



Sumitomo Drive Technologies



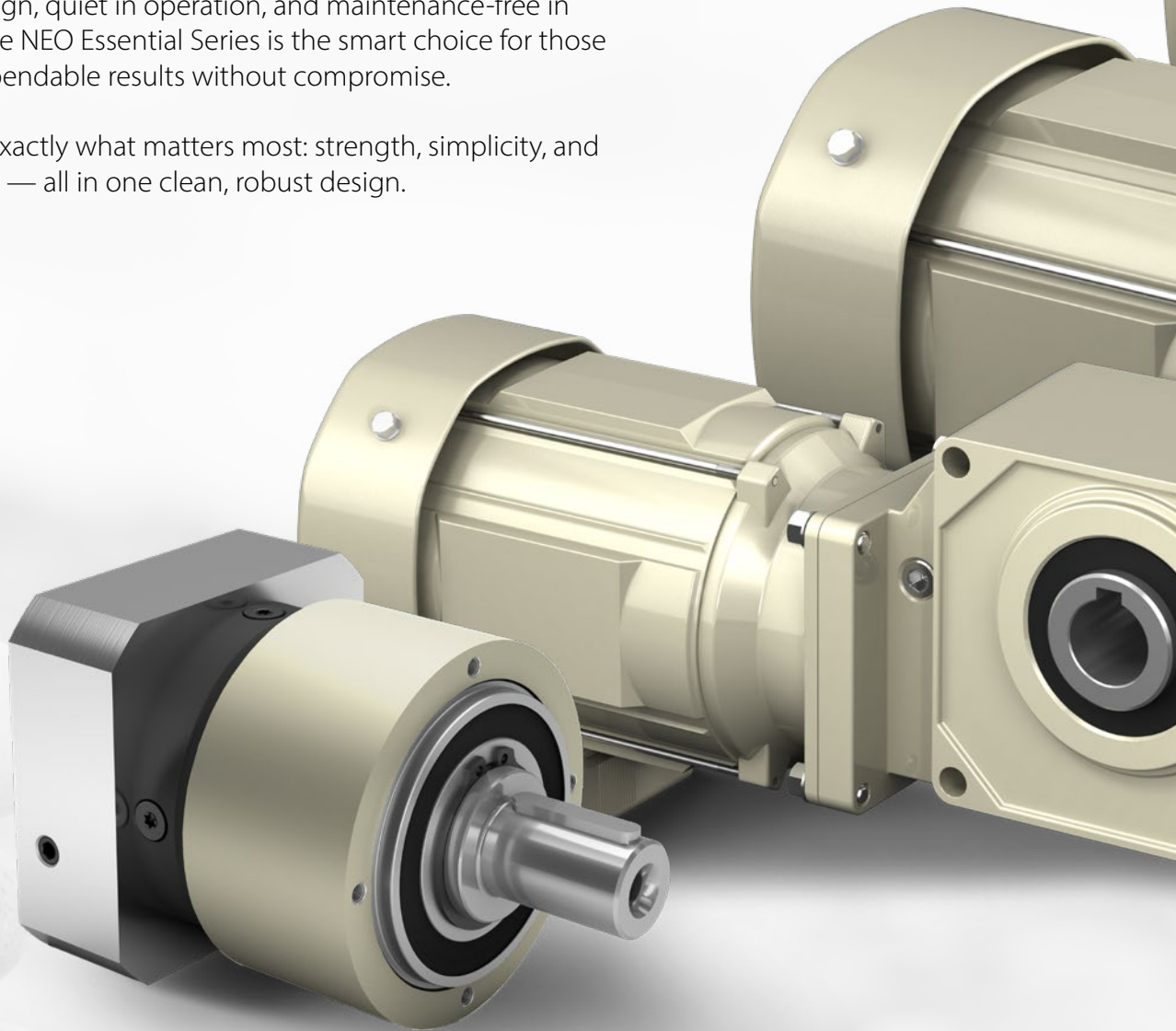
COST EFFECTIVE SOLUTIONS FOCUSED ON YOUR ESSENTIAL NEEDS

NEO ESSENTIAL SERIES

NEO ESSENTIAL SERIES

Compact in design, quiet in operation, and maintenance-free in performance, the NEO Essential Series is the smart choice for those who expect dependable results without compromise.

Built to deliver exactly what matters most: strength, simplicity, and lasting reliability — all in one clean, robust design.



