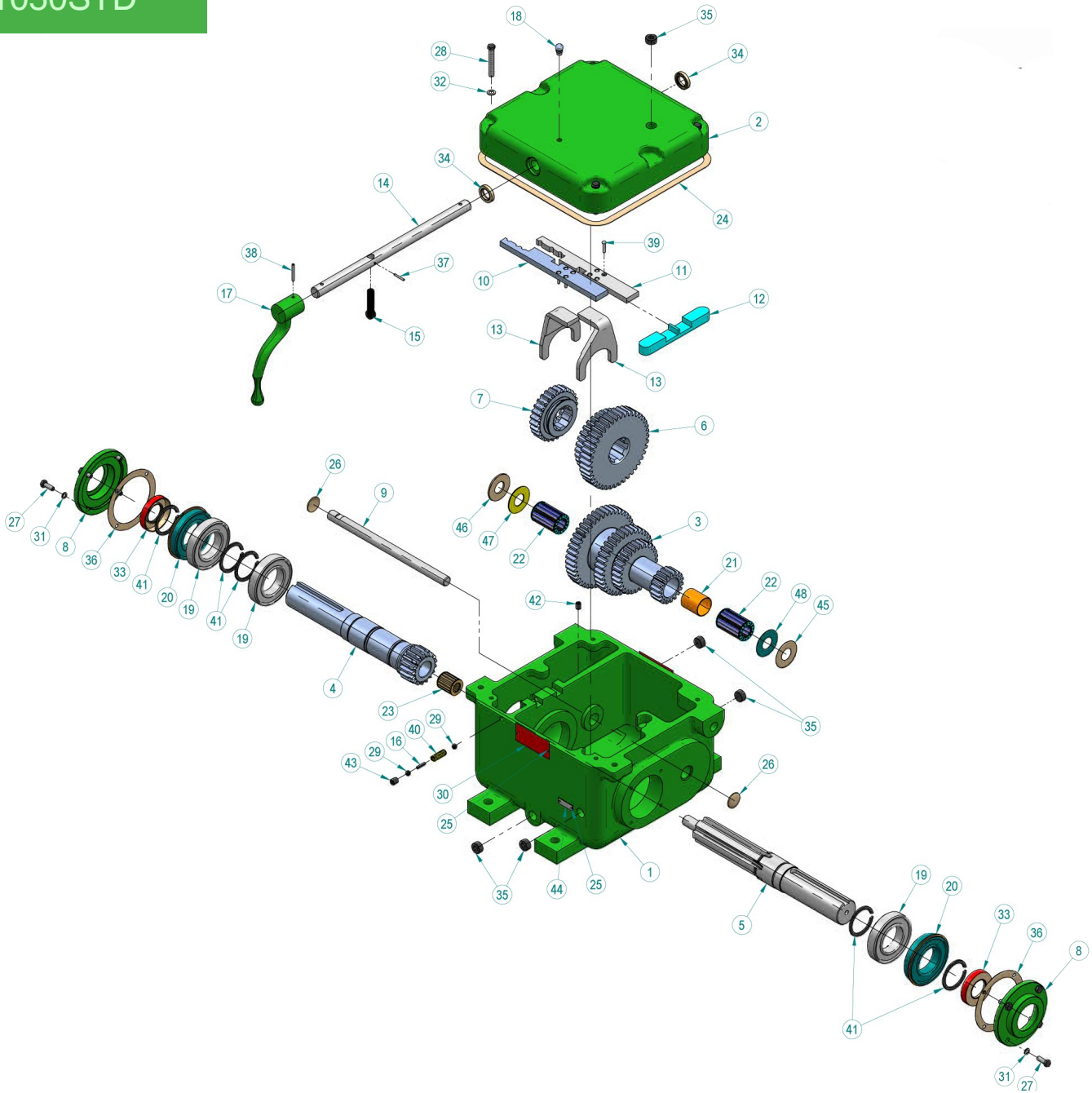
CONTACT SALES REPRESENTATIVES @ 800-689-3400
CUSTOM RATIO & SHAFT DESIGN ARE AVAILABLE

- OVERUNG LOAD CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- INPUT AND OUTPUT SHAFTS ROTATE IN THE SAME DIRECTION
- AVAILABLE AS A REDUCER OR INCREASER
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



F1050STD



Drive-All Manufacturing (F1050STD Parts List)

Item	Part Number	Description	Qty Per
1	F1050-01	Housing (Not sold as a separate part.)	1
2	F0028-02	Cover (Not sold as a separate part.)	1
3	U1050-03	Cluster Gear	1
4	U1050-04	Pinion	1

Drive-All Manufacturing (F1050STD Parts List)

Item	Part Number	Description	Qty Per
5	U1050-05	Spline	1
6	U1050-06	Double Gear	1
7	U1050-07	Single Gear	1
8	U1050-20	Retainer Plate	2
9	U1050-21	Counter Shaft	1
10	U1050-10	Shifter Bar 2nd & Hi	1
11	U1050-11	Shifter Bar 3rd & Low	1
12	U0028-12	Shifter Support Bar	1
13	U1050-14	Shifter Fork	2
14	F0028-15	Shifter Shaft	1
15	U1050-16	Shifter Finger (Formerly U0028-16)	1
16	U0028-28	Shifter Lock Pin	1
17	U0008-37	Shifter Handle	1
18	VBH005	Breather 1/8	1
19	VBR150	Bearing Web	3
20	VBR155	Bearing w/Snap Ring	2
21	U0028-38	Bearing Spacer (formerly VBS010)	1
21	U1050-38	Bearing Spacer (Used with U0028-38)	1
22	VCB035	Cage Bearing (Cluster)	2
23	VCB040	Cage Bearing (Pilot/Pin)	1
24	VCG055	Cover Gasket DAF1000 - Discontinued	
25	VDS005	Drive Screw Kalon #2 3/16	4
26	VEP030	Expansion Plug 1 1/4	2
27	VHH005	Hex Hd Cap Scr 5/16-18 x 7/8	8
28	VHH050	Hex Hd Cap Scr 3/8-16 x 2 1/2	4
29	VLB005	Shifter Lock Ball 3/8	2
30	VNM015	Name Plate 800/1000/1050 F/U Set	1
31	VNW005	Nylon Washer 5/16	8
32	VNW010	Nylon Washer 3/8	4
33	VOS100	Oil Seal	2
34	VOS115	Oil Seal	2
35	VPP020	Pipe Plug 1/2 NPT	5
36	VRG025	Retainer Gasket DAU 1000	2
37	VRP005	Roll Pin 1/8 x 1	1
38	VRP020	Roll Pin 3/16 x 1 1/2	1
39	VRV010	Rivet 3/16 x 1	8
40	VSG015	Shifter Lock Spring DAU 1000	1
41	VSR020	Snap Ring	5
42	VSS040	Set Screw 3/8-16 x 1/2	1
43	VSS055	Set Screw 7/16-14 x 1/2	1
44	VTG005	Blank Oil Level Roemer	1
45	VTW050	Thrust Washer 1 x 1/8	1
46	VTW055	Thrust Washer 1 x 1/16	1
47	VTW060	Thrust Washer 1 x 1/32	1
48	VTW065	Thrust Washer 1 x 1/64	1
	F1050STD-RBK	Rebuild Kit - Includes all items in red	1

