

NORD SEVERE DUTY EXTREME

ENHANCED CORROSION PROTECTION

PERFORMANCE RANGE

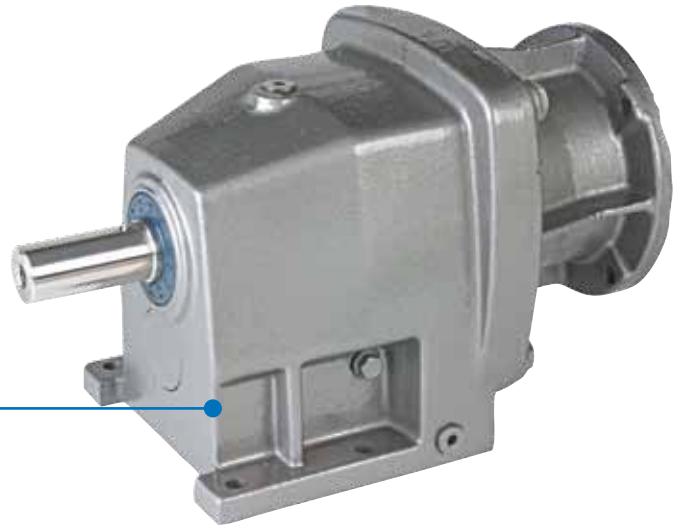
With many standard features to help maximize operational processes, all of NORD's motors and speed reducers are constructed to provide a high level of protection against wet and severe environments – both inside and outside of your facilities. Extremely well-sealed against permeating moisture, our products use corrosion – and moisture – resistant components to reduce the effects of harmful environmental exposure. NSD-X3 sealed motor and gear units use a primer undercoat and stainless steel finish and clear top coat applied to the surface for increased protection in wet and outdoor installations. With a durable solvent-based coating, NSD-X3 units provide maximum protection for your extreme application conditions.



NSD-X3W White Coating


TYPICAL APPLICATION

- Indoor applications that are wet, dirty or include a chemical washdown
- Outdoor applications that are unprotected and exposed to severe environmental conditions

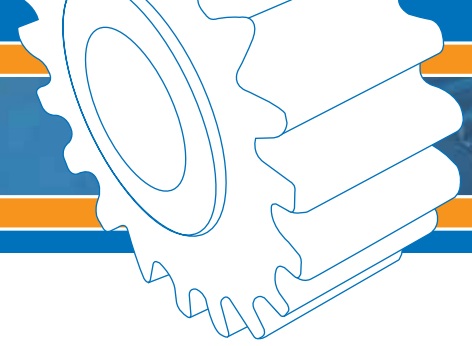


NSD-X3 Stainless Coating

Additionally a variety of coating options are available including our Severe Duty coatings:

Finish	Color	Coating	Use
			
NORD Severe Duty Extreme NSD-X3	Stainless steel silver (Gray)	1 x Primer high solid alkyd system 1 x Stainless steel (316) (polyurethane) 1 x Clear top coat (polyurethane)	Indoor or outdoor more severe environment
NORD Severe Duty Extreme NSD-X3W	White	1 x Primer high solid alkyd system 1 x White (polyurethane) 1 x Clear top coat (polyurethane)	Indoor or outdoor more severe environment
Alternate color NSD-X3	Black, Blue, Red, Orange	1 x Primer high solid alkyd system 1 x Color (polyurethane) 1 x Clear top coat (polyurethane)	Indoor or outdoor more severe environment

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



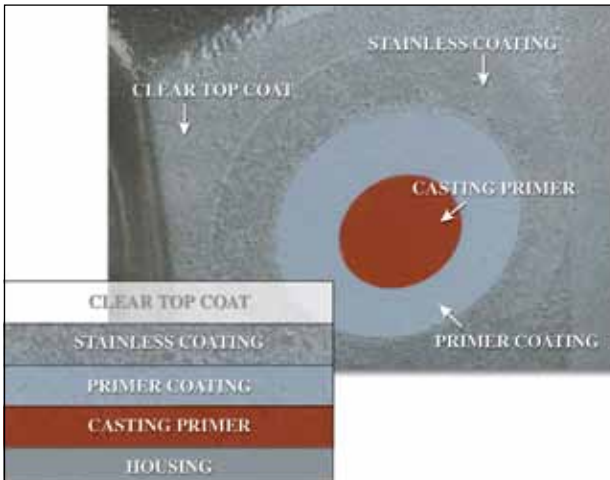
STANDARD PROTECTIVE

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 – USDA/H compliant
Suitable for use in a USDA inspected facility



ADDED NSD-X3 PROTECTIVE BENEFITS

- Solvent-based paint for increased durability
- Includes additional primer undercoat for improved corrosion protection
- Clear top coat for added protection
- Outstanding exterior durability and corrosion resistance
- Superior chemical resistance when exposed to industrial solvents : laquer 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

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