

Geared motors



UNICASE helical gear units

- Foot or flange mounted
- Long life, low maintenance
- Optimum sealing
- UNICASE housing

Sizes	11
kW	0.12 – 160
Nm	10 – 26,000
i	1.35:1 - 14,340.31:1



NORDBLOC.1 helical gear units

- Foot or flange mounted
- Die-cast aluminium housing
- UNICASE housing
- Industry standard dimensions

Sizes	13
kW	0.12 – 37
Nm	30 – 3,300
i	1.07:1 – 456.77:1



UNICASE parallel geared units

- Foot mounted, flange mounted or hollow shaft mounted
- Hollow or solid shaft
- Compact design
- UNICASE housing

Sizes	15
kW	0.12 – 200
Nm	110 – 100,000
i	4.03:1 – 6,616.79:1



NORDBLOC.1 bevel gear units

- Foot mounted, flange mounted or hollow shaft mounted
- Hollow or solid shaft
- UNICASE housing

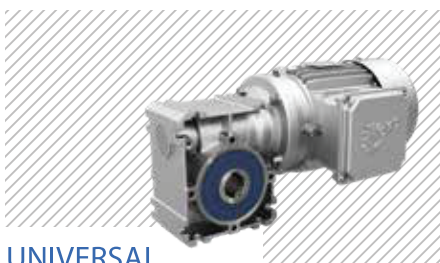
Sizes	6
kW	0.12 – 9.2
Nm	50 – 660
i	3.03:1 – 70:1



UNICASE helical worm gear units

- Foot mounted, flange mounted or hollow shaft mounted
- Hollow or solid shaft
- UNICASE housing

Sizes	6
kW	0.12 – 15
Nm	94 – 3,058
i	4.40:1 – 7,095.12:1



UNIVERSAL SI worm gear units

- Modular
- Universal mounting
- Life-long lubrication

Sizes	5
kW	0.12 – 4.0
Nm	21 – 427
i	5.00:1 – 3,000.00:1



UNICASE bevel gear units

- Foot mounted, flange mounted or hollow shaft mounted
- Hollow or solid shaft
- UNICASE housing

Sizes	11
kW	0.12 – 200
Nm	180 – 50,000
i	8.04:1 – 13,432.68:1



UNIVERSAL SMI worm gear units

- Smooth surfaces
- Life-long lubrication

Sizes	5
kW	0.12 – 4.0
Nm	21 – 427
i	5.00:1 – 3,000.00:1

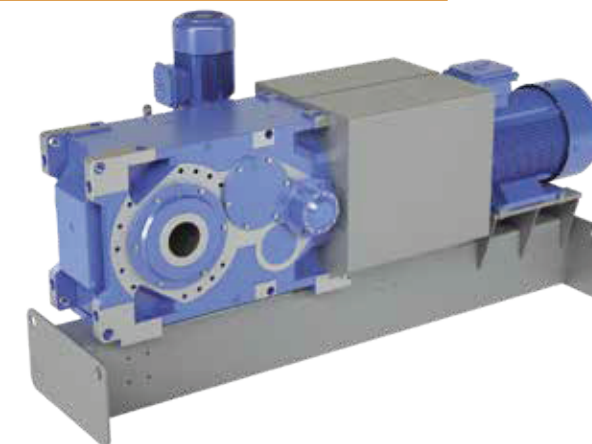


Industrial gear units MAXXDRIVE™

- All bearing contact and sealing surfaces are machined in one operation
- No separating joints in the housing, therefore no sealing surfaces subject to torque
- High-precision axis alignment, quiet running
- Long life, low maintenance
- Gear ratio range 5.54 to 400:1 with the same foot dimensions
- Parallel axis and right-angled gear units

Sizes	11
kW	1,5 – 4.000
kNm	15/20/25/30/40/50/75/110/150/190/250
i	5,60:1 – 30.000:1

NORD is the only manufacturer which produces modular industrial gear units with an output torque of up to 250,000Nm in a one-piece UNICASE housing.



ATEX

NORD gear motors and industrial gear units are also available in ATEX certified versions.



