NORD SEVERE DUTY +
IMPROVED CORROSION PROTECTION

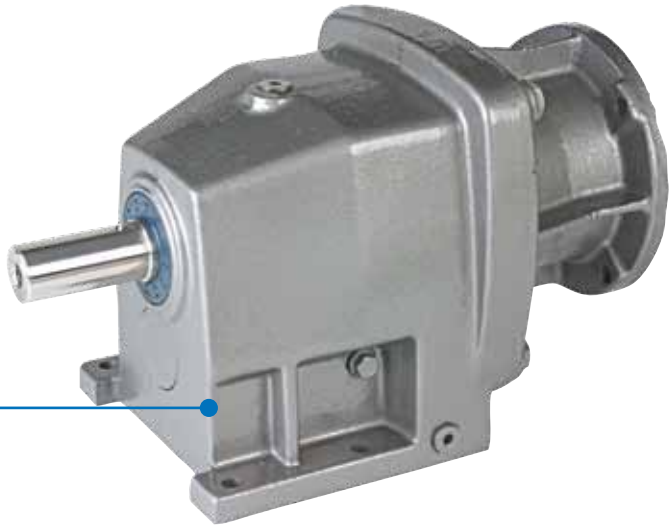
PERFORMANCE RANGE

With many standard features to help maximize operational processes, all of NORD's motors and speed reducers are constructed to provide a high level of protection against wet and severe environments – both inside and outside of your facilities. Extremely well-sealed against permeating moisture, our products use corrosion – and moisture – resistant components to reduce the effects of harmful environmental exposure. NSD+ sealed motor and gear units use a primer undercoat and stainless steel finish applied to the surface for increased protection in wet and outdoor installations. With a durable solvent-based coating, NSD+ units provide optimal protection for your specific application.

NSD+W White Coating

TYPICAL APPLICATION

- Indoor applications that are wet, dirty or include a water washdown
- Outdoor applications that are unprotected



NSD+ Stainless Coating

Additionally a variety of Severe Duty coatings options are available:

Finish	Color	Coating	Use
NSD+			
NORD Severe Duty + NSD+	Stainless steel silver (Gray)	1 x Primer high solid alkyd system 1 x Stainless steel (316) top coat (polyurethane)	Indoor or outdoor moderate environment
NORD Severe Duty +W NSD+W	White	1 x Primer high solid alkyd system 1 x White top coat (polyurethane)	Indoor or outdoor moderate environment
Alternate color NSD+	Black, Blue, Red, Orange	1 x Primer high solid alkyd system 1 x Color top coat (polyurethane)	Indoor or outdoor moderate environment

Special colors and paints possible please contact NORD with your specific requirements.

NORD SEVERE DUTY +

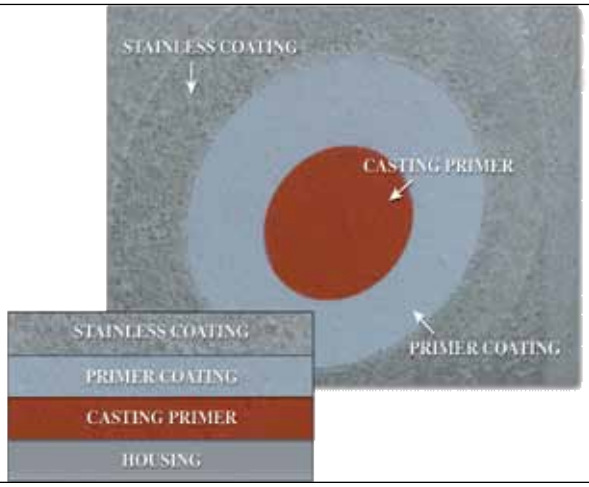
STANDARD PROTECTIVE

REDUCERS

- Unicase® housing design
- Autovent pressure relief breather or sealed housing
- Gear housing internally and externally prime painted
- Quadrilip™ or double lip output shaft seals
- Stainless steel nameplate
- Factory oil-filled
- Stainless steel (316) protective paint coating – Suitable for use in a USDA inspected facility

MOTORS

- Shaft lip seals on both ends of the motor shafts
- Stator to end bell connections sealed to exclude moisture
- Double coated magnetic wire insulation
- Moisture-resistant varnish-dipped windings
- Inorganic insulating components for tropical protection
- Moisture-resistant motor windings
- Conduit box sealed with gaskets
- Corrosion resistant alloy materials
- Stainless steel (316) protective paint coating – Suitable for use in a USDA inspected facility



ADDED NSD PROTECTIVE BENEFITS

- Solvent-based paint for increased durability
- Includes additional primer undercoat for improved corrosion protection
- Outstanding exterior durability and corrosion resistance
- Superior chemical resistance when exposed to industrial solvents : lacquer thinner, acetone, gasoline, Xylol, lubricants and cutting oils
- Cured coating develops 2H hardness, yet exhibits excellent high impact resistance
- Stands up to heat and humidity (tested for 500 hours at 100% humidity and 100°F)
- Available in stainless steel (316) – or white finish

DRIVESYSTEMS

www.nord.com

NORD Gear Corporation
National Customer Service Toll-Free: 888.314.6673
info.us@nord.com

NORD Gear Limited
Toll-Free in Canada: 800.668.4378
info.ca@nord.com

WEST
Corona, CA (Los Angeles)
Phone: 608.849.0190

MIDWEST
Waunakee, WI (Madison)
Phone: 608.849.7300

EAST
Charlotte, NC
Phone: 608.849.0140

CANADA
Brampton, ON (Toronto)
Phone: 905.796.3606

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