

**ADAPTER AMS.. AND AQS..**

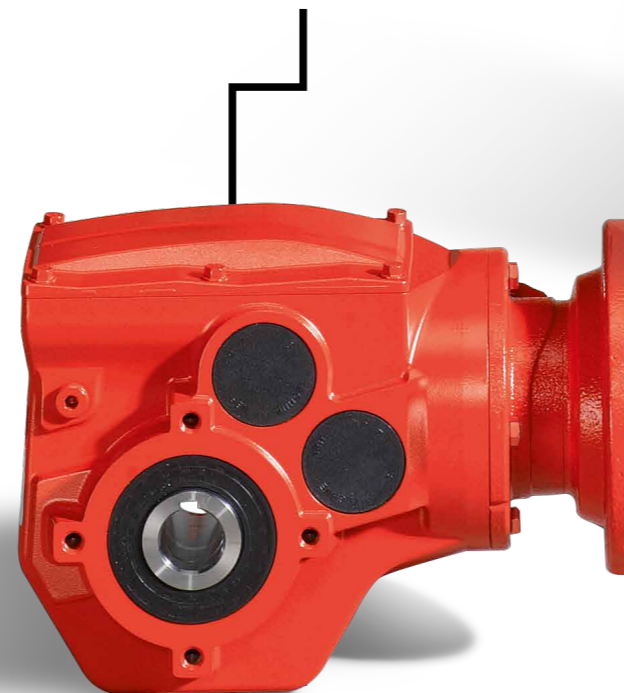
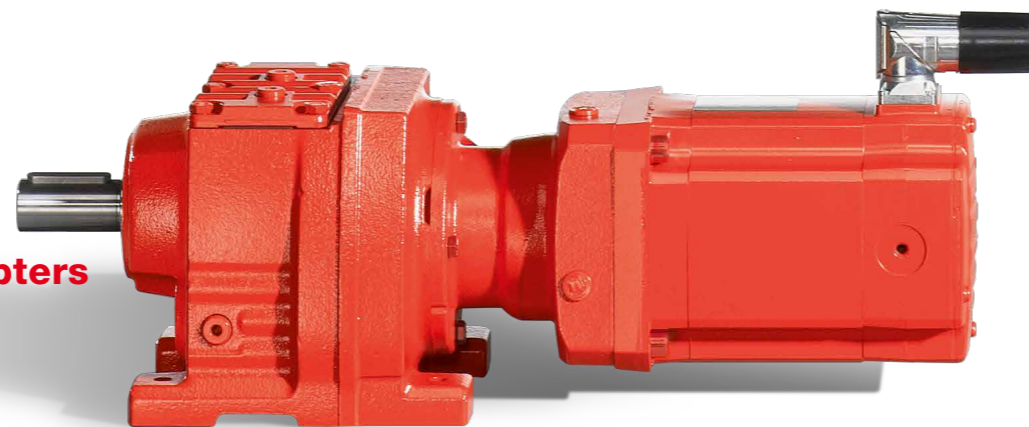
**SHORTER, MORE**  
**FLEXIBLE, LIGHTER**

The new adapters for your range of combinations

**up**  
**to date**

# THE NEW ADAPTERS FOR YOUR RANGE OF COMBINATIONS

Up to  
**53%**  
shorter installation length compared to the previous AQ.. adapters



+ Possible to remove motors even if the input and output are blocked

+ Thermal length compensation of the motor shaft thanks to the integrated claw coupling

+ Reduced weight



We are all familiar with adapters – we use USB, HDMI and plug adapters for electronic devices all the time. Mechanical devices have adapters, too. You're sure to have seen them used for bits on cordless screwdrivers or as sockets in your ratchet set. Adapters are a real blessing when it comes to using a device with a standardized interface in a variety of ways – even if you end up with almost a drawerful of them at home.

Drive technology has adapters, too. These usually come into play when a gear unit and a motor from different manufacturers are to be combined into a single drive solution. Obviously, it's easiest when both components come from us, because then our LIA interface can be used, eliminating the need for an additional adapter.

However, there are also applications where the motor does not come from us – generally when IEC or NEMA motors are to be installed or system operators want to ensure rapid replacement of a faulty motor without opening the gear unit. This is where the new adapters from SEW-EURODRIVE offer a wide variety of combination options.

To make things easy for you here, too, we have revised and reworked our adapter series. One advantage should be mentioned from the start – they are much shorter! Particularly when it comes to machine automation, the extra length added by the adapter is a key consideration. The adapters are compatible with all sizes of SEW-EURODRIVE's R., F., K., S. and W..9 gear unit series.

The AMS.. series (for mounting IEC and NEMA motors) and AQS..series (for mounting synchronous servomotors) make motor installation easier. In addition, AQS.. adapters can be used to mount a wider range of market-standard synchronous motors thanks to new adapter variants. In mounting position M4, AMS.. adapters have the option of being fitted with a condensation drain hole. Selecting reinforced bearings further extends the bearing service life.

Up to  
**37%**  
shorter installation length compared to the previous AM.. adapters

+ AMS.. with optional drain hole /DH for drives in mounting position M4

# WHAT ADVANTAGES DO THE NEW ADAPTERS OFFER YOU?

## AQS.. ADAPTERS

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Up to 53% shorter installation length compared to the previous AQS.. adapters

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Reduced weight

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A coupling with spreading function for faster installation (AQSH..)

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Possible to remove motors even if the input and output are blocked

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A new basic flange (LIA105) for combination with even small helical gear units (R..07 and R..17) and the new W..19 SPIROPLAN® gear unit

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New adapter variants for connecting market-standard servomotors

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Thermal length compensation of the motor shaft thanks to the integrated claw coupling

## AMS.. ADAPTERS

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Up to 37% shorter installation length compared to the previous AM.. adapters

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Simplified motor installation for the AMS.. adapters (NEMA) and sizes AMS250.. (IEC) and AMS280.. (IEC)

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Mounting of sizes 63 to 280 for IEC motors, and 56 to 364/365 for NEMA motors

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A new basic flange (LIA105) for combination with even small helical gear units (R..07 and R..17) and the new W..19 SPIROPLAN® gear unit

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Optional condensation drain hole /DH and reinforced bearings

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Optional reinforced bearings for even longer bearing life

## ➤ **FIND OUT MORE ABOUT THE ADAPTERS HERE!**

[www.sew-eurodrive.de/en/adapter/](http://www.sew-eurodrive.de/en/adapter/)

## ➤ **THINGS TO KNOW**

The new adapter couplings allow higher permissible torques in both series, which means greater safety reserves – even in the event of overloading. The high permissible input speeds can also boost machine productivity.

**up  
to date**

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EURODRIVE**

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