

Compact – quiet – versatile

W..9 and W..9HG SPIROPLAN® gear units



Space-saving drives for a wide speed range

Does your conveying application need a drive that delivers high speed and performance, but is also lightweight? Or are you looking for a drive for an application that needs very low speeds – but one that won't take up much space?

If so, then we recommend the right-angle gear units of our new W..9 and W..9HG series – our lightweight solutions with a lot of power, even for large gear ratios and slow speeds.

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 a wide range of applications. They are now available in our new High Gear ratio (HG) design, which makes them suitable for even very large gear ratios.



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.

We have already set the standard for a wide variety of uses with our W..9 gear units – they are efficient, quiet, and lightweight. The new High Gear

ratio (HG) design offers even greater flexibility, especially when it comes to large gear ratios and very slow speed ranges.

What makes SPIROPLAN® right-angle gear units stand out is their wear-free gearing, which ensures reliable power transmission and speed adjustment in your conveying system.

Technical data for W..9/W..9HG gear units:

- 2-/3-stage gear units
- The SPIROPLAN® gear wheels in the first stage provide the right-angle output
- The helical gears of the second/third stage support high torques and a wide and finely stepped gear ratio range
- Use of the SEW-EURODRIVE 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

The benefits for you:

- Lightweight aluminum housing for lightweight machine designs and, in particular, lightweight mobile applications
- The gear units are particularly energy-efficient in the W..9 standard design, boasting a high level of efficiency
- Large gear ratio range and finely stepped gear ratios
- Global service provided by SEW-EURODRIVE
- Quiet operation at any speed
- Universal SEW-EURODRIVE interface supports installation of all SEW-EURODRIVE motors and their options, and ensures service and maintenance can be carried out independently

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

	W..19	W..29	W..39	W..49	W..59
M_{amax} Nm	80	130	200	400	600
Gear ratio i (W..9)	5.90 – 167.59	4.68 – 188.47	4.72 – 210.49	7.22 – 200.76	6.76 – 213.21
Gear ratio i (W..9HG)	–	203.19 – 2100.14	233.35 – 2355.20	224.25 – 2426.20	262.28 – 2123.38

SEW-EURODRIVE is right there for you

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