

## Re-design of ASM 113(S)/123(S)

## Introduction of ASM124(S)



After the successful introduction of the ASM134(S), the tried-and-trusted ASM 123S damper drive has now also been equipped with the new SUT electronics system.

The new electronics system represents a revolutionary step in the market for damper drives in particular and for Sauter drives in general.

In order to make it easier for you to differentiate between the various versions, the name of the new 15 Nm damper drive is based on ASM 124S. Generally, the figures 4 and F.3. (ASM124SF132 or ASM124F130) denote that the drive is equipped with SUT.

The new ASM124S damper drives are based on the reliable ASM113/123, but have been further developed in some important areas:-

- Same appearance as the ASM 113/123.  
Since the existing housing has been retained, the dimensions are the same. The customer can employ the new drives without problem.
- Optimised and reinforced gears for long serviceable life.  
Although the original gears caused no problems, they have been further improved. The gears are used for both 15 Nm and 30 Nm.
- Low noise levels.  
Due to the use of stepping-motor technology combined with gears made of plastic and steel, very low noise levels have been achieved.
- Improved self-centring spindle adaptor.  
The fixing mechanism has been improved by reinforcing the self-centring spindle adaptor.
- Two running times (60 s or 120 s), settable on the ASM 124.  
The running time can be set on the drive; the facility is accessed by removing a small cover in the lid. This enables you and the customer to stock fewer models.
- Choice of automatic adaptation is possible; switched on/off.  
The automatic adaptation of the ASM124S at the angle of rotation is triggered when the drive is switched on or is manually adjusted. The drive does not re-adjust itself unless there is a power failure lasting at least 60 seconds.  
The self-adaptation facility can be switched off by means of a second micro-switch. Depending on the signal, the drive runs to 0% or 100%; the drive can position itself as soon as either of the limits has been reached.

- ASM 124S F132 24V with SUT Sauter Universal Technology.  
Depending on how the five wires are connected, the drive can recognise whether a continuous signal, 3-point or 2-point control is required.  
We have big plans for the SUT; you will be furnished with full information on the SUT by the time other damper drives have been launched in the middle of this year.

The ASM124(S) damper drives will be available as shown below:-

- Initially, the ASM124SF132 version will be available; planned start is mid-April 2002. This will supersede the ASM123SF122.
- In a subsequent phase, the 3-point versions (ASM123F120 and ASM123F122) will be replaced. The names for the new models are ASM124F130 (230V) and ASM124F132 (24V). These will be available in July 2002.
- The 10Nm ASM113(S) damper drives will be replaced by a completely new range in July/August 2002.

The technical data sheets are currently being prepared and can be ordered as from mid-July under the numbers 51.022 and 51.023.

A brochure on the new range of damper drives is currently being prepared and should be available by mid-2002.

Peter Fabien  
Product Manager