



Motors Accessories Made Easy

SMR Brochure



Shaft Mount Gear Reducers • Shaft Mount Gear Reducer Accessories



Shaft mount gear reducers are the silent heroes behind countless efficient power transmission systems, empowering various industries to achieve unmatched productivity and cost-effectiveness. Their ability to enhance electric motors by increasing torque, improving energy efficiency, and offering overload protection makes them indispensable.

If you need to elevate your equipment's performance, consider integrating NAE's shaft mount gear reducers. Experience the difference they bring to your processes, providing a smooth and reliable workflow.

Contact NAE's customer and technical service representatives today to explore the full range of shaft mount gear reducers tailored to suit your unique application needs. Drive your business to the next level by offering shaft mount gear reducers from NAE.



*Motor Accessories
Made Easy!*

Industrial Machinery

Shaft mount gear reducers can be found in various industrial machine applications, such as conveyor systems, mixers, agitators, and material handling equipment. By reducing the motor's speed, they help ensure smooth operation and prevent overloading, ultimately increasing the equipment's lifespan.



Mining and Quarrying

In mining and quarrying applications, where large loads and harsh environments are common, shaft mount gear reducers play a vital role. They assist in driving heavy-duty crushers, screens, and other machinery, enhancing productivity and reliability.



Agriculture

The agricultural sector benefits from shaft mount gear reducers when powering essential equipment like irrigation systems, grain augers, and feed mixers. These reducers improve energy efficiency and enable seamless operation across various agricultural tasks.



Shaft Mount Gear Reducer

NAE's shaft mount gear reducers offer dependability and performance you can trust. They come in box sizes from 2 - 10 and are in-stock every day. They are designed with quality bearings that provide you with a high-performance product to get the job done. Our Shaft Mount Gear Reducers are a Direct "Drop In" for TXT style gearboxes and we have a complete line of accessories and repair kits to go with them.



Shaft Mount Reducer

Box Size	2 – 10
Ratio	15:1 – 25:1
Output Bore <small>(max)</small>	1-15/16" – 5-7/16"

Standard Features/Specifications

Performance and convenience

- Twin tapered bore
- Screw conveyor adaptable
- Torque arm included
- CEMA adapter bolt holes

Reliability

- High quality bearings
- Computerized design & construction
- 2-year warranty

Protection

- Double lip seals
- Case hardened steel shafts & gears
- Corrosion resistant epoxy paint

Ratings

- Meets or exceeds AGMA 9 standards



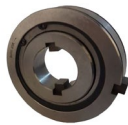
Shaft Mount Gear Reducer Accessories

Stay ahead of downtime with NAE's readily available shaft mount gear reducer accessories and repair kits. Our product selection ensures you have everything you need to stay operational and efficient. Don't let anything slow you down -stay up and running with NAE.



SMR Accessories
Bushing Kit

Box Size	2 – 10
Bushing Size	1-7/16" – 5-7/16"



SMR Accessories
Backstops

Box Size	2 – 10
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SMR Accessories
Motor Mount

Box Size	2 – 10
Motor Size Frame	56 – 365T



SMR Accessories
Torque Arms

Box Size	2 – 10
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SMR Accessories
Belt Guard

Box Size	2 – 10
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SMR Accessories
Screw Conveyor Adapter Flange

Box Size	2 – 7
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SMR Accessories
Drive Shafts

Box Size	2 – 7
Shaft Size	1-1/2" – 3-7/16"



SMR Accessories
Repair Kits

Box Size	2 – 10
Ratio	15:1 – 25:1



Accessories
Motor Slide Base

Frame	56 – 505T
Weight	3 – 137



No-Fault Motor Warranty

Motors with frame sizes 215T and smaller are covered under our “No-Fault Warranty”. The warranty period is 24 months from the date of invoice. This special limited warranty is offered one time per end-user, per application. If there is more than one failure, please follow our standard limited warranty policy and procedure and contact our warranty department for assistance. For information regarding this warranty policy you may contact our customer service department at (800) 884-0404 or visit our website at www.naemotors.com.

North American Electric’s liability under this warranty or any other warranty, expressed or implied, in law or fact, shall be limited to the replacement of the motor, and in no event shall North American Electric, LLC be liable for consequential or indirect damages, including freight.

