



## DRIVES & INVERTERS

Product Overview

**BEE4**  
EMPOWERING SUPPLIER

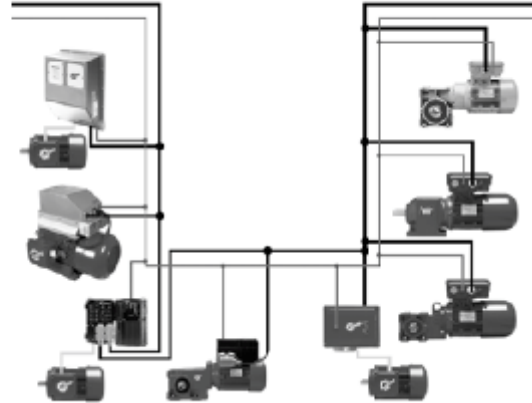
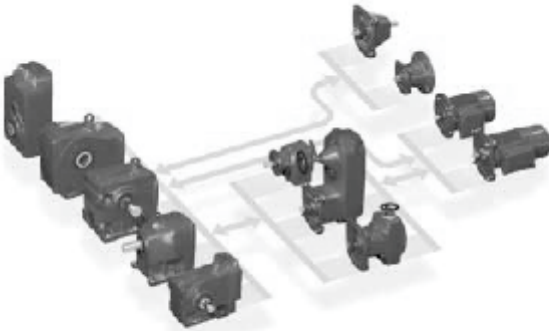
ISO 9001	Certified
ISO 14001	Certified
OHSAS 18001	Certified



# INDEX

INTRODUCTION	1
MECHANICAL PRODUCTS	2-3
ELECTRONIC FEATURES	4
ELECTRONIC PRODUCTS	5



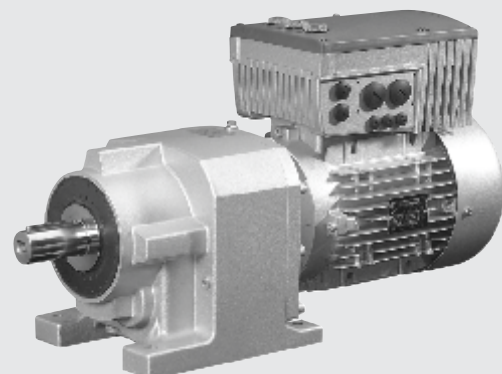



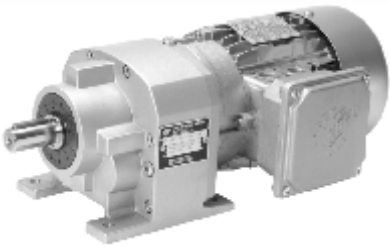
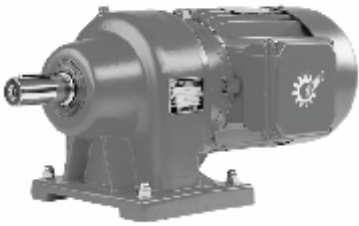

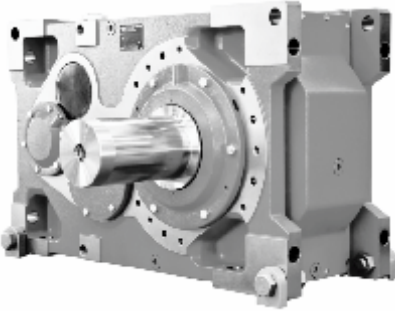
## MECHANICAL DRIVE TECHNOLOGY

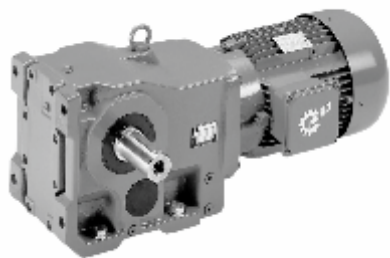
- 20 million individual geared motor variants
- UNICASE concept a development by NORD (highest reliability of operation, high axial and radial load capacity, long operating life and more...)
- Power 0.12 to 200 kW
- Torque: 10 to 200,000 Nm
- Parallel, helical, bevel and worm gear drives

## ELECTRONIC DRIVE TECHNOLOGY

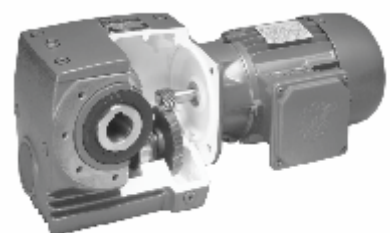
- Switching cabinet devices (IP20) 0.25 to 160 kW
- Decentralised drive solutions from 0.55 to 55 kW
- All common BUS systems for integration into automation systems
- Innovative safety technology and functional positioning
- Solutions for the ATEX field
- Servo systems including control and bus communication