PLANETRA™ NEO

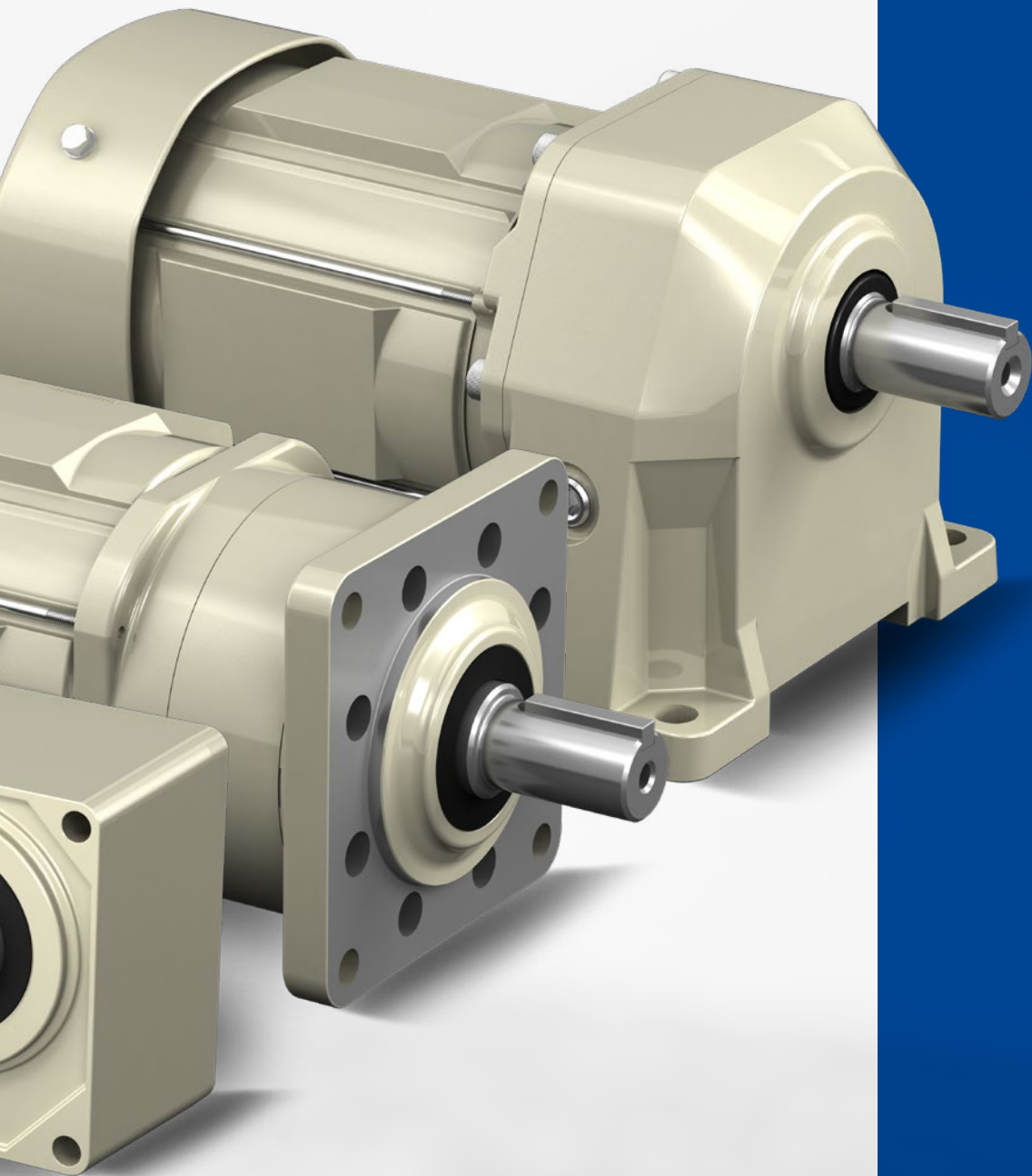
Gear

Optimized output bearing for higher radial & axial forces. Compact outer contour allows it to be used in limited spaces.

HYPONIC® NEO

Gearmotor

Right-angle gearmotor with space-saving design. Highly efficient and low-noise hypoid gears for a wide range of applications.



ALTAX® NEO

Gearmotor

Unique cyclo reducer with smooth, rolling contact. High integration of gearhead and motor results in a very compact design.

PREST® NEO

Gearmotor

Compact gearmotor with unparalleled benefits. The ultimate in usability, which is essentially required by the gearmotor.



