



Reconditioning's procedure

Slewing-ring :

What types of slewing rings are repairable?

All slewing-rings from 300mm outer diameter, single or double rows of balls, single, double or triple rows of rollers.

Advantages:

- Better availability. Indeed, according to the desired model, a much shorter delay compared to a new slewing-ring.
- A sensible economy: 30% to 50% savings compared to the price of the new slewing-ring in general.
- Increased reliability of the machine: the expertise prior to the renovation can identify any problems (lubrication, design, assembly, sealing ...) and propose appropriate solutions.

Renovation process:

- Elaboration of the estimate: Thanks to its 20 years of experience in renovation DSC can establish an estimate without prior expertise of the slewing-ring in our workshops. The simple identification of the slewing-ring and possibly some photos exchanged by email allow our factory technicians to establish a quote in the same day.
- Factory expertise: deep cleaning, slewing-ring condition analysis, dimensional and tolerance control, technical validation of the possibility of renovation. Possibility of writing an analysis report on the state of the slewing-ring (only on request). Validation of the estimate previously established.
- After validation: intervention on the slewing-ring
 - Dismantle
 - Control of axial and radial play (up to 10mm)
 - Possible rectification of the raceways
 - Replacement of rolling elements (if necessary)
 - Repair of broken teeth (up to 4 broken teeth and consecutive maximum)
 - Replacement of seals
 - Treatment against surface corrosion
 - Controls and tests on rotation
- Follow-up: slewing-ring protection and packaging, inspection report on request only

