

The Ultimate in Speed Reducer Technology



Forty years ago, Link Belt installed hundreds of clinker grinder gear drives in coal-fired power plants. The Link Belt drives are no longer available. The *Rexnord® Planetgear™* offers direct drop-in replacement.

With its broad range of horsepower capabilities, this uncompromising product can withstand many rugged environments, including heavy shock loads, frequent load reversals and hostile atmospheres. *Planetgear's* unique modular "mix and match" approach to gearing reduces your inventories and related costs.

*Applied Industrial Technologies®.
Keeping you InSync® with maximum
productivity and profitability.*



FEATURES AND BENEFITS:

- Superior Shock Load Capabilities**
 Unique to the planetary, a minimum of six teeth are in contact at all times, providing a momentary overload protection up to 250% of rated capacity. Ductile iron housings virtually eliminate any fractures from vibrations or high shock loads.
- Reliable Operation**
 External loads are transmitted through the input and output shaft housings. Gears are connected through splines. The gear isolates the gear train from external loads, eliminating forced misalignment and therefore extending gearing life.
- Easy to Service**
 No special tools are needed to assemble and disassemble, reducing your downtime and maintenance costs.
- Efficient**
 97.5% efficiency per reduction provides crucial energy savings.
- Extended Bearing Life**
 Tapered roller bearings are used on all input and output shafts. Since gear loads are not carried on these bearings, a higher L_{10} life is typically achieved.
- Double Seal Protection**
 Two taconite seals, standard on each shaft of every unit, feature a grease purgeable cavity to keep out dirt and moisture.
- Application Flexibility**
 The Planetgear can be retrofitted to accommodate any application including vertical arrangements.
- Fast Delivery**
 Applied® is an authorized build and repair center for the Rexnord Planetgear. You can expect **24-hour standard shipping time at no premium charge.**

A product of:



Authorized Distributor:



Top-Quality Accessories for Maximum Planetgear™ Efficiency



Rigid scoop facilitates the mounting and alignment of most motor frame sizes and eases final installations of the drive package.



Flanged motor mounts are available in Mercury through Polaris sizes, for NEMA frame sizes 56C to 286TC.



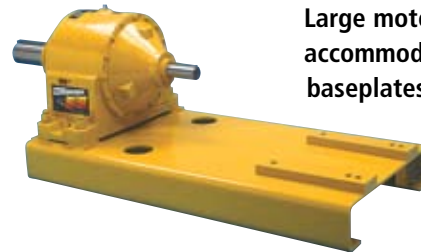
Planetgear™ motor mount saves space and allows precise speed adjustment.



Internally mounted, oil lubricated backstops are available for all Planetgear reducers.



Slidebases are available for all reducers to facilitate chain tensioning.



Large motors are easily accommodated on sturdy baseplates.



Reducers are easily modified for vertical service with either low speed or high speed shaft down.

Contact Your Local Applied® Service Center
1-877-279-2799



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