LOW COST



LOW NOISE



COMPACT



UNIVERSAL FIT

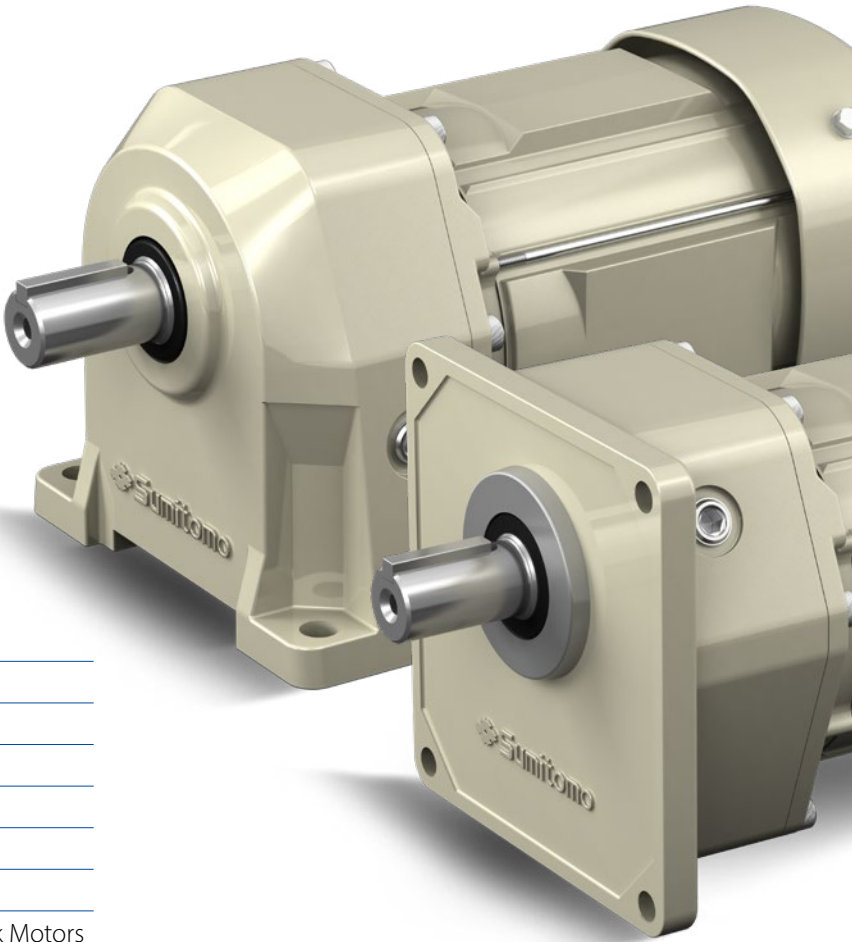


**NO
MAINTENANCE**

PREST® NEO GEARMOTOR

The PREST® NEO series combines high-performance engineering with a remarkably compact design. Built for flexibility, quiet operation, and lasting reliability, it delivers efficient power in a form that fits seamlessly into modern industrial environments.

-  **LOW NOISE**
-  **HIGH RADIAL LOADS**
-  **UNIVERSAL FIT**
-  **NO MAINTENANCE**
-  **COMPACT**



Output Shaft	Solid Shaft
Output Shaft Direction	Universal
Mounting Method	Foot Mount, Flange Mount
Number of Sizes	10 Sizes
Reduction Ratio	3:1 - 200:1
Output Torque	Up to 1230Nm
Motor Capacity	0.12kW - 2.2kW
Motor Type	Premium Efficiency IE3 CE Mark Motors

Triple Lip Seal

3 layered seal creates a high leakage protection level.

Scratch/Peeling Resistance

Powder coated paint created using the thermosetting method for higher resistance.

Compact

Achieved with the adoption of a highly rigid casing & newly developed motor.

