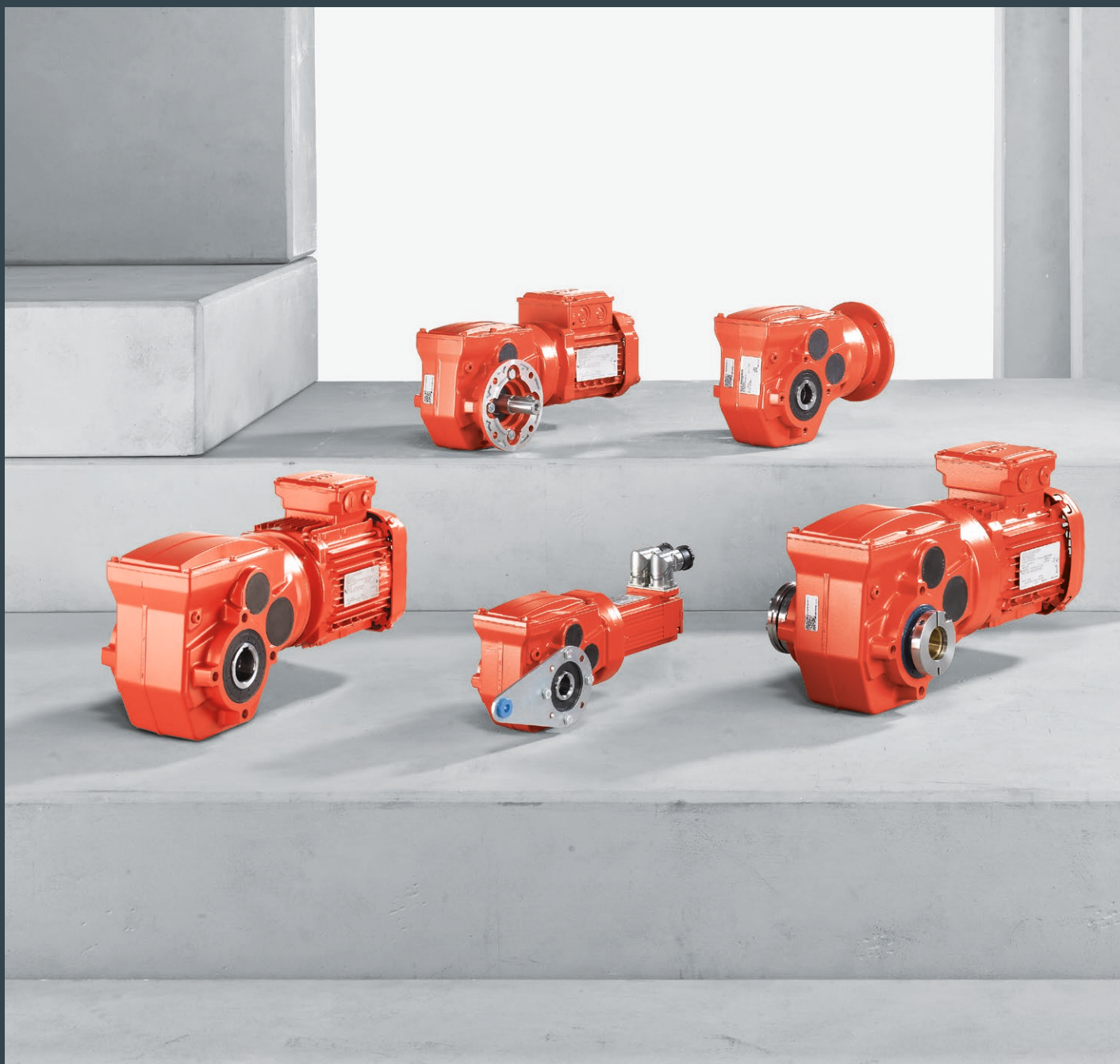


# SPIROPLAN® W..9 Gear Units

Compact and efficient right-angle gearmotor



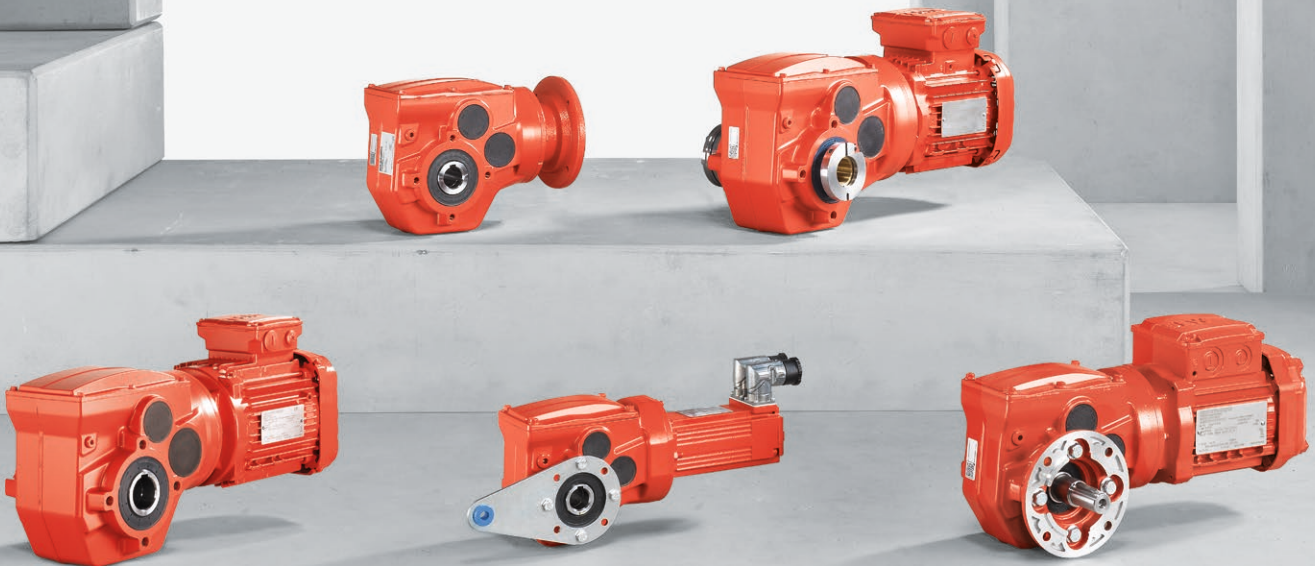
## Small drives with special details

Does your material handling application need a very fast, high-performance drive that is also compact and lightweight?

If so, then we recommend the right-angle gear units of our new W..9 series – our lightweight solutions.

Thanks to their aluminum housing, these right-angle gear units are genuine lightweights. Their special gearing and lubrication for life also ensure they require very little maintenance.

These gear units are designed for long-term, reliable operation. The SPIROPLAN® right-angle gear units make no compromises and are available in numerous design variants to suit almost any drive task.



SPIROPLAN® gearing was first developed by SEW-EURODRIVE more than 25 years ago and has been used in W.. series gear units ever since, which has seen it incorporated into countless applications, with great success. Our development engineers have now raised the bar yet again with the W..9 gear units. The goals for this new series were to achieve excellent efficiency, low noise development and a lightweight solution.

A high number of design variants and a large gear ratio range also aim to ensure the gear units are highly versatile.

What makes SPIROPLAN® right-angle gear units stand out is their wear-free gearing. It ensures reliable power transmission and speed adjustment for your materials handling system.

#### Technical details about the new W..9 gear units:

- 2-/3-stage gear units