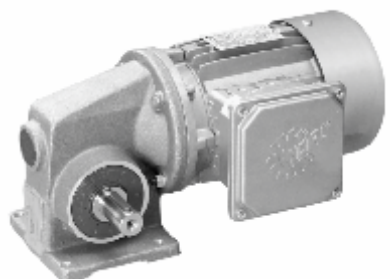
	<table border="1"> <thead> <tr> <th colspan="4">UNICASE</th> </tr> </thead> <tbody> <tr> <td><b>Kw</b></td> <td>0.12</td> <td>-</td> <td>160</td> </tr> <tr> <td><b>Nm</b></td> <td>58</td> <td>-</td> <td>23 160</td> </tr> </tbody> </table>	UNICASE				<b>Kw</b>	0.12	-	160	<b>Nm</b>	58	-	23 160
UNICASE													
<b>Kw</b>	0.12	-	160										
<b>Nm</b>	58	-	23 160										
	<table border="1"> <thead> <tr> <th colspan="4">NORDBLOC</th> </tr> </thead> <tbody> <tr> <td><b>Kw</b></td> <td>0.12</td> <td>-</td> <td>37</td> </tr> <tr> <td><b>Nm</b></td> <td>55</td> <td>-</td> <td>3 300</td> </tr> </tbody> </table>	NORDBLOC				<b>Kw</b>	0.12	-	37	<b>Nm</b>	55	-	3 300
NORDBLOC													
<b>Kw</b>	0.12	-	37										
<b>Nm</b>	55	-	3 300										
	<table border="1"> <thead> <tr> <th colspan="4">STANDARD</th> </tr> </thead> <tbody> <tr> <td><b>Kw</b></td> <td>0.12</td> <td>-</td> <td>7.7</td> </tr> <tr> <td><b>Nm</b></td> <td>50</td> <td>-</td> <td>700</td> </tr> </tbody> </table>	STANDARD				<b>Kw</b>	0.12	-	7.7	<b>Nm</b>	50	-	700
STANDARD													
<b>Kw</b>	0.12	-	7.7										
<b>Nm</b>	50	-	700										
	<table border="1"> <thead> <tr> <th colspan="4">PARALLEL GEAR UNIT</th> </tr> </thead> <tbody> <tr> <td><b>Kw</b></td> <td>0.12</td> <td>-</td> <td>200</td> </tr> <tr> <td><b>Nm</b></td> <td>116</td> <td>-</td> <td>90 000</td> </tr> </tbody> </table>	PARALLEL GEAR UNIT				<b>Kw</b>	0.12	-	200	<b>Nm</b>	116	-	90 000
PARALLEL GEAR UNIT													
<b>Kw</b>	0.12	-	200										
<b>Nm</b>	116	-	90 000										
	<table border="1"> <thead> <tr> <th colspan="4">INDUSTRIAL GEAR UNIT</th> </tr> </thead> <tbody> <tr> <td><b>Kw</b></td> <td>2.2</td> <td>-</td> <td>1 000</td> </tr> <tr> <td><b>Nm</b></td> <td>60</td> <td>-</td> <td>200</td> </tr> </tbody> </table>	INDUSTRIAL GEAR UNIT				<b>Kw</b>	2.2	-	1 000	<b>Nm</b>	60	-	200
INDUSTRIAL GEAR UNIT													
<b>Kw</b>	2.2	-	1 000										
<b>Nm</b>	60	-	200										



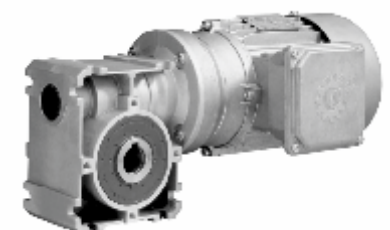
BEVEL GEAR			
<b>Kw</b>	0.12	-	200
<b>Nm</b>	94	-	50 000