Drive-All Manufacturing Company
6401 Bricker Road
Avoca, MI 48006
1-800-689-3400
www.DriveallMfg.com

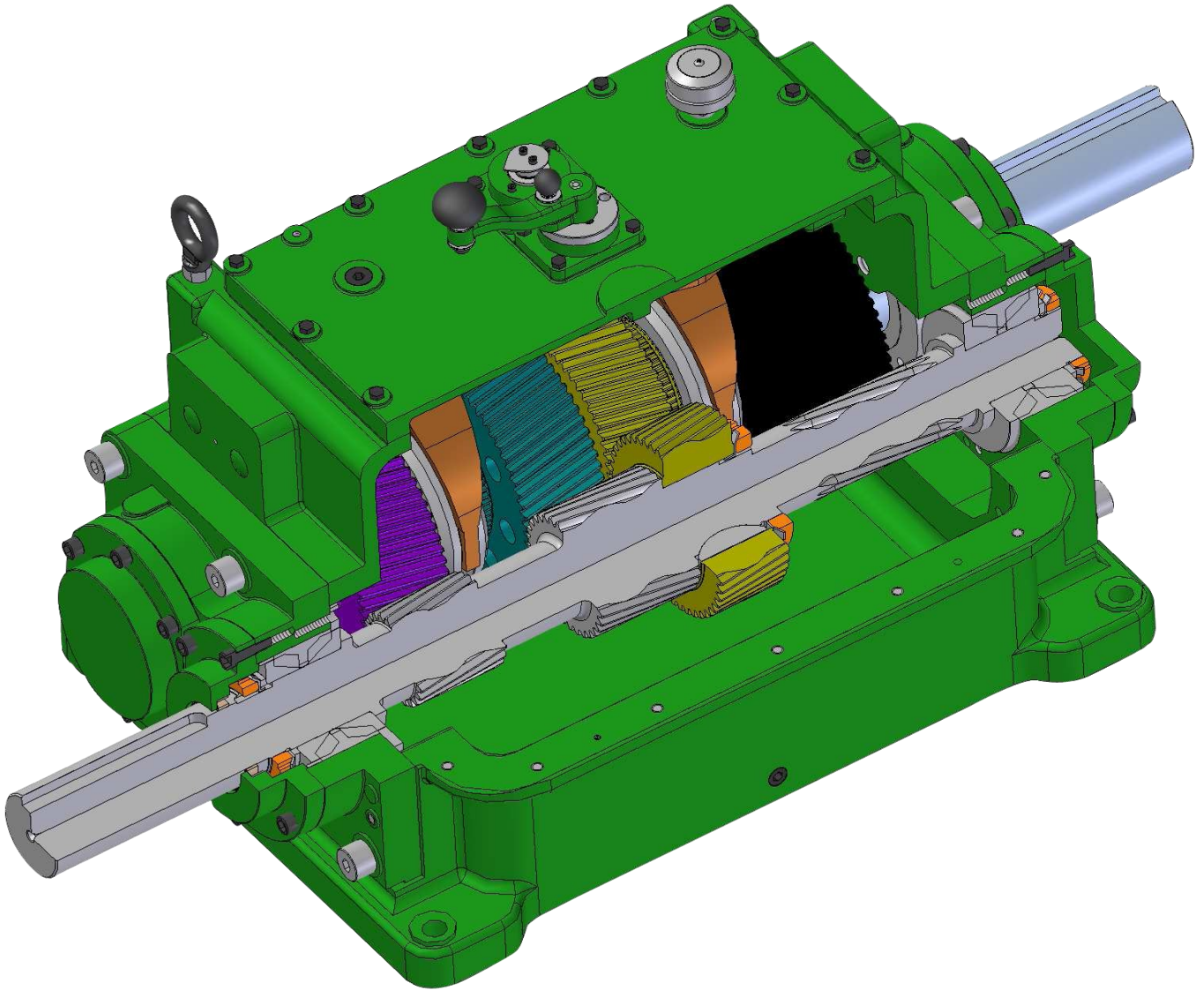
DRIVE  **ALL**
INDUSTRIAL MULTI-SPEED GEARBOXES

DRIVE ALL

INDUSTRIAL MULTI-SPEED GEARBOXES

High Torque Series





Model	Max. Input Hp	Max. Input Torque	Ratios
S004	75	2625 in. lbs.	TBD
S402	75	2625 in. Lbs.	TBD
S550	130	4550 in. lbs.	TBD
S552	130	4550 in. lbs.	TBD
S007	180	6300 in. lbs.	TBD
S702	180	6300 in. lbs.	TBD

- Hp and Torque Ratings are based on 2:1 ratio

*All gearboxes rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

High Torque Series

The High Torque Series includes the largest models we manufacture. These units are heavy duty workhorses that perform in the toughest of environments. All Hi-Torque models are considered custom builds and can be manufactured to your specifications.

Drive-All Hi-Torque models offer:

- Capabilities range from 40 to 250 HP
- 1 to 4 Speeds
- Shafts in parallel configuration
- Shafts rotate in opposite direction
- Bi-Directional (Limited by 1800 rpm in either direction)

Drive-All Multi-Speed Gearboxes are designed to provide years of reliable service. In order to achieve the anticipated life expectancy it is imperative the gearbox installed is sized correctly and maintained properly. In order to verify which gearbox is the best fit for your application, receive information about proper maintenance, or request a quote, please visit the Drive-All website or contact one of our sales representatives at:

www.driveallmfg.com
1-800-689-3400

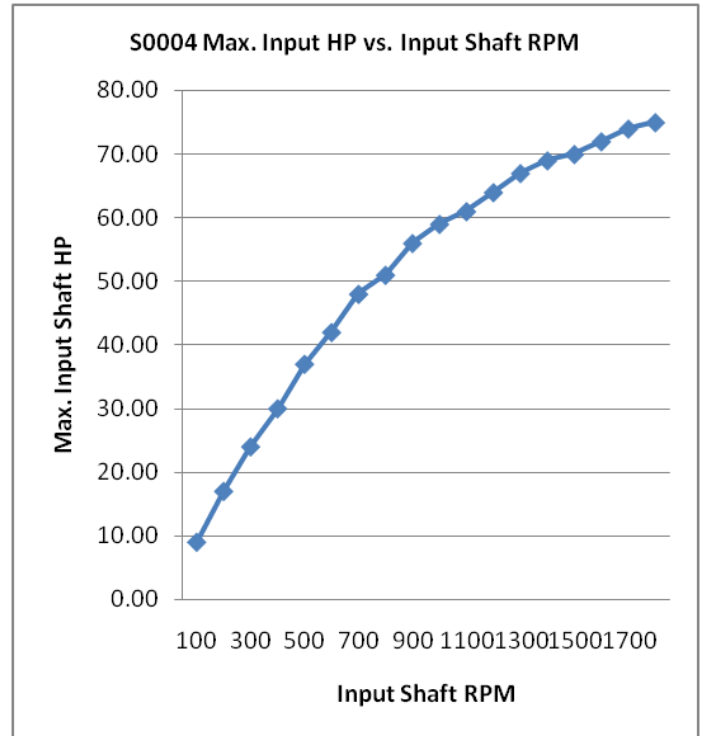


S0004

The S0004 Series is the most popular size of the Hi-Torque family of Drive-All Gearboxes. This gearbox offers a split housing, a parallel shaft configuration, and the ability to be an increaser or reducer. It also offers design flexibility with its wide horsepower capability range. The S0004 is considered a custom design unit and can provide 1 to 4 different speeds. If you would like additional information about the S0004 please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

