

Precision mechanical services

SKF Reliability Systems offers precision mechanical services to maximum machine reliability in service.



Workshop services

- Bearing refurbishment including cleaning, inspection, polishing, raceway regrinding, reassembly and packing.
- Bearing failure analysis including metallurgical inspection and corrective recommendations.
- Design and assembly of customised bearing housings.
- Refurbishment of fan cartridge units and general bearing housing units.
- Re-greasing sealed bearings with non-standard greases.
- Approved modifications to new bearings, including clearance changes, external machining, adding lubrication hole and inspection of running accuracy.
- Remanufacturing machine tool spindle units, including running tests.
- Matching bearings for specific applications.

Field services

SKF Reliability Systems field service engineers are highly skilled and experienced in handling critical bearing applications. Our support services include:

- Bearing installation for critical applications.
- Bearing failure, grease and oil analysis and assessment of fitness for further service.
- Laser alignment services:
 - Shaft, gearboxes and couplings
 - Horizontal or vertical
 - High accuracy over 10 metre range
 - Geometric and flatness surveys
 - SKF Vibracon alignment washers
- Specialist hydraulic services
 - Bearing mounting and dismounting
 - Shaft couplings
 - Ship propeller couplings (OKF and OKC types)
 - Hydraulic bolt tensioning
 - Mounting SKF Supergrip bolts
- Full maintenance service contracts

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