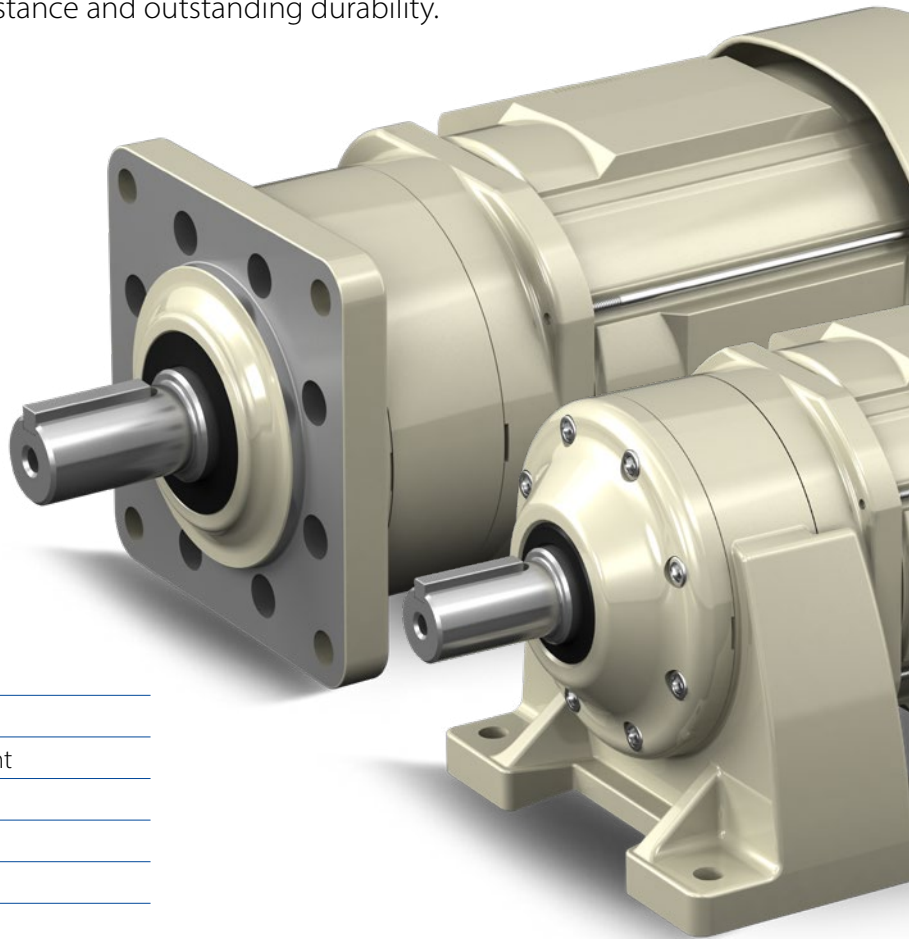

get insights



ALTAX[®] NEO

GEARMOTOR

The ALTAX[®] NEO combines the Cyclo[®] principle with a highly integrated gearhead and motor, resulting in a remarkably compact design with efficient, low-noise performance, engineered for high shock resistance and outstanding durability.

**LOW NOISE****LONG LIFE****COMPACT****UNIVERSAL FIT****NO MAINTENANCE**

Output Shaft	Solid Shaft
Output Shaft Direction	Universal
Mounting Method	Foot Mount, Flange Mount
Number of Sizes	7 Sizes
Reduction Ratio	6:1 - 119:1 (single stage)
Output Torque	Up to 700Nm
Motor Capacity	0,12kW - 3,7kW
Motor Type	Premium Efficiency IE3 CE Mark Motors

Unmatched Reliability

Both side supported Cyclo mechanism with high tooth count and high tooth contact.

Compact

Unlike general gearmotors, the concentric shaft direction of both the motor & output shafts result in a compact flange.

Maintenance Free

Lifetime grease lubrication grants for leak tightness and universal mounting.

[get insights](#)

HYPONIC® NEO

GEARMOTOR

The HYPONIC® NEO delivers smooth, quiet power with hypoid gears for exceptional efficiency. Its compact, space-saving right-angle design and versatile configurations make it ideal for a wide range of industrial and commercial applications.



