



## Moduline® Inline Speed Reducers



**ORDER-TO-DELIVERY  
IN 3 WEEKS!**

 **Nuttall Gear**®  
Altra Industrial Motion



# Moduline Inline Speed Reducers

## Nuttall's New Delivery Commitment

- Standard Units and Ratios can be ordered for delivery in 3 weeks!\*
- 8 Standard Type R Inline Gear Reducer Catalog Sizes: 10-21-32-43-54-64-76-88
- Most spare parts are in inventory for same week delivery
- Output Torque Ratings at 1750 RPM input: 2,500 in-lbs to 90,000 in-lbs

\*Reducer only. Motor, accessories and modifications will affect lead time.

Double Reduction Nominal Standard Ratio	Triple Reduction Nominal Standard Ratio
6.20:1	25.63:1
7.59:1	31.39:1
9.30:1	38.44:1
11.39:1	47.08:1
13.95:1	57.66:1
17.09:1	70.62:1
20.93:1	86.50:1

## Design Features

Moduline Type R concentric shaft speed reducers reflect many years of experience in gearing products. We utilize the flexibility of the modular concept and provide readily available drives, tailored to popular horsepower selections for actual applications having output torque requirements up to 230,000 in-lbs.

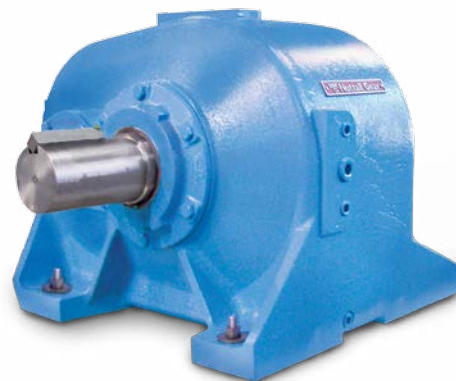
Moduline speed reducers are designed in accordance with all applicable AGMA standards and Nuttall Gear's value added design engineering capabilities. Standard ratios provide a broad range of output speeds to fit most applications.

The removable high speed end facilitates ratio changes or other servicing. Moduline Type R Speed Reducers can be driven by electric motors, gasoline engines, diesel engines, power take-off shafts and line shafts. They may be directly connected by a coupling or offset by means of a chain and sprocket or belt and pulley.

Moduline Speed Reducers can be designed for floor, ceiling, vertical or angled (up to 26°) mounting positions.

Accessories and modifications include:

