

Intelligent Drivesystems, Worldwide Services



GB

**Geared motors for  
outdoor installation**

  
**DRIVESYSTEMS**

# Reliable geared motors for outdoor use

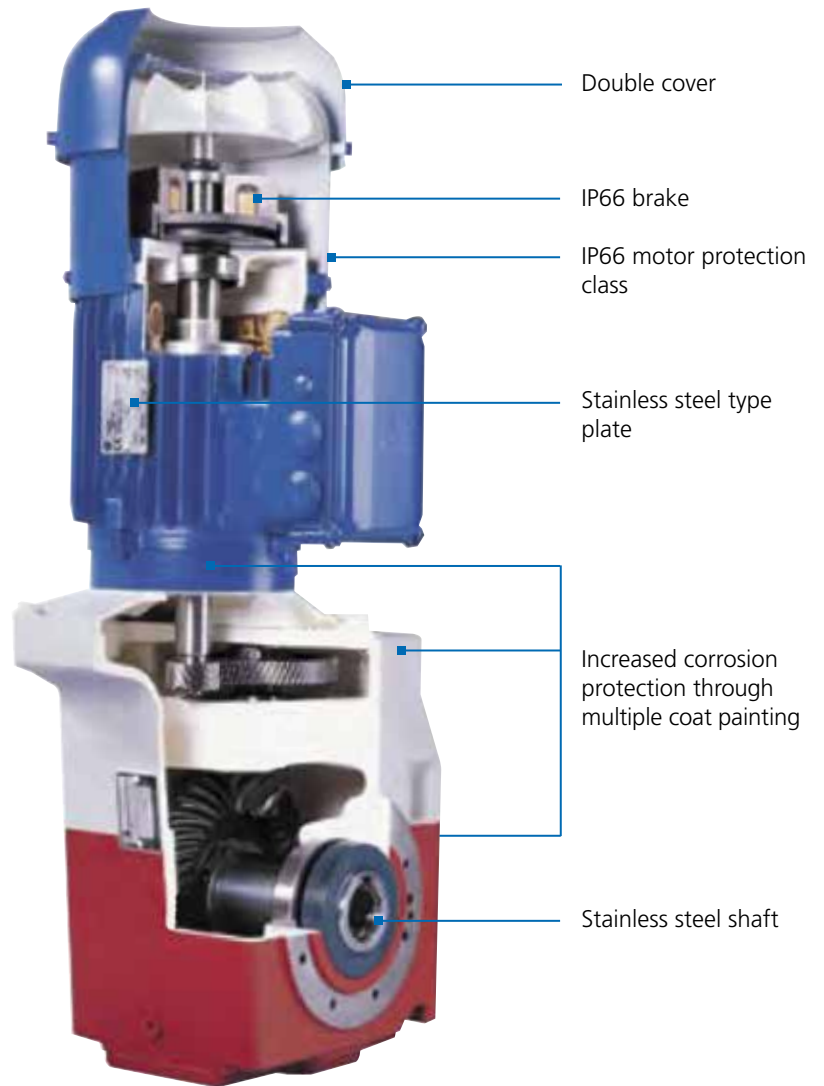
## Protect equipment, safeguard processes

Drives used outdoors are subject to critical influences such as moisture, cold and heat, dust and dirt or even chemicals. To prevent such extreme conditions from harming the advanced NORD geared motors, we protect their high reliability and functionality by taking selective measures, thus safeguarding the efficiency of your processes!

## Clear solutions since 1965

We have been supplying clear conveyance solutions since our foundation more than 46 years ago. When motion is demanded, you cannot go without the components and systems of our drives.

We offer a complete range of mechanical, electrical and electronic drive technology from a single source, from motors and gear units to central and decentralised control technology.



### **NORD DRIVESYSTEMS promise:**

- Highest standards of technology and quality
- Comprehensive advice on systems and products
- High availability and rapid service throughout the world

Paint coats for roofed and unroofed outdoor installations, for outdoor installation in city and industrial climate from low to high exposure and for outdoor installation in sea climate.



Outdoor installation / Motor protection class IP55	Outdoor installation / Motor protection class IP66	Outdoor installation in vertical version	Outdoor installation / Gear unit
<ul style="list-style-type: none"> <li>• Motor with shaft sealing ring on the B side</li> <li>• Electrolytically galvanized fan cover</li> <li>• Brake IP55 with stainless rotor disc and brake drive dog made from stainless material</li> <li>• Optional special coating</li> <li>• Optional rust-proof friction plate for the brakes</li> <li>• Stainless type plate</li> <li>• Stainless fixing screws</li> </ul>	<ul style="list-style-type: none"> <li>• Motor with shaft sealing ring on the B side</li> <li>• Electrolytically galvanized fan cover</li> <li>• Terminal box, encapsulated</li> <li>• Stainless type plate</li> <li>• Ball bearing in 2RS version with sealing discs</li> <li>• Brake and motor as IP66</li> </ul>	<ul style="list-style-type: none"> <li>• Double fan cowl RDD</li> <li>• Stainless type plate</li> <li>• Stainless fixing screws</li> </ul> <p>Further options</p> <ul style="list-style-type: none"> <li>• Condensation drain holes, screw plugs</li> <li>• Standstill heating</li> <li>• Moisture protection insulation</li> </ul>	<ul style="list-style-type: none"> <li>• Stainless fastening element</li> <li>• Pressure venting</li> <li>• Stainless type plate</li> <li>• Stainless fixing screws</li> <li>• Painting 2 or 3 coats</li> </ul> <p>Further options</p> <ul style="list-style-type: none"> <li>• Stainless drive shaft</li> <li>• Cover IP66 for hollow shaft gear units</li> <li>• Drive shafts or hollow shafts KANISIL®-coated</li> <li>• Stainless fixing screws</li> </ul>

Painting type	Version	Normal coat thickness, approx. $\mu\text{m}$	Recommended use	EN 12944 Corrosion Cat.
1	1 x Single component dip priming of cast iron components (red-brown) 1 x Single component universal primer	30 40	For top-coat to be applied by customer	
3.0	1 x Single component dip priming of cast iron components (red-brown) 1 x Two-component polyurethane primer (2-K-PUR primer) 1 x two-component polyurethane (2-K-PUR) HS finishing coat	40 70 40 Total 110 - 150	For indoor and outdoor environments with low contamination levels	C2
3.1	1 x Single component dip priming of cast iron components (red-brown) 1 x Two-component polyurethane primer (2-K-PUR primer) 1 x two-component polyurethane (2-K-PUR) HS finishing coat	40 70 each 40 Total 180 - 220	For indoor and outdoor environments with moderate contamination levels	C3
3.2	1 x Single component dip priming of cast iron components (red-brown) 1 x Two-component polyurethane primer (2-K-PUR primer) 1 x two-component polyurethane (2-K-PUR) HS finishing coat	40 70 each 40 each Total 220 - 260	For indoor and outdoor installation with high environmental contamination (B-bearing cover, outside Fan cover, inside)	C4 / C5
3.3	1 x Single component dip priming of cast iron components (red-brown) 1 x Two-component polyurethane primer (2-K-PUR primer) 1 x two-component polyurethane (2-K-PUR) HS finishing coat  With sealing of all screw heads, holes and gaps	40 2 x 70 2 x 40 Total 220 - 260	For coastal and off-shore areas (B-bearing cover, outside Fan cover, inside)	C5



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[www.nord.com/locator](http://www.nord.com/locator)

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