



# AURORA MOTORS

## Shaft Mount Reducers

<b>DIR and DIRSC Sizes Available</b>	DIR: 2-10 / DIRSC: 2-6
<b>AGMA Classes</b>	I, II, and III
<b>Efficiency Levels</b>	98.5% efficiency rate per gear stage

### Precision Gearing with High Load Capacity

Aurora Shaft Mount Reducer Models (DIR Sizes 2-10) and Aurora Screw Conveyor Drive Reducer Models (DIRSC sizes 2-6) are ideal for power conveyors, mixers, elevators, extruders, pumps, and many other heavy-duty applications.

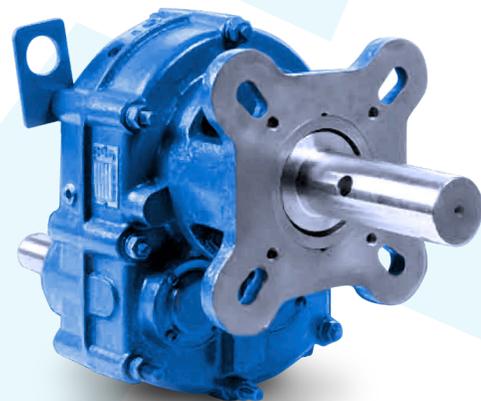
Our Shaft Mount Reducers are carburized with ground helical gearing and feature oversized bearings designed to ensure a long and reliable service life. Plus, the hardened alloy steel shafts, gear seats, and bearing/seal journals are manufactured to maximize durability. All high strength, cast iron housings are precision machined to provide superior support for all shafts.

### Range of Applications

Aurora Motors offers options for several different sizes of Shaft Mount Reducers, all of which share the nominal ratios of 9:1, 15:1, and 25:1, with output speeds up to 200 RPM and ratings up to 200 hp. Contact us to determine which solution is ideal for your specific application, including American Gear Manufacturers Association (AGMA) Load Classification.

### Product Features

- Precision high quality gearing
- 98.5% efficiency per gear stage
- Case carburized
- Superior alloy materials for high load capacity
- High strength cast iron housings
- Rigid bearing support with positive gear alignment
- Premium quality bearings
- Double lip seals
- Efficient lubrication system
- Direct replacement for popular name brands



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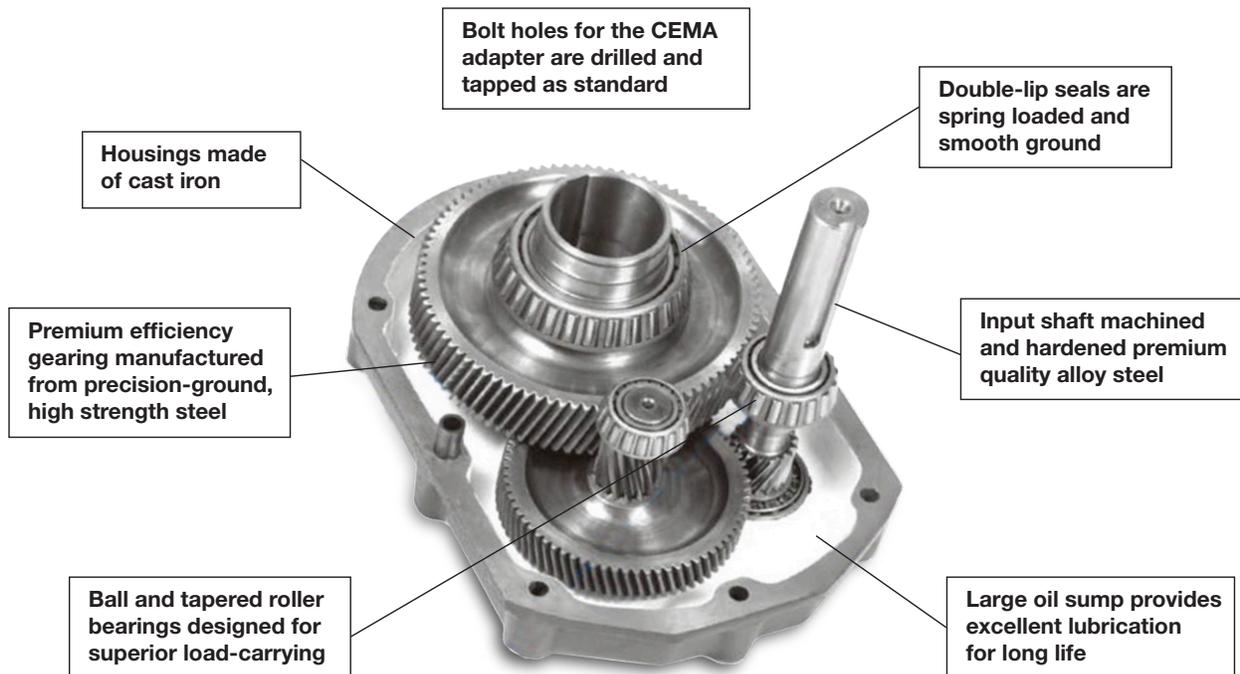


## Unmatched Quality, Performance, and Value



Aurora Motors speed reducers are enclosed shaft-mount-type units with double reduction ratio, either belt driven or direct coupled. Speed reducers are mounted directly on the driven shaft and utilize an adjustable torque arm to connect the gear case to the supportive structure. Our shaft mount reducers are direct replacements for popular name brands.

All gearings are helical, case carburized, and precision ground (not shaved), with a Rockwell hardness C 58-62, and a resilient core for high shock load capacity. All shaft mounts contain spring-loaded, double lip seals made of nitrile rubber. Tapered bushings with a range of bore variations provide an easy way to mount the reducer. All housings are made of high strength cast iron.



Largest in-stock Shaft Mounts (sizes 2-10) and Screw Conveyor Drives (sizes 2-6) in the United States and Canada  
Now accepting new representatives, distributors, and OEM partnerships



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