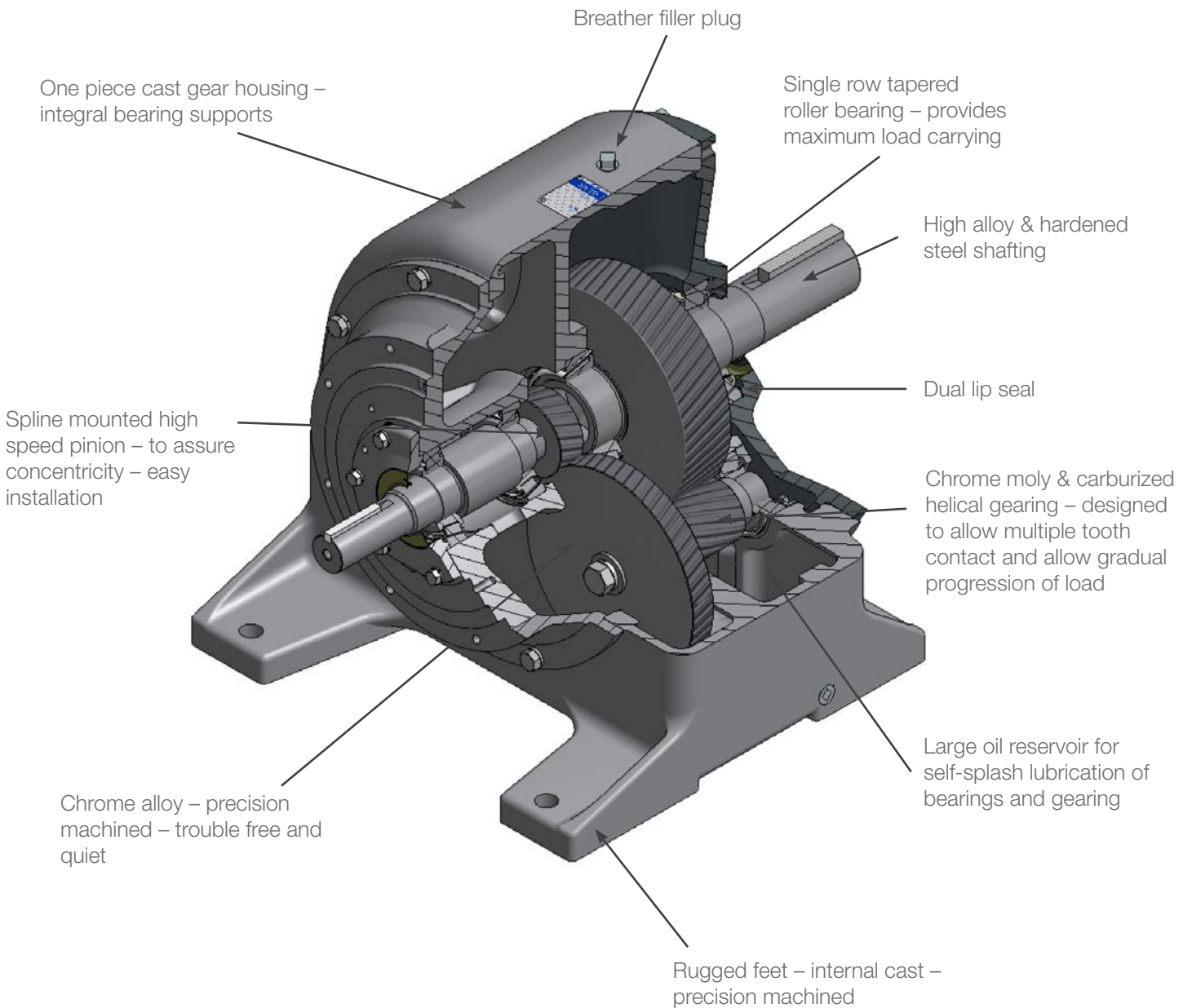
- Bedplates
- Motors
- Outboard bearings
- Nodular Iron Cast Gear Housing
- Internal Backstops
- Minimum backlash options
- Shaft driven cooling fans
- Sugar scoops NEMA motor support
- C-Face NEMA motor adapters
- Flexible couplings
- Taconite type Oil Seals
- OSHA approved coupling guards
- Special Marine epoxy paint systems







# Internal Construction



**Belted Drives and Sheaves**

**TB Wood's**

*Belted Drives*

Chambersburg, PA - USA  
**1-888-829-6637** – Press #5

*For application assistance:*  
 1-888-829-6637 – Press #7

**Couplings**

**Ameridrives Couplings**

*Mill Spindles, Ameriflex, Ameridisc*

Erie, PA - USA  
**1-814-480-5000**

*Gear Couplings*

San Marcos, TX - USA  
**1-800-458-0887**

*Universal Joints, Drive Shafts, Mill Gear Couplings*

Erie, PA - USA  
**1-920-593-2444**

**Bibby Turboflex**

*Disc, Gear, Grid Couplings, Overload Clutches*

Dewsbury, England  
**+44 (0) 1924 460801**

Boksburg, South Africa  
**+27(0) 11 918 4270**

**Guardian Couplings**

*Engineered Flywheel Couplings, Engine Housings and Pump Mounts, Flexible Shaft Couplings*

