

493K

K-Kontrol Maintenance
Schedule

Overview

This document contains maintenance information for the KK500, KK400 & KK300 Series Sliprings.

To ensure your system performs properly it is important that the actions listed in this document are completed.

Post Installation

After initial installation of a Slipring it takes a few cycles through the oven for the system to bed in. After 2 cycles of at least 15 minutes each in an oven temp of: 250°C you should complete the following checks:

- Check the spacing of the Slipring using the spacing inspection holes and the spacing tool provided with your system. Correct the spacing were necessary.
- The 493K Specification for spacing is a gap of **3mm** with a tolerance of **±1mm**.
- When the spacing is correct tighten **all** nuts and bolts on the Sliprings.
- Check the thru arm cable along the length of the arm and where the cable enters and exits under the bearing for any signs of damage or rubbing.

PLEASE NOTE: These actions should be completed before any moulds are fitted to the machine. Failure to do this could result in serious damage to the Slipring.

Weekly Checks

These checks below should be carried out weekly. **For the safety of the operator all moulds should be stripped from the arm.**

- Check the spacing of the Slipring using the spacing inspection holes and the spacing tool provided with your system. Correct the spacing where necessary.
- The 493K Specification for spacing is a gap of **3mm** with a tolerance of **±1mm**.
- When the spacing is correct tighten **all** nuts and bolts on the Sliprings.
- Check the thru arm cable along the length of the arm and where the cable enters and exits under the bearing for any signs of damage or rubbing.
- Remove the inspection cover from the Slipring and whilst someone rotates the head look inside for damage or debris. If necessary remove and debris with a vacuum cleaner, take care to avoid injury.

Monthly Checks

In addition to weekly maintenance checks you should complete the follow actions on a monthly basis.

- Remove Brush Box Lids and Brush Plate. Inspect brushes for wear and damage.
- If there is any damage or too much wear replace brushes.
- Re-Install the brush plate, use a 3mm blob of High Temperature Silicone on each bolt to ensure the bolts stay secure.

Additional Information

We recommend that when you are not measuring the mould wall that you install small 'oven measurement' probes to maintain a sensible reading returning to the PLC. You should be able to source these from your TC supplier or 493K can provide them.