Previous applications include: Large Wire Winding and Roll Forming

Horsepower and Torque Rating		
Input Speed	Max. Input Hp**	Max. Input Torque
100	9.00	5,000
200	17.00	4,900
300	24.00	4,800
400	30.00	4,700
500	37.00	4,500
600	42.00	4,300
700	48.00	4,100
800	51.00	3,900
900	56.00	3,700
1000	59.00	3,600
1100	61.00	3,500
1200	64.00	3,400
1300	67.00	3,100
1400	69.00	3,000
1500	70.00	2,900
1600	72.00	2,800
1700	74.00	2,700
1800	75.00	2,625



- Hp and Torque Ratings are based on 2:1 ratio

*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance

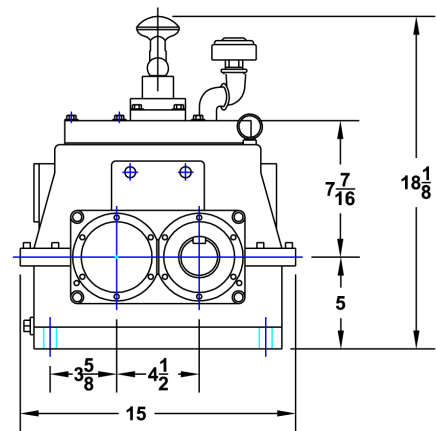
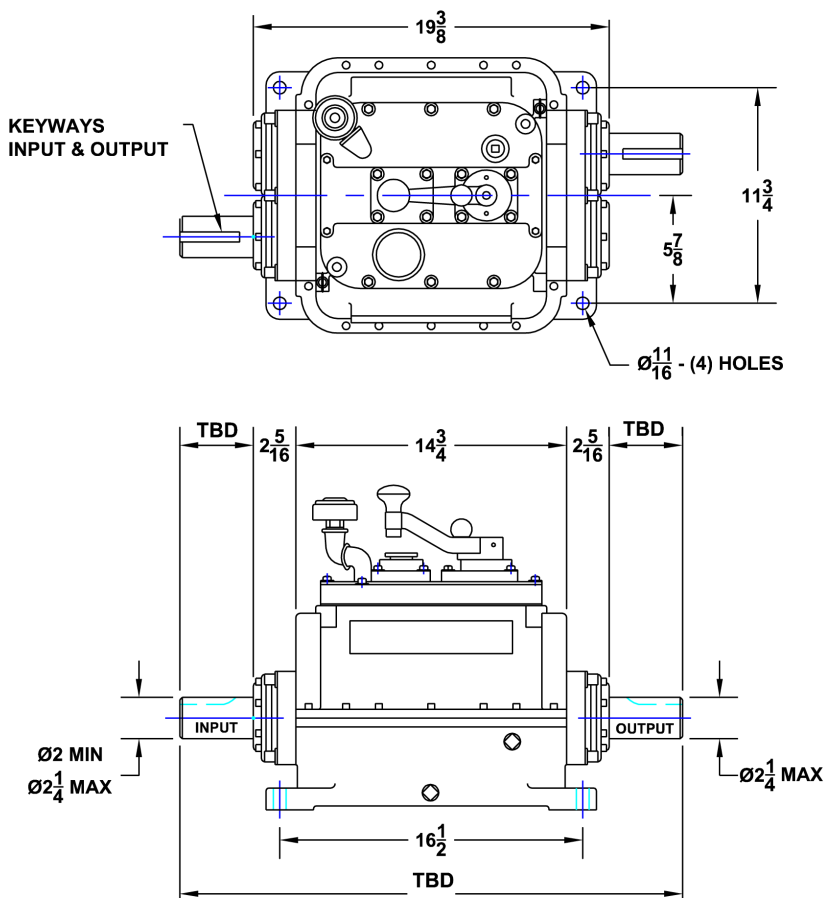
S0004 SERIES 3 OR 4 SPEED "HI-TORQUE" GEARBOX [MANUAL SHIFT]

80 HP MAXIMUM
2800 IN. LBS. MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 400 LBS.

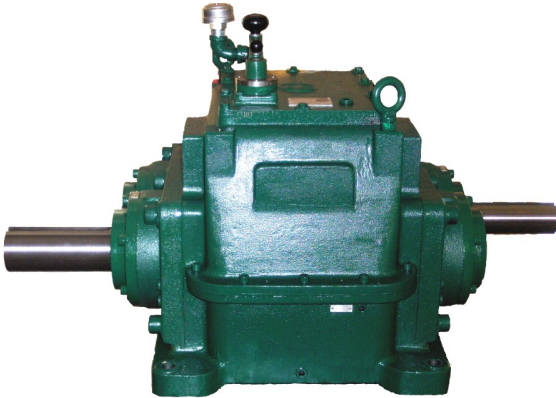
CONTACT SALES REPRESENTATIVES @ 1-800-689-3400
ALL S SERIES UNITS ARE CUSTOM DESIGNED

- OVERUNG LOAD CAN EFFECT HP RATING
- SHAFT DESIGN CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- AVAILABLE AS A REDUCER OR INCREASER
- INPUT AND OUTPUT SHAFTS ROTATE IN THE OPPOSITE DIRECTION
- INPUT SHAFT CAN BE INSTALLED ON LEFT SIDE OF OUTPUT SHAFT (OPPOSITE ASSEMBLY)
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



S0402



The S0402 Series is a member of the Hi-Torque family of Drive-All Gearboxes. This gearbox offers a split housing, a parallel shaft configuration, and the ability to be an increaser or reducer. It also offers design flexibility with its wide horsepower capability range. The S0402 is considered a custom design unit and can provide 1 to 2 different speeds. If you would like additional information about the S0402 please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

Previous applications include: Large Wire Winding and Tube Manufacturing

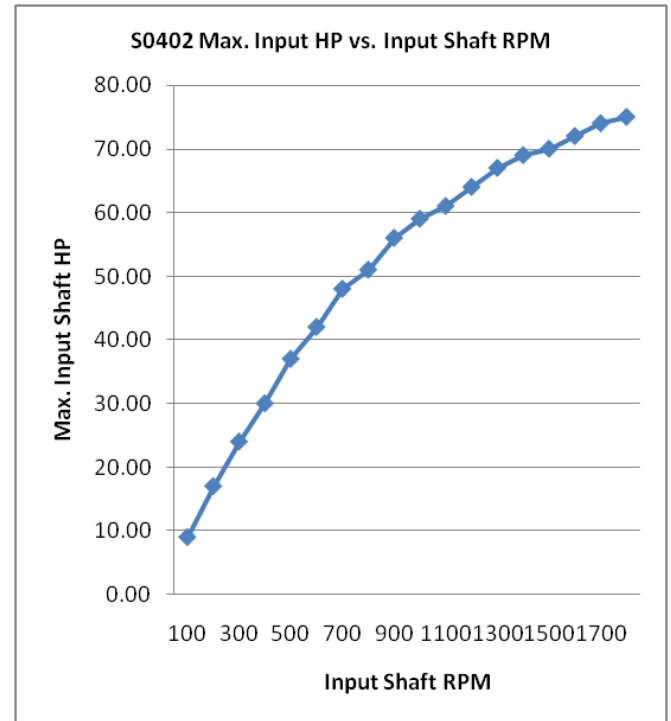
Horsepower and Torque Rating

Input Speed	Max. Input Hp**	Max. Input Torque
100	9.00	5,000
200	17.00	4,900
300	24.00	4,800
400	30.00	4,700
500	37.00	4,500
600	42.00	4,300
700	48.00	4,100
800	51.00	3,900
900	56.00	3,700
1000	59.00	3,600
1100	61.00	3,500
1200	64.00	3,400
1300	67.00	3,100
1400	69.00	3,000
1500	70.00	2,900
1600	72.00	2,800
1700	74.00	2,700
1800	75.00	2,625