LOW NOISE



UNIVERSAL FIT



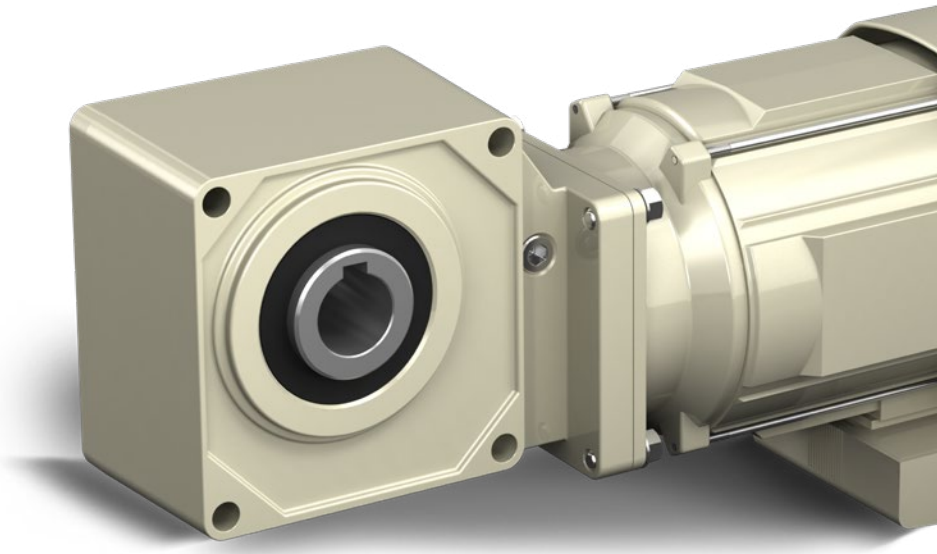
NO MAINTENANCE



COMPACT



HIGH EFFICIENCY



Output Shaft	Hollow Shaft
Output Shaft Direction	Universal
Mounting Method	Shaft Mount
Number of Sizes	21 Sizes
Reduction Ratio	5:1 - 1 440:1
Output Torque	Up to 1480Nm
Motor Capacity	0,12kW - 11kW
Motor Type	Premium Efficiency IE3 CE Mark Motors

High Efficiency

Hypoid gears have less friction compared to worm gears, resulting in greater efficiency.

Low Noise

High engagement rate of gears results in smooth running and low noise levels.

Compact & Lightweight

An integrated motor shaft and hypoid pinion are housed in an aluminum alloy casing.



get insights



PLANETRA™ NEO GEAR

The cost effective planetary gearbox with the best torque-low heat performance. The optimized output bearing is designed for higher radial and axial forces. The compact outer contour of the PLANETRA™ NEO also allows it to be used in limited spaces.



HIGH RADIAL LOADS



COMPACT



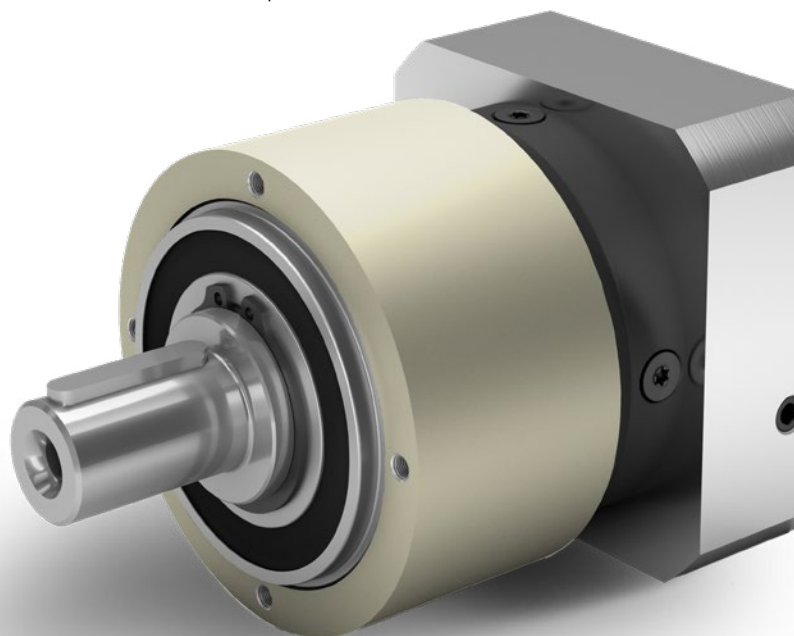
NO MAINTENANCE



LONG LIFE



UNIVERSAL FIT



Output Shaft	Solid Shaft
---------------------	-------------

Output Shaft Direction	Universal
-------------------------------	-----------

Mounting Method	Flange Mount
------------------------	--------------

Number of Sizes	5 Sizes
------------------------	---------

Reduction Ratio	3:1 - 100:1
------------------------	-------------

Output Torque	Up to 460Nm
----------------------	-------------

High Load Capacity

Reinforced deep groove bearings for higher radial and axial loads.

Compact Design

Spur gear for optimized torque and gearbox size ratio.

Low Heat Generation

Thanks to low-friction bearing concept and optimized lubrication.



get insights





Find your closest Sumitomo Drive Technologies facility here.

Sumitomo (SHI) Cyclo Drive Germany GmbH | Cyclostrasse 92 | 85229 Markt Indersdorf | Germany
Tel. +49 8136 66-0 | Fax. +49 8136 57 71 | E-mail: marktind@sce-cyclo.com | www.sumitomodrive.com

Hansen Industrial Transmissions NV | Leonardo da Vincilaan 1-3 | 2650 Edegem | Belgium
Tel. +32 3450 1211 | E-mail: HIT.info@shi-g.com | www.sumitomodrive.com