IMECHANICS

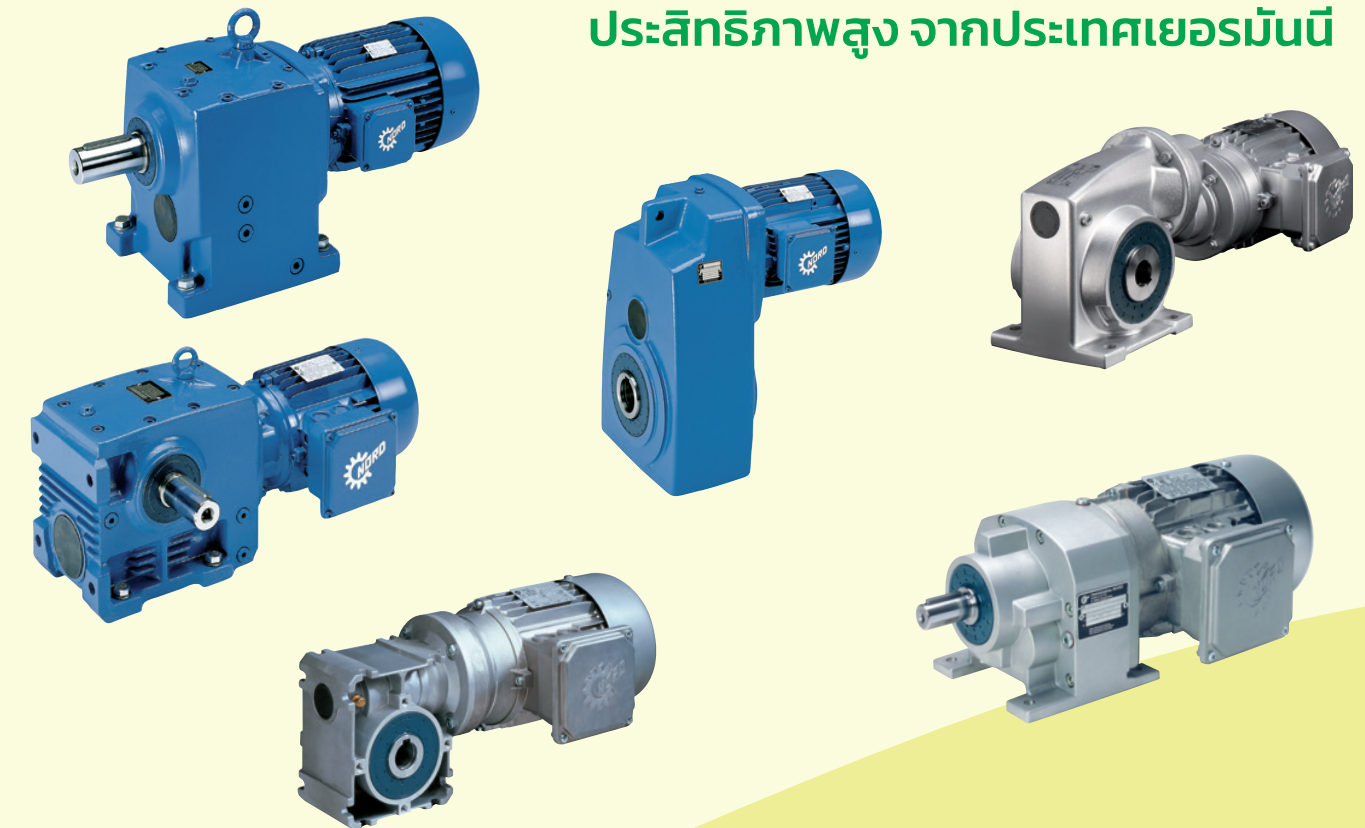


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www.MOTOR789.com

www.IMECHANICS.co.th

มอเตอร์ไฟฟ้า มอเตอร์เกียร์ NORD
ประสิทธิภาพสูงจากประเทศเยอรมัน



ผู้นำเข้า และตัวแทนจำหน่ายสินค้าอุตสาหกรรม
ที่มีสต็อกเยอะที่สุดในประเทศ

Drive electronics

Functions

- High precision regulation with current vector control
- Compatible with all common bus systems
- 4-quadrant operation
- PLC functionality for tasks close to the drive unit
- Energy-saving function for partial load operation
- Control and parameterization tools and simple parameter structure
- Integrated line filter for compliance with EMC regulations

- Operation of asynchronous and synchronous motors
- Control and closed loop regulation
- POSICON – Integrated positioning mode and synchronization
- STO and SS1 – Integrated functional safety
- Integrated brake rectifier for motor brake control

Advantages

- Scalable functionality – flexible configuration and function
- High torque capability for every drive application
- Simple commissioning and operation

ATEX

NORD drive electronics is available in ATEX certified versions.

All combinations of NORD products feature the highest system efficiency level IES2.



Drive electronic +

+ Motor

Power Drive Systems (PDS)

Motors



Energy-saving motors



Switchable pole motors



Single phase motors



Smooth motors



Explosion protected motors
Gas atmospheres



Explosion protected motors
Dust atmospheres



Special features

- Motors developed and produced by NORD
- We produce energy-efficient products for all parts of the world
- Products available at all international sites



NORD AC PRO :
Control cabinet inverter SK 500E

The frequency inverter for all drive applications: wide power range and capability of extension of functionality with plug-in option modules. Heat removal is optimized thanks to the variable cooling concept.

Nominal ratings:

- Power range up to 160 kW
- Control cabinet installation
- IP20



FLEX : SK 200E
decentralized frequency inverter

Decentralized drive unit with versatile installation possibilities. Simple commissioning and maintenance through extensive plug-in capability and simple parameter transfer via EEPROM.

Nominal ratings:

- Power range up to 22kW
- Wall or motor installation
- IP55, IP66



NORDAC BASE : Decentralized
frequency inverter SK 180E

Economical decentralized version for simple drive applications. Low installation costs as well as robust design for simple installation outside the control cabinet.

Nominal ratings:

- Power range up to 22kW
- Wall or motor installation
- IP55, IP66, IP69K



NORDAC START :
Motor starter SK 135E

The decentralized starter for all types of soft starting. With integrated motor protection and reversing function for flexible integration into the system.

Nominal ratings:

- Power range up to 7.5kW
- Wall or motor installation
- IP55, IP66, IP69K



NORDAC LINK :
Frequency inverter SK 250E

The field distribution system for flexible, decentralized installation. Flexible configuration and function - freely configurable according to requirements and application. Available as inverter and starter. Fast commissioning through high level of plug-in capability. Simple servicing of the system through integrated maintenance switch and local manual control facility.

Nominal ratings inverters:

- Power range up to 7.5 kW
- Field installation
- IP55, IP65



NORDAC LINK :
Motor starter SK 150E

Nominal ratings starter:

- Power range up to 3 kW
- Field installation
- IP65

JOB REFERENCE



บริษัท ไอเมคานิกส์ จำกัด และ บริษัท มอเตอร์789 จำกัด

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