Michigan City, IN - USA  
**1-219-874-5248**

**Huco Dynatork**

*Precision Couplings and Air Motors*

Hertford, England  
**+44 (0) 1992 501900**

Chambersburg, PA - USA  
**1-888-829-6637**

**Lamiflex Couplings**

*Flexible Couplings, Bearing Isolators, and Coupling Guards*

Cotia, SP - Brasil  
**+55 (11) 4615-6300**

**Couplings Cont.**

**TB Wood's**

*Elastomeric Couplings*

Chambersburg, PA - USA  
**1-888-829-6637** – Press #5

*For application assistance:*  
 1-888-829-6637 – Press #7

*General Purpose Disc Couplings*

San Marcos, TX - USA  
**1-888-449-9439**

**Electromagnetic Clutches and Brakes**

**Inertia Dynamics**

*Spring Set Brakes; Power On and Wrap Spring Clutch/Brakes*

New Hartford, CT - USA  
**1-800-800-6445**

**Matrix International**

*Electromagnetic Clutches and Brakes, Pressure Operated Clutches and Brakes*

Brechin, Scotland  
**+44 (0) 1356 602000**

New Hartford, CT - USA  
**1-800-825-6544**

**Warner Electric**

*Electromagnetic Clutches and Brakes*

New Hartford, CT - USA  
**1-800-825-6544**

*For application assistance:*  
 1-800-825-9050

Saint Barthélemy d'Anjou, France  
**+33 (0)2 41 21 24 24**

*Precision Electric Coils and Electromagnetic Clutches and Brakes*

Columbia City, IN - USA  
**1-260-244-6183**

**Engineered Bearing Assemblies**

**Kilian Manufacturing**

*Engineered Bearing Assemblies*

Syracuse, NY - USA  
**1-315-432-0700**

**Gearing**

**Bauer Gear Motor**

*Geared Motors*

Esslingen, Germany  
**+49 (711) 3518-0**

Middlesex, NJ - USA  
**1-732-469-8770**

**Boston Gear**

*Enclosed and Open Gearing, Electrical and Mechanical P.T. Components*

Charlotte, NC - USA  
**1-800-825-6544**

*For application assistance:*  
 1-800-816-5608

**Nuttall Gear and Delroyd Worm Gear**

*Worm Gear and Helical Speed Reducers*

Niagara Falls, NY - USA  
**1-716-298-4100**

**Heavy Duty Clutches and Brakes**

**Industrial Clutch**

*Pneumatic and Oil Immersed Clutches and Brakes*

Waukesha, WI - USA  
**1-262-547-3357**

**Svendborg Brakes**

*Industrial Brakes and Brake Systems*

Vejstrup, Denmark  
**+45 63 255 255**

**Twiflex Limited**

*Caliper Brakes and Thrusters*

Wichita Falls, TX - USA  
**1-844-723-3483**

Twickenham, England  
**+44 (0) 20 8894 1161**

**Wichita Clutch**

*Pneumatic Clutches and Brakes*

Wichita Falls, TX - USA  
**1-800-964-3262**

Bedford, England  
**+44 (0) 1234 350311**

**Linear Products**

**Warner Linear**

*Linear Actuators*

New Hartford, CT - USA  
**1-800-825-6544**

*For application assistance:*  
 1-800-825-9050

Saint Barthélemy d'Anjou, France  
**+33 (0)2 41 21 24 24**

**Overrunning Clutches**

**Formsprag Clutch**

*Overrunning Clutches and Holdbacks*

Warren, MI - USA  
**1-800-348-0881** – Press #1

*For application assistance:*  
 1-800-348-0881 – Press #2

**Marland Clutch**

*Roller Ramp and Sprag Type Overrunning Clutches and Backstops*

South Beloit, IL - USA  
**1-800-216-3515**

**Stieber Clutch**

*Overrunning Clutches and Holdbacks*

Heidelberg, Germany  
**+49 (0) 6221-30470**

For information concerning our sales offices in Asia Pacific check our website [www.altramotion.com.cn](http://www.altramotion.com.cn)



[www.nuttallgear.com](http://www.nuttallgear.com)

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