



SLEWING RING CHARACTERISTICS, APPLICATIONS

Slewing rings are large-sized bearings which are able to accommodate combined load, i.e. axial, radial loads and tilting moment. They are usually provided with holes for fixing bolts, internal or external gear, lubrication holes and seals, which allow a compact and economical arrangement. They often enable elimination of many components necessary in the classical bearing arrangement.

PSL slewing rings have proven ability in the following applications

- construction, mobile and pillar cranes,
- shovel, digging-wheel excavators,
- revolving grabs and winches,
- graders,
- logging industry machines,
- loaders, vehicles for waste removal, hydraulic grippers,
- axles and undercarriages,
- assembly and access platforms,
- robots, manipulators and positioners,
- machine tools,
- special equipment (rescue vehicles, aeriels, feller bunchers and tunnel machines, drilling equipment, wind-power plants, cleaning and bottle filling machines).

Compactness, accuracy and smooth operation with relatively high rigidity, together with simple mounting and reliability in operation are qualities that allow the use of these bearings in all industrial branches.