Standard Limited Warranty		
	36 Months (from date of invoice)	24 Months (from date of invoice)
General Purpose Cast Iron Motors (TEFC & ODP)	•	
General Purpose, Aluminum Motors	•	
Rolled Steel Motors, Single Phase		•
Rolled Steel Motors, Three-Phase	•	
Crusher Duty Motors	•	
Stainless Steel Motors		•
Close Coupled Pump Motors	•	
Explosion Proof Motors		•
Oil Well Pump Motors	•	
Vertical Hollow Shaft Motors		•
Rotary Phase Converters		•
Shaft Mount Reducers		•
Motor Slide Bases	•	

For more information about warranty policies and procedures please contact our customer service department at (800) 884-0404, visit our website at www.naemotors.com or send us an email at sales@naemotors.com.





NAE offers high quality control panels at competitive prices with fast shipping.

NAE offers a wide range of pre-designed and custom motor control panels using NEMA 3R, NEMA 4, NEMA 12 and NEMA 4X enclosures to meet your application needs. **In-stock and ready to go!**



SAFETY SWITCHES – HEAVY DUTY
30 AMP—1200 AMP
480 VAC / 600 VAC



PART WIND STARTERS
10 HP—200 HP



SOFT STARTERS—CRUSHER/ULTRA
20 HP—800 HP



VFD—STANDARD
1 HP—800 HP Variable Torque
½ HP—600 HP Constant Torque



VFD—IRRIGATION
1 HP—800 HP
CHASSIS EXCHANGE PROGRAM



VFD—POSITIVE DISPLACEMENT PUMP
3 HP—600 HP
CHASSIS EXCHANGE PROGRAM



ACROSS THE LINE STARTERS
NEMA 1—NEMA 5



SOFT STARTERS
15 HP—300 HP



VFD—ECONOMY
1 HP—800 HP Variable Torque
½ HP—600 HP Constant Torque



VFD—WASHDOWN/STAINLESS
1 HP—200 HP Variable Torque
½ HP—150 HP Constant Torque



VFD—SUBMERSIBLE
½ HP—200 HP
CHASSIS EXCHANGE PROGRAM



VFD—BEAM PUMP
1 HP—200 HP
CHASSIS EXCHANGE PROGRAM

CUSTOM PANELS



Motor Controls Panel Customization Made Easy

NAE Motor Controls offers customers the ability to custom configure and order their control panel to meet their specific needs and have it shipped quickly. All NAE packaged panels are backed by our 2 year warranty and eligible for up to 6 years of protection with the “NO Hassle” Chassis Exchange program.



Visit our website at www.naemotors.com to learn more about our “No Hassle” Chassis Exchange program.

Choose North American Electric for your control panels where we make Motor Controls Easy. Visit our website to see more motors control panels at naemotors.com.





NAE offers high quality control panels at competitive prices with fast shipping.



NAE offers a wide range of pre-designed and custom motor control panels using NEMA 3R, NEMA 4, NEMA 12 and NEMA 4X enclosure to meet your application needs.

Pre-designed control panels offer:

- In-stock components for short lead times
- Detailed schematic drawings and component/wire labeling for ease of maintenance and troubleshooting
- Automated precision cut-outs completed in-house for fast assembly and quick turn-around
- Quality inspection of each control panel prior to shipment.
- All NAE control panels are UL certified
- Most standard control panels are assembled and shipped as quick as 24 hrs to 2 weeks
- Standard two (2) year warranty with optional warranty upgrades
- Free technical support

Need a custom panel? NAE offers customers the ability to custom configure and order their control panel to meet their specific needs and have it shipped quickly.

Choose North American Electric for your control panels where we make Motor Controls Easy. Visit our website to see more motors control panels at naemotors.com.



Continuing Education

North American Electric's continuing education courses were created with you in mind to provide information, tools, technical support, and training to sell, install, and support low voltage AC drives.



At NAE University, we provide you with an in-depth, hands on training designed for the beginner to the expert. The class will consist of a general overview and lab exercises of motor controls and their applications.

Our class will range from basic control programming training to in-depth product information. You'll get one on one time with our engineers who will be demonstrating how to solve complex issues in the field for your applications.



Contact Us



naemotors.com

▶ Check us out online, or call us at **800-884-0404**

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