

Stainless steel gearmotors

Hygienic drive solutions for areas subject to frequent cleaning.



Reliability in stainless steel

Always a clean solution

Industries that demand the highest hygiene standards require equipment that meets strict regulatory requirements and can endure harsh cleaning processes involving corrosive chemicals.

SEW-EURODRIVE recognizes these challenges and is fully committed to delivering clean, durable, and efficient solutions. With a comprehensive stainless steel portfolio, including inline and right-angle gear units and IP69K gearmotors, SEW-EURODRIVE offers robust and corrosion-resistant products.

Versatile corrosion-resistant options

Stainless steel gearmotors from SEW-EURODRIVE are available in right-angle and inline designs in helical-bevel, helical, and SPIROPLAN® economical worm gearing configurations.

IEC and NEMA motor adapters are also available in stainless steel making the entire integral design effective against nearly any form of corrosion.

Technical Data

Type	Max. output torque (lb-in)	Ratio range
KES..37	1,770	3.98 – 106.38
KES..47	3,540	4.64 – 131.87
KES..57	5,280	4.69 – 145.14
KES..67	7,250	5.20 – 114.79
RESF..27	1,150	3.37 – 135.09
RESF..37	1,770	3.41 – 134.82
WES..19 NEW	710	5.09 – 167.59
WES..29 NEW	1,150	4.68 – 188.47

Larger motor sizes available on request



Benefits at a glance

- Suited to a variety of harsh environments
- Impact and chip resistant surface, reducing risk of product contamination
- Improved hygiene, reducing amount of debris entrapment areas
- Extended longevity with premium gearing and stainless steel surface
- Supplied with stainless steel shafts & hardware and optional food grade lubricants are available
- Reduced cleaning time with an easy wash-down, smooth surface

Designs and options

Type Designations

For a detailed overview of the type designations as well as additional information, refer to SEW-EURODRIVE catalogs for gear units and gearmotors. For example, a stainless steel helical-bevel integral gearmotor has the following type designation:

Example: KESA37 TENV80-4B

Designation	Description
K	Helical-bevel gear unit type
ES	Stainless steel design
A	Hollow shaft with keyway
37	Gear unit size
TENV	Totally Enclosed Non Ventilated
80	Motor frame size
4B	Number of poles

➤ Right-angle helical-bevel gear units (K Series)

KESA..	Hollow shaft with keyway
KESAF..	B5 flange-mounted design, hollow shaft with keyway
KESH..	Hollow shaft with shrink disk
KESHF..	B5 flange-mounted design, hollow shaft with shrink disk
KEST..	Hollow shaft with TorqLOC® mounting system

➤ Inline helical gear units (R Series)

RESF..	B5 flange-mounted design, output shaft with key
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➤ **NEW** Right-angle SPIROPLAN gear units (W Series)

WESA..	Hollow shaft with keyway
WESAF..	B5 flange-mounted design and hollow shaft with keyway
WESH..	Hollow shaft with shrink disk (WES..29 units only)
WESHF..	B5 flange-mounted design, hollow shaft with shrink disk
WEST..	Hollow shaft with TorqLOC® mounting system

Options

Reduced backlash (on KES and RESF Series)
Torque arm (on KES and WES Series)

Our high-quality stainless gearmotors provide the perfect solution for any application, such as:

- ➔ Food industry
- ➔ Dairies and milk-processing facilities
- ➔ Pharmaceutical industry
- ➔ Cosmetics
- ➔ Meat processing plants
- ➔ Beverage production and bottling
- ➔ Lab applications
- ➔ Water supply
- ➔ Applications in extremely wet and corrosive environments





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