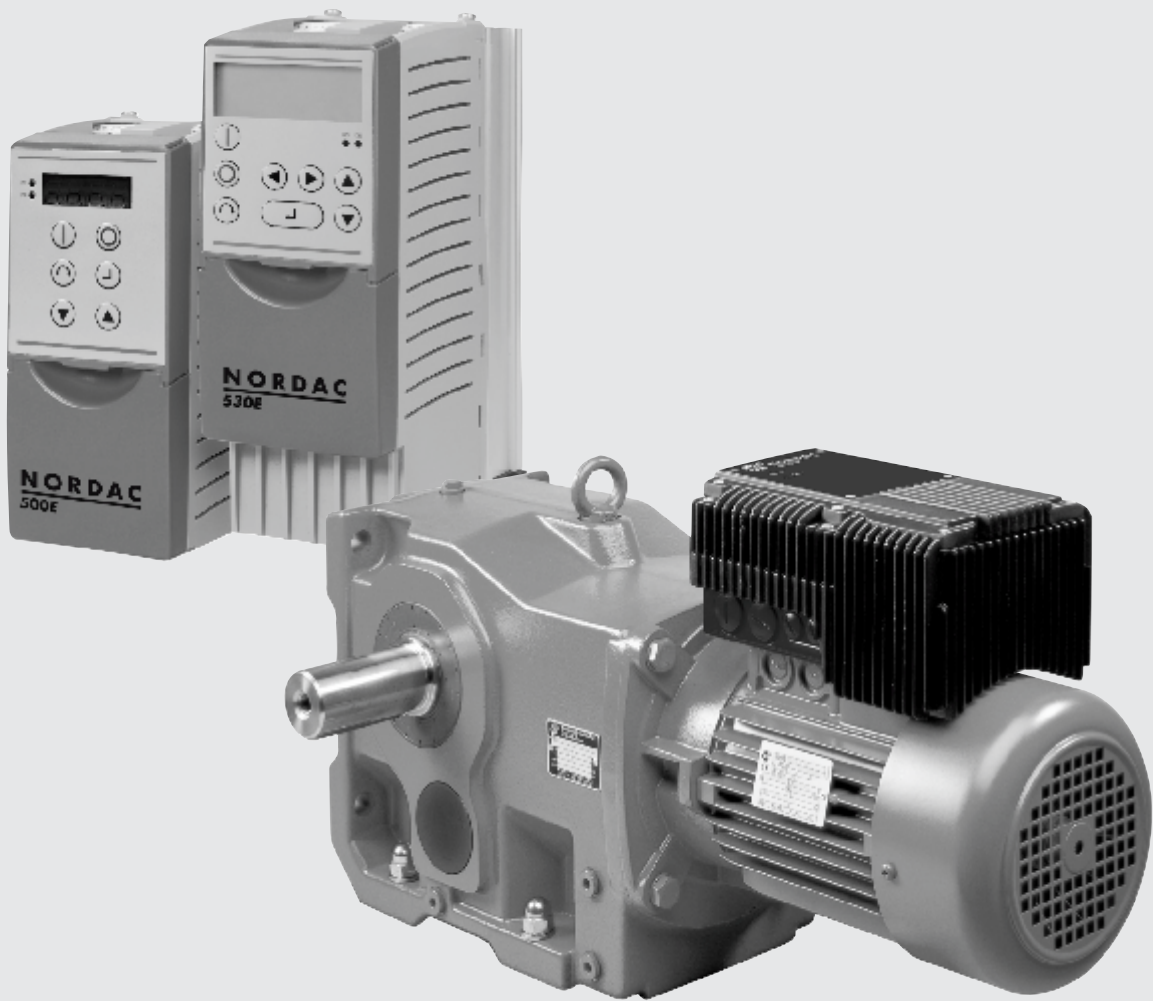
WORM GEAR			
<b>Kw</b>	0.12	-	15
<b>Nm</b>	94	-	3 058



SM - Worm Gear			
<b>Kw</b>	0.12	-	1.5
<b>Nm</b>	19	-	270



SI - Worm Gear			
<b>Kw</b>	0.12	-	4
<b>Nm</b>	23	-	427



## CHARACTERISTICS




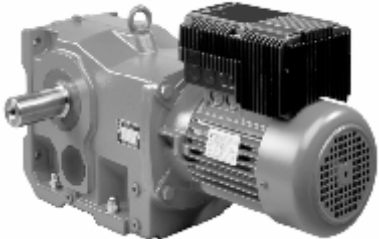

- High quality regulation through sensorless ISD current vector regulation
- Simple to operate and handle
- Certifications



## INTEGRATED FEATURES

- Line filter CLASS A
- Brake control and brake chopper
- PTC input
- PID controller
- Process controller



	<p><b>SK 500E</b></p> <p>FREQUENCY INVERTER</p>	<p>CENTRAL DRIVE TECHNOLOGY (IP0)</p>
	<p><b>SK 700E</b></p> <p>FREQUENCY INVERTER</p>	
	<p><b>SK 1000E</b></p> <p>SERVO CONTROLLER</p>	
	<p><b>SK 200E</b></p> <p>FREQUENCY INVERTER</p>	<p>DECENTRALISED DRIVE TECHNOLOGY (IP55/IP66)</p>
	<p><b>SK 300E</b></p> <p>FREQUENCY INVERTER</p>	
	<p><b>SK 750E</b></p> <p>FREQUENCY INVERTER</p>	









24 HR TOLL-FREE EMERGENCY  
BRANCH HELPLINE:

**0800 022 224**

WEBSITE:

**[www.bmgworld.net](http://www.bmgworld.net)**



 An Invicta Holdings Group Company

BEARINGS • SEALS • POWER TRANSMISSION • DRIVES & MOTORS  
MATERIALS HANDLING • FASTENERS & TOOLS • HYDRAULICS  
PNEUMATICS • FILTRATION • LUBRICATION • VALVES  
TECHNICAL RESOURCES • FIELD SERVICES

**BEE4**  
EMPOWERING SUPPLIER

ISO 9001	Certified
ISO 14001	Certified
OHSAS 18001	Certified