- Hp and Torque Ratings are based on 2:1 ratio

*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance



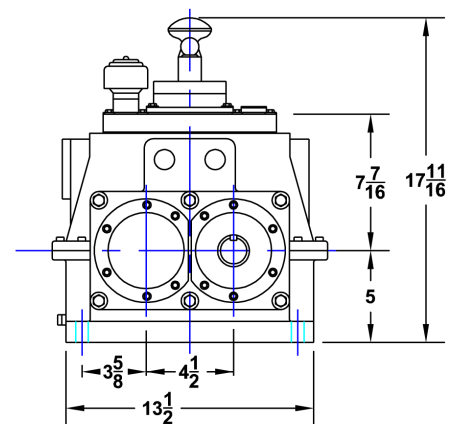
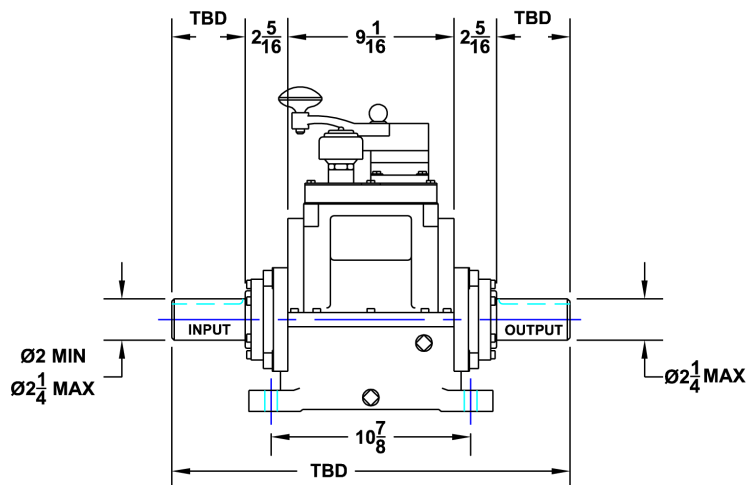
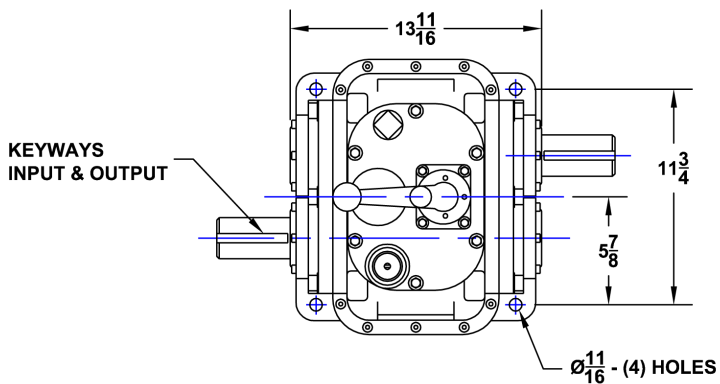
S0402 SERIES 1 OR 2 SPEED "HI-TORQUE" GEARBOX [MANUAL SHIFT]

80 HP MAXIMUM
2800 IN. LBS. MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 300 LBS.

CONTACT SALES REPRESENTATIVES @ 1-800-689-3400
ALL S SERIES UNITS ARE CUSTOM DESIGNED

- OVERUNG LOAD CAN EFFECT HP RATING
- SHAFT DESIGN CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- AVAILABLE AS A REDUCER OR INCREASER
- INPUT AND OUTPUT SHAFTS ROTATE IN THE OPPOSITE DIRECTION
- INPUT SHAFT CAN BE INSTALLED ON LEFT SIDE OF OUTPUT SHAFT (OPPOSITE ASSEMBLY)
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY





S0550

The S0550 Series is a member of the Hi-Torque family of Drive-All Gearboxes. This gearbox offers a split housing, a parallel shaft configuration, and the ability to be an increaser or reducer. It also offers design flexibility with its wide horsepower capability range. The S0550 is considered a custom design unit and can provide 1 to 4 different speeds. If you would like additional information about the S0550 please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

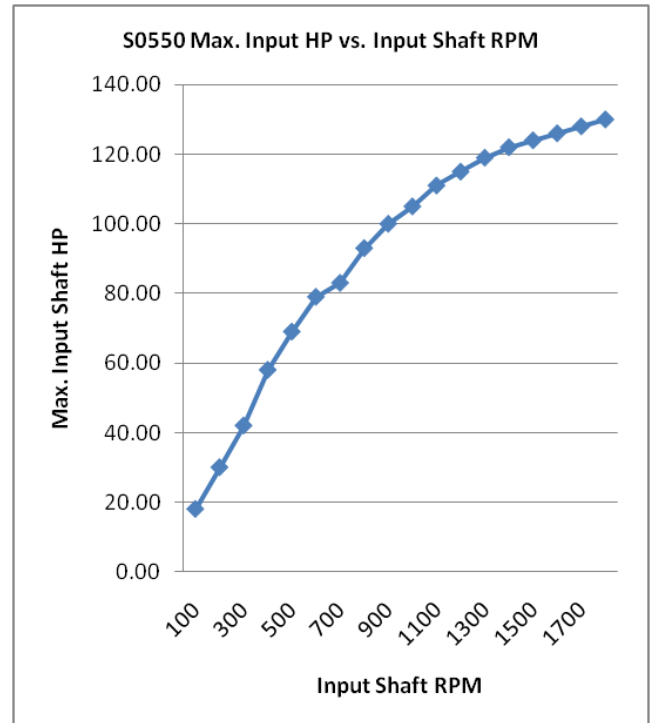
Previous applications include: Wire Winding, Roll Forming, and Tube Mftg.

