



Carlson - Dimond & Wright, Inc.

Nord Protective Features

... all at no additional cost!

All NORD Motors and Speed Reducers are constructed to provide a high degree of protection against wet and severe environments. NORD Motors and Speed Reducers are extremely well sealed against moisture ingress and use corrosion and moisture resistant components. NORD has made many enhancements in the motor and gear units standard construction to provide improved environmental protection. Many of the standard protection features of the NORD units are only available at an additional cost from other motor and gear drive suppliers. NORD designs all gearmotors, speed reducers and motors for installation in harsh industrial, commercial and municipal installation environments.

FEATURES THAT PROTECT YOUR IN-PLANT PERFORMANCE

- Corrosion-resistant construction and coatings
- Eliminate oil leaks
- Keep reducer lubricants clean for longer life
- Lengthen maintenance intervals
- Position gear tooth contact properly during all load cycles
- Maximize bearing life

FEATURES THAT PROTECT THE NATURAL ENVIRONMENT

- Low VOC paint coatings
- Quiet operation for reduced noise pollution
- Eliminate messy oil cleanups
- Premium efficient designs use less energy

STANDARD NORD GEAR UNITS PROTECTIVE DESIGN ADVANTAGES

- Unicase® housing design
- Autovent pressure relief breather or sealed housing
- Gear housing internally and externally prime painted
- Corrosion resistant housing materials
- Quadrilip™ or double lip output shaft seals
- Stainless steel (316L) protective paint coating – USDA/H1
- Stainless steel nameplate
- Factory oil-filled (except gear sizes SK10282 – SK12382)

STANDARD NORD MOTORS – SEALED

- Shaft lip seals on both ends of the motor shafts
- Stator to end bell connections sealed to exclude moisture
- Double coated magnetic wire insulation
- Inverter/vector duty insulation system conforms to NEMA MG1-2006, section 31.4.4.2 voltage spikes
- Moisture resistant varnish dipped windings – improved varnish materials
- Inorganic insulating components for tropical protection
- Moisture resistant motor windings
- Conduit box sealed with gaskets
- Corrosion resistant alloy materials
- Stainless steel (316L) protective paint coating – USDA/H1

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