- The SPIROPLAN® gear wheels in the first stage provide excellent efficiency.
- The helical gears of the second/third stage support high torques and a wide and finely stepped gear ratio range.
- Use of the SEW flange interface for motor mounting ensures the gear units can be combined with SEW-EURODRIVE's comprehensive modular motor system.
- A large number of design variants can be selected, such as hollow shaft (WA), hollow shaft with flange (WAF), solid shaft with flange (WF), shrink disk and TorqLOC®.
- The gearing and friction points are lubricated with the high-performance synthetic polyglycol oil CLP PG.

#### Your advantages:

- Lightweight aluminum housing for lightweight machine designs and, in particular, lightweight mobile applications
- Energy-efficient gear unit with a high level of efficiency across the entire gear ratio range
- Finely stepped gear ratios
- Global service provided by SEW-EURODRIVE
- Quiet operation at any speed
- Universal SEW interface supports installation of all SEW motors and their options, and ensures service and maintenance can be carried out independently.
- Improved service concept thanks to exclusive use of standard oils

### W.. series / sizes W..19 to W..59

	W..19	W..29	W..39	W..49	W..59
<b>M<sub>amax</sub> lb-in</b>	710	1150	1770	3540	5310
<b>Gear ratio i</b>	5.90 – 167.59	4.68 – 188.47	4.72 – 210.49	7.22 – 200.76	6.76 – 213.21
<b>Motor power HP</b>	0.16 – 1.0	0.16 – 1.5	0.16 – 2.0	0.16 – 5.0	0.16 – 5.4

# Driving the world.

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**EURODRIVE**