Horsepower and Torque Rating		
Input Speed	Max. Input Hp**	Max. Input Torque
100	18.00	12,000
200	30.00	10,000
300	42.00	9,800
400	58.00	9,200
500	69.00	8,600
600	79.00	8,300
700	83.00	8,000
800	93.00	7,700
900	100.00	7,200
1000	105.00	6,900
1100	111.00	6,500
1200	115.00	6,200
1300	119.00	6,000
1400	122.00	5,800
1500	124.00	5,500
1600	126.00	5,200
1700	128.00	4,800
1800	130.00	4,550

- Hp and Torque Ratings are based on 2:1 ratio

*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance



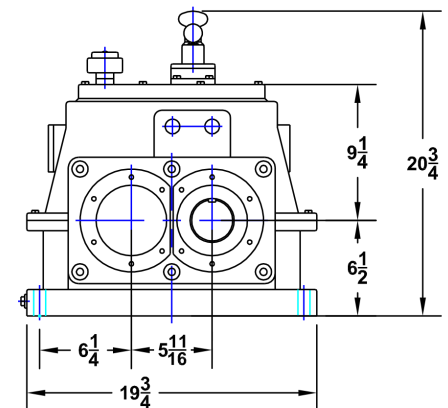
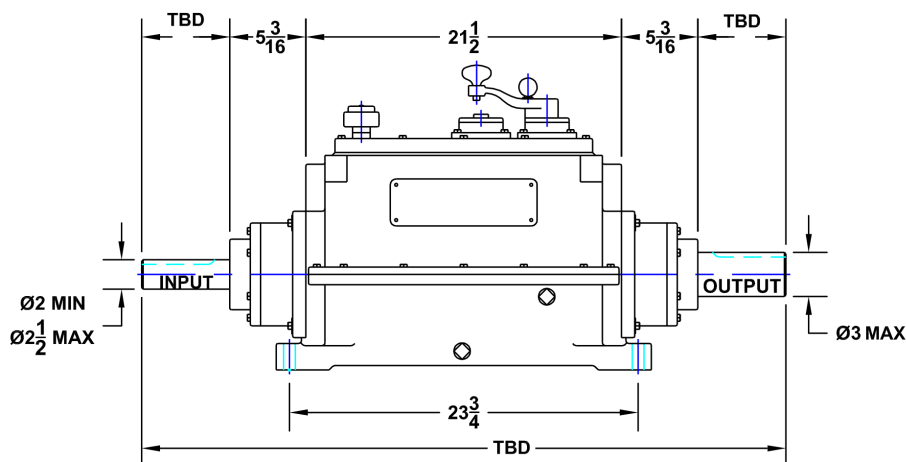
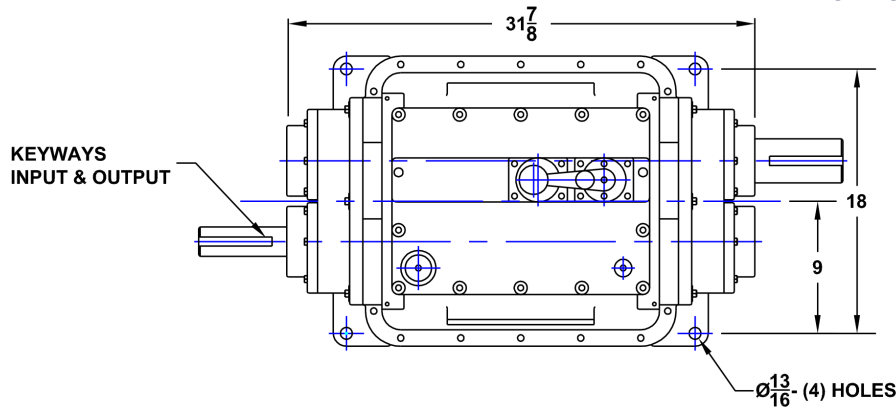
S0550 SERIES 3 OR 4 SPEED "HI-TORQUE" GEARBOX [MANUAL SHIFT]

180 HP MAXIMUM
6500 IN. LBS. MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 1125 LBS.

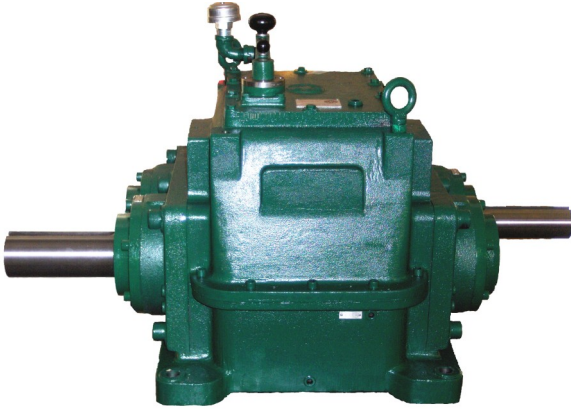
CONTACT SALES REPRESENTATIVES @ 1-800-689-3400
ALL S SERIES UNITS ARE CUSTOM DESIGNED

- OVERUNG LOAD CAN EFFECT HP RATING
- SHAFT DESIGN CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- AVAILABLE AS A REDUCER OR INCREASER
- INPUT AND OUTPUT SHAFTS ROTATE IN THE OPPOSITE DIRECTION
- INPUT SHAFT CAN BE INSTALLED ON LEFT SIDE OF OUTPUT SHAFT (OPPOSITE ASSEMBLY)
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



S0552



The S0552 Series is a member of the Hi-Torque family of Drive-All Gearboxes. This gearbox offers a split housing, a parallel shaft configuration, and the ability to be an increaser or reducer. It also offers design flexibility with its wide horsepower capability range. The S0552 is considered a custom design unit and can provide 1 to 2 different speeds. If you would like additional information about the S0552 please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

Previous applications include: Wire Winding, Roll Forming, and Tube Mfg.

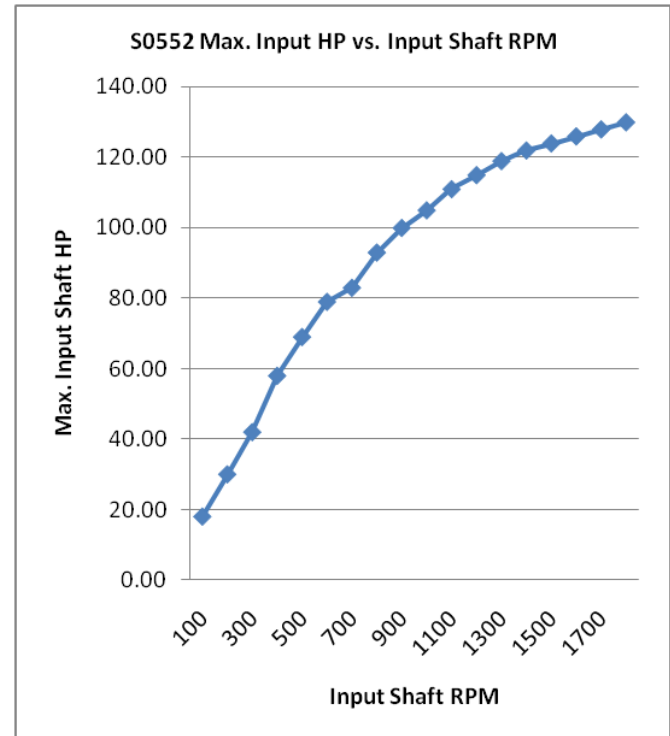
Horsepower and Torque Rating

Input Speed	Max. Input Hp**	Max. Input Torque
100	18.00	12,000
200	30.00	10,000
300	42.00	9,800
400	58.00	9,200
500	69.00	8,600
600	79.00	8,300
700	83.00	8,000
800	93.00	7,700
900	100.00	7,200
1000	105.00	6,900
1100	111.00	6,500
1200	115.00	6,200
1300	119.00	6,000
1400	122.00	5,800
1500	124.00	5,500
1600	126.00	5,200
1700	128.00	4,800
1800	130.00	4,550

