

EMERGENCY SWITCH FUNCTION

Mechanical switch (Order No. 618.6740.644)

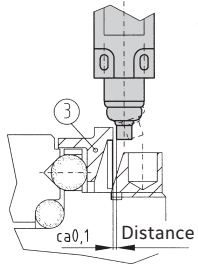


Figure 13

TECHNICAL DATA	SK, ES2, SL
Max. Voltage	250 V AC
Max. Permanent current	10 A
Protection type	IP 65
Type of contact	Opener
Ambient temperature	-30° to +80° C
Confirmation	(metal)
SWITCH SYMBOL	

Proximity switch (Order No. 650.2703.001)

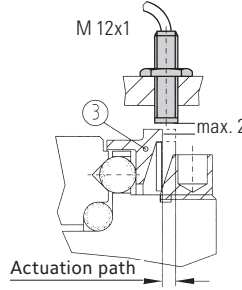


Figure 14

TECHNICAL DATA	SK, ES2
Voltage range:	10 to 30 V DC
Initial current max.	200 mA
Switch frequency:	800 Hz
Temperature range	-25°C to +70°C
Protection type	IP 67
Switching type	PNP opener
Switch distance:	max. 2 mm
SWITCH SYMBOL	

The axial movement of the actuation ring (3) can be sensed by either a mechanical switch or a proximity sensor. The distance the actuation ring moves is given in Table 2 and is important for the selection of the appropriate sensing device. Mount the sensing device on a solid support keeping the distance shown in figure 13+14. Without prior agreement it is not allowed to operate R+W torque limiters of the series SK and ES without end

switch. In case of an electronic circuit collapse, the coupling had to be checked visually right after the first disengagement for the preassigned disengagement torque. Here for the marks on the adjustment nut are the reference value.



Note! Test the switch prior to the delivery of a machine using this device.

DISENGAGEMENT TORQUE SETTING

Figure 15

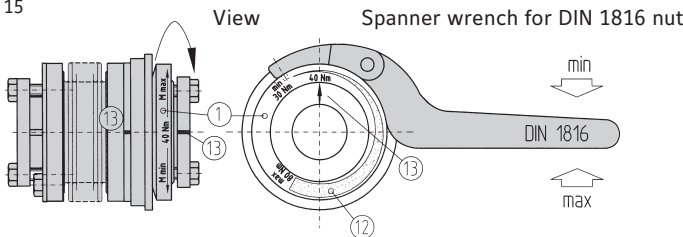
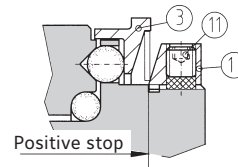


Figure 16



- 1 adjusting nut
- 11 fastening screw
- 3 steel actuation ring
- 12 adjustment range
- 13 marking

With SK 2/5 couplings the groove of the clamping hub serves as a marking (3)

R+W torque limiters are factory set to the customer specified disengagement torque, which is marked onto the coupling. The adjustment range (min/max) is also marked on the adjustment ring. The customer can adjust the disengagement torque as long as it falls into the range indicated on the adjustment ring.



The adjustment range may not be left during setting.

To adjust the disengagement torque, loosen the locking screws (11) and rotate the adjustment ring using a spanner wrench to the desired new setting. Tighten the locking screws and test the coupling.



CAUTION: R+W torque limiters incorporate disc springs that exhibit a special spring characteristic. It is important to stay in the max-min range of the coupling.

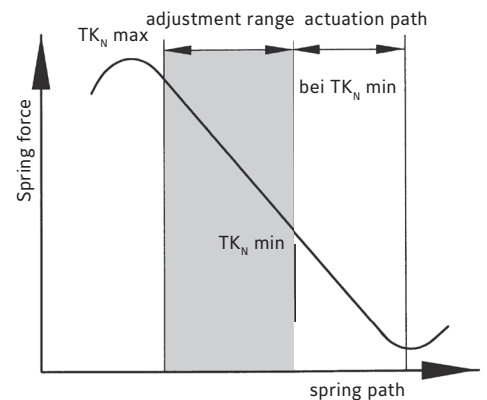


Diagram 1

MAINTENANCE

R+W torque limiters are maintenance free as long as they are properly mounted and the maximum misalignment and radial load values are not exceeded. The internal components are permanently greased for lifetime lubrication.



CAUTION: Disassembly of the coupling will void the warranty.