- Hp and Torque Ratings are based on 2:1 ratio

*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance



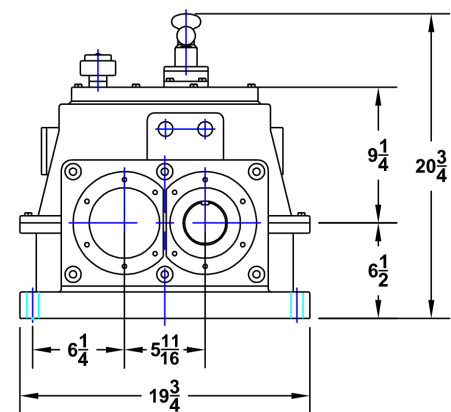
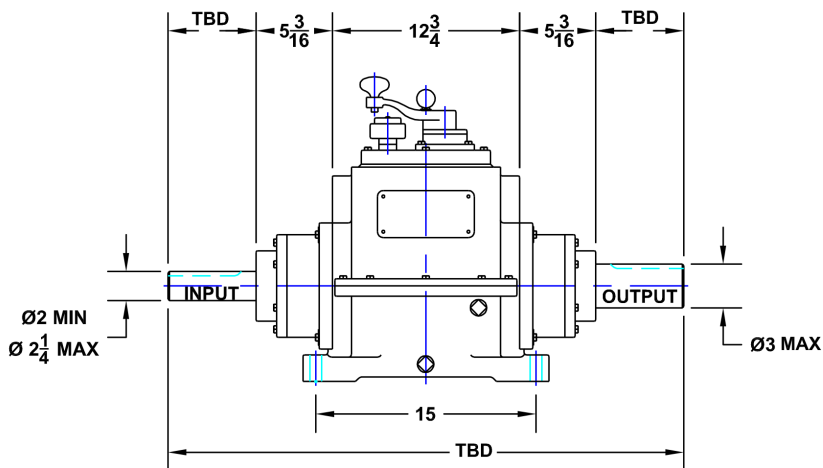
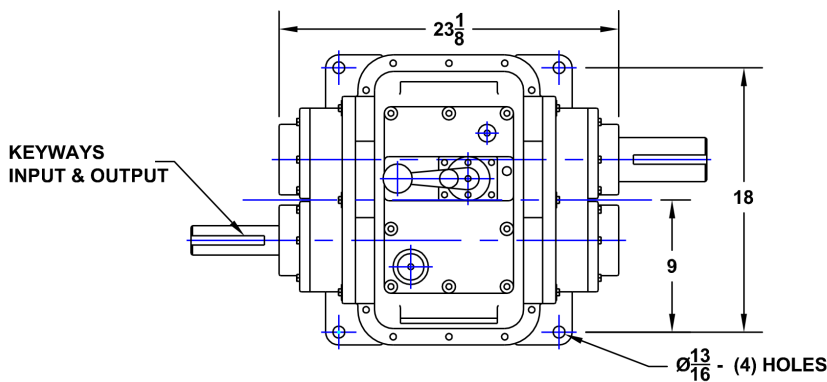
S0552 SERIES 1 OR 2 SPEED "HI-TORQUE" GEARBOX [MANUAL SHIFT]

180 HP MAXIMUM
6500 IN. LBS. MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 725 LBS.

CONTACT SALES REPRESENTATIVES @ 1-800-689-3400
ALL S SERIES UNITS ARE CUSTOM DESIGNED

- OVERUNG LOAD CAN EFFECT HP RATING
- SHAFT DESIGN CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- AVAILABLE AS A REDUCER OR INCREASER
- INPUT AND OUTPUT SHAFTS ROTATE IN THE OPPOSITE DIRECTION
- INPUT SHAFT CAN BE INSTALLED ON LEFT SIDE OF OUTPUT SHAFT (OPPOSITE ASSEMBLY)
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY





S0007

The S0007 Series is a member of the Hi-Torque family of Drive-All Gearboxes. This gearbox offers a split housing, a parallel shaft configuration, and the ability to be an increaser or reducer. It also offers design flexibility with its wide horsepower capability range. The S0007 is considered a custom design unit and can provide 1 to 4 different speeds. If you would like additional information about the S0007 please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

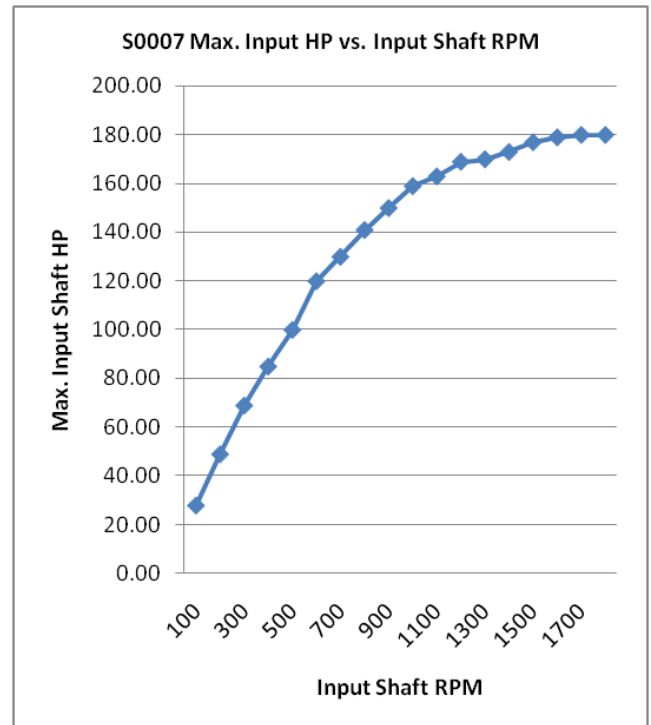
Previous applications include: Wire Winding, Roll Forming, and Tube Mfg.

Horsepower and Torque Rating		
Input Speed	Max. Input Hp**	Max. Input Torque
100	28.00	15,000
200	49.00	14,300
300	69.00	14,000
400	85.00	13,700
500	100.00	13,000
600	120.00	12,500
700	130.00	12,000
800	141.00	11,500
900	150.00	10,800
1000	159.00	10,200
1100	163.00	9,900
1200	169.00	9,000
1300	170.00	8,800
1400	173.00	8,000
1500	177.00	7,600
1600	179.00	7,000
1700	180.00	6,600
1800	180.00	6,300

- Hp and Torque Ratings are based on 2:1 ratio

*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance



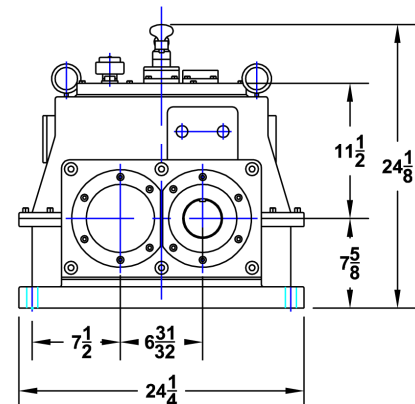
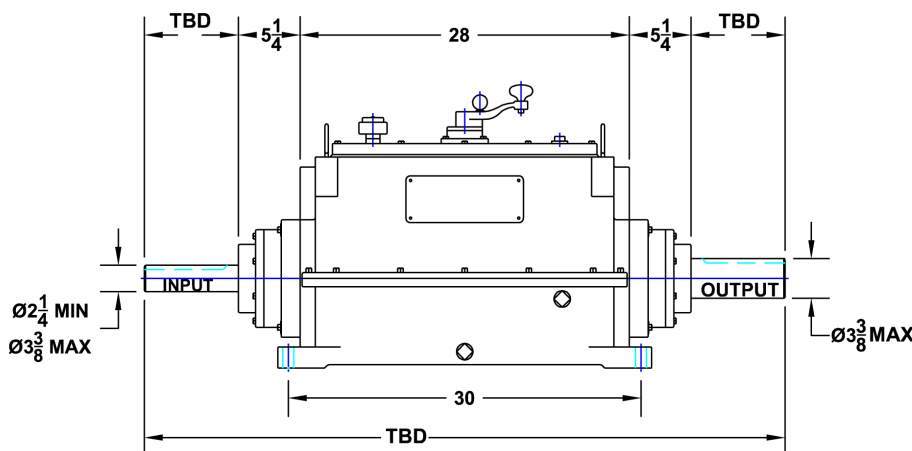
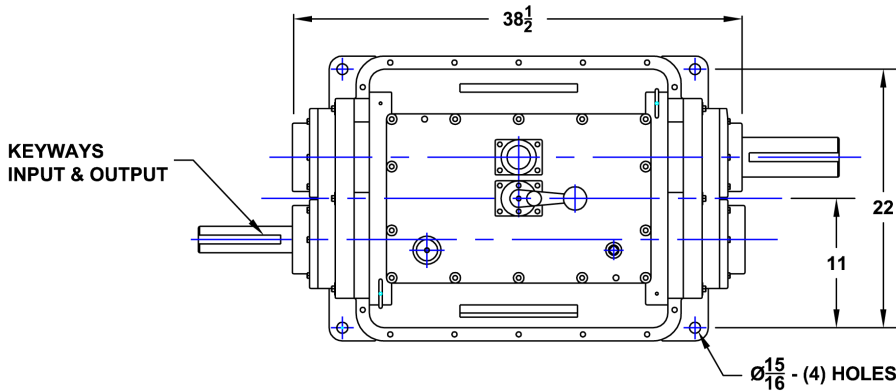
S0007 SERIES 3 OR 4 SPEED "HI-TORQUE" GEARBOX [MANUAL SHIFT]

230 HP MAXIMUM
8000 IN. LBS. MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 1500 LBS.

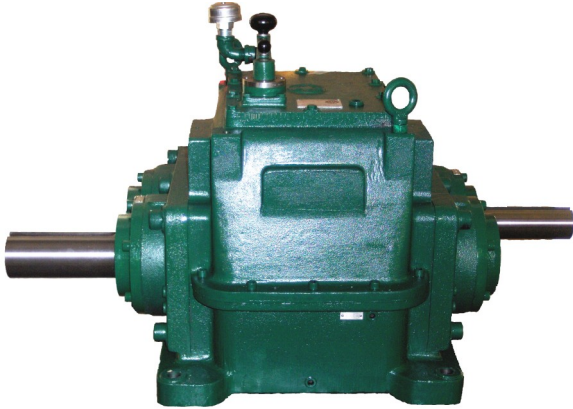
CONTACT SALES REPRESENTATIVES @ 1-800-689-3400
ALL S SERIES UNITS ARE CUSTOM DESIGNED

- OVERUNG LOAD CAN EFFECT HP RATING
- SHAFT DESIGN CAN EFFECT HP RATING
- BI-DIRECTIONAL ROTATION
- AVAILABLE AS A REDUCER OR INCREASER
- INPUT AND OUTPUT SHAFTS ROTATE IN THE OPPOSITE DIRECTION
- INPUT SHAFT CAN BE INSTALLED ON LEFT SIDE OF OUTPUT SHAFT (OPPOSITE ASSEMBLY)
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



S0702



The S0702 Series is a member of the Hi-Torque family of Drive-All Gearboxes. This gearbox offers a split housing, a parallel shaft configuration, and the ability to be an increaser or reducer. It also offers design flexibility with its wide horsepower capability range. The S0702 is considered a custom design unit and can provide 1 to 2 different speeds. If you would like additional information about the S0702 please contact a Drive-All Sales Engineer at 800-689-3400 or visit the Drive-All web-site at: www.driveallmfg.com

Previous applications include: Wire Winding, Roll Forming, and Tube Mfg.

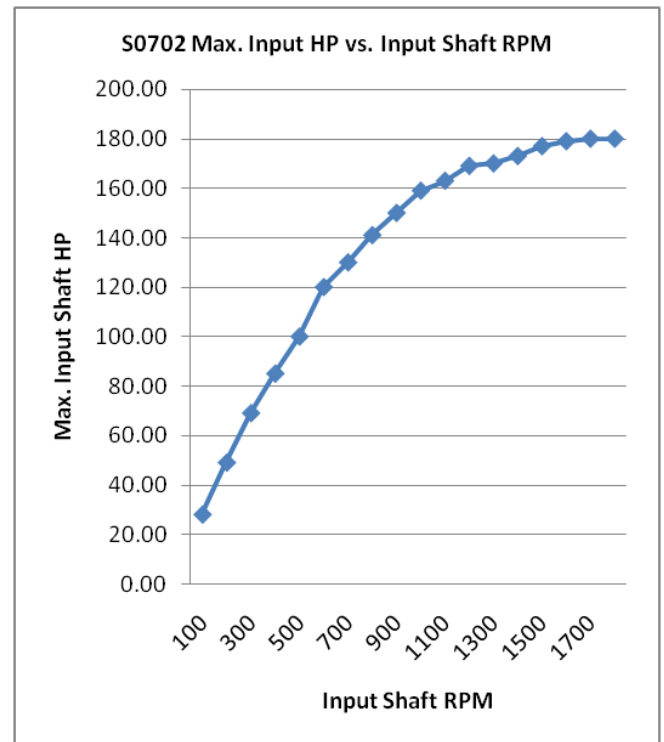
Horsepower and Torque Rating

Input Speed	Max. Input Hp**	Max. Input Torque
100	28.00	15,000
200	49.00	14,300
300	69.00	14,000
400	85.00	13,700
500	100.00	13,000
600	120.00	12,500
700	130.00	12,000
800	141.00	11,500
900	150.00	10,800
1000	159.00	10,200
1100	163.00	9,900
1200	169.00	9,000
1300	170.00	8,800
1400	173.00	8,000
1500	177.00	7,600
1600	179.00	7,000
1700	180.00	6,600
1800	180.00	6,300

- Hp and Torque Ratings are based on 2:1 ratio

*All gearboxes are rated at 1800 rpm

** Excessive overhung load can dramatically affect gearbox capabilities and performance



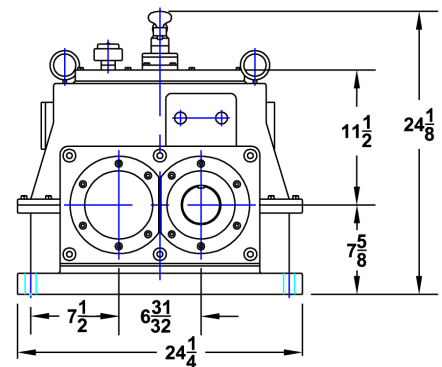
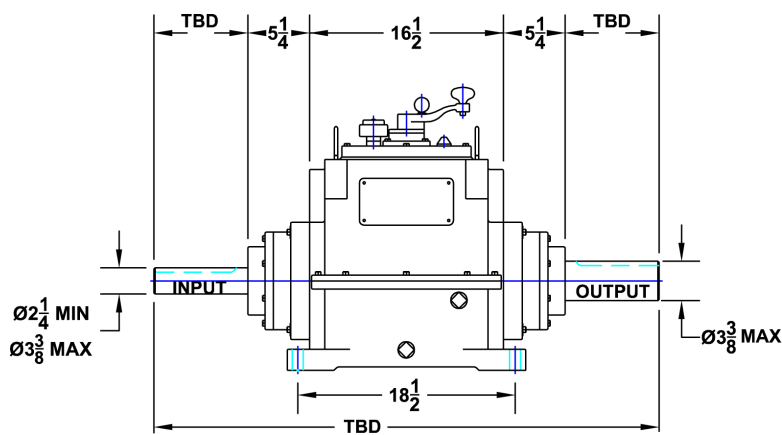
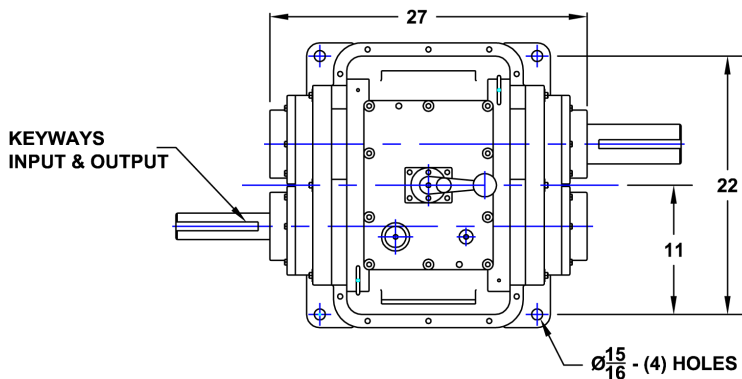
S0702 SERIES 1 OR 2 SPEED "HI-TORQUE" GEARBOX [MANUAL SHIFT]

230 HP MAXIMUM
8000 IN. LBS. MAXIMUM INPUT TORQUE
AT 1800 RPM INPUT
SERVICE CLASS ONE
APPROX. SHIP WT. = 1200 LBS.

CONTACT SALES REPRESENTATIVES @ 1-800-689-3400
ALL S SERIES UNITS ARE CUSTOM DESIGNED

- OVERUNG LOAD CAN EFFECT HP RATING
- SHAFT DESIGN CAN EFFECT HP RATING
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- INPUT SHAFT CAN BE INSTALLED ON LEFT SIDE OF OUTPUT SHAFT (OPPOSITE ASSEMBLY)
- UNITS MUST BE STOPPED BEFORE SHIFTING

ONE YEAR LIMITED WARRANTY



Maintenance Instructions

Lubrication:

Drive-All Multi-Speed Gearboxes are shipped without oil. Please do not operate any Drive-All gearbox without the correct oil at the proper level. Operating a Drive-All gearbox without the proper lubrication will void the warranty and could cause severe damage to gearbox components.

MOBIL GEAR 600XP68 or an equivalent is the recommended lubricant.

Filling a Drive-All Gearbox:

- Verify that plug(s) located at the bottom of the unit are tight
- Remove plug on top of unit
- Remove the "Oil Level" plug
- Add Mobil Gear 600XP68 or equivalent through the hole in top
- Stop filling when oil level reaches the "Oil Level" hole
- Replace both plugs

Changing the oil:

- Remove the drain plug located at the bottom of the unit
- Remove "Oil Level" plug
- Remove the plug on top of the unit
- Once all oil has drained replace the drain plug
- Follow the filling instructions

Oil Change Frequency:

- It is recommended that the oil be changed after the first 100 hours and every 1000 hours thereafter. Oil changes should be completed more frequently if the unit is operated in unusual temperatures or at intermittent high loads.

Shifting:

This is a manually shifted gearbox. In order to change gears the unit must come to a complete stop. DO NOT shift this unit while shafts are rotating. Failure to stop the unit prior to shifting will void the warranty and could cause severe damage to gearbox components.

The input shaft may have to be rotated slightly to align gears in order to shift.

Storage:

When placing a Drive-All gearbox in storage we recommend completing the following list of actions to preserve the integrity of the internal components and extend the life of the unit.

- Fill gearbox with the proper lubricant by completing the filling instructions detailed above.
- Operate the gearbox for one hour in order to distribute lubricant to all internal components
- DO NOT drain the oil. It is imperative that the unit be stored with oil
- Grease the output and input shafts to prevent rusting
- Store in cool, dry, well ventilated area
- Prior to placing unit back into operation, it is recommended that you change the oil in order to minimize moisture content

Failure to follow these storage instructions may void the warranty and diminish the life expectancy of the gearbox.

LIMITED WARRANTY

Drive-All Manufacturing Company (the “Company”) hereby warrants to the original buyer and each subsequent owner (collectively, the “buyer”) of the Company’s new industrial transmission products (collectively, “Products”) that Products will be free from defects in their normal use that arise solely from faulty materials or workmanship for a period of one (1) year after the date of shipment by the Company. This warranty shall be invalid and void in cases of misuse, abuse, neglect, misapplication, and failure to follow recommended care or maintenance instructions, accident, or alteration, repair or disassembly of Products by unauthorized persons. Any claim under this warranty shall be made in writing to the Company as soon as practicable, but, in any event, within a period of one (1) year after the date of shipment. The Buyer’s sole and exclusive remedy under this warranty shall be limited to repair or replacement of defective Products, at the election of the Company. The Company’s sole and exclusive liability shall be limited to such replacement or repair, at the election of the Company. All shipments of Products to and from the Company shall be at the Buyer’s sole risk and expense. The Company shall honor this warranty, if and only if, payment for the product has been made in full.

THE COMPANY SHALL NOT BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES (DIRECT OR INDIRECT) FOR INJURY TO PERSONS OR PROPERTY (WHETHER ARISING UNDER CONTRACT OR TORT LAW), INCLUDING (WITHOUT LIMITATION) PERSONAL INJURY (EXCEPT AS PROHIBITED BY LAW), DAMAGE TO EQUIPMENT OR MACHINERY, AND LOST REVENUES OR PROFITS.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR LIABILITIES, EXPRESS OR IMPLIED, INCLUDING (WITHOUT LIMITATION) ANY IMPLIED WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

If example Products were exhibited to the Buyer, such Products were for general informational purposes only and shall not be deemed a warranty by sample or model or otherwise have any legal effect. Except as may be provided under an established written Company program or procedure, the Company neither assumes nor authorizes anyone to assume for it any other obligation or liability in connection with Products. No waiver, alteration, modification, addition or deletion of this warranty shall be binding upon the Company unless contained in writing signed by an authorized member of the Company’s management.

All possible warranty claims must be made in writing to the following address:

Drive-All Manufacturing Company
6401 Bricker Road
Avoca, Michigan 48006 U.S.A.
Attn: Warranty Claim
Phone: (800) 689-3400

Drive-All Manufacturing Company
6401 Bricker Road
Avoca, MI 48006
1-800-689-3400
www.DriveallMfg.com

DRIVE  **ALL**
INDUSTRIAL MULTI-SPEED GEARBOXES