

Slewing Rings and Slew Drive Gearboxes



SLEWING RINGS

Technical informaton

Slewing ring bearings are large-sized bearings with compositive large loads carrying capability, which can accommodate axial load, radial load and tilting torque simultaneously.

These bearings normally have mounting holes, internal gears or external gears, lubricating holes and sealing installations.

They are featured by compact configuration, light weight, good rigidity, smoothly running, high precision and reliable safety.

Applications of the bearings are found in the industries such as engineering/project, metallurgy, mining, oil, chemistry, light industry, aviation, harbour/quay, vessels, military industry, instruments and meters etc.

Our slewing bearing according to different requirement has different configuration:

- Single-row four point contact ball slewing ring bearing
- Double-row angular contact thrust ball slewing ring bearing
- Cross cylindrical roller bearing
- Cross tapered roller bearing
- Three-row cylindrical combination slewing ring bearing
- Dimensions up to 5,000 mm. diameter

These bearings also can be divided according to have gear and distribution of the gear: no gear, external gear and internal gear.



SLEW DRIVE GEARBOXES

This wide range includes gearboxes for slew drive of excavators, all kinds of mobile cranes, tower cranes of construction sites, harbour and deck cranes, aerial work-platforms and solar-trackers (large photovoltaic panels and windpower equipment). A large selection of reduction ratios are available for all sizes, along with built-in negative brakes and adaptors for all the most common hydraulic and electric motors.

The high capacity bearings on the output shaft are designed to take the heavy radial loads due to the slew ring/pinion gearing.

The slew pinions are available with many different modules and number of teeth to suit the various kinds of slew rings.

The range covers 15 different sizes for torque from 1.000 up to 130.000 Nm.



OTHER TYPICAL APPLICATIONS



HYDRAULIC COMPONENTS
HYDROSTATIC TRANSMISSIONS
GEARBOXES - ACCESSORIES

Via M.L. King, 6 - 41122 MODENA (ITALY)

Tel: +39 059 415 711

Fax: +39 059 415 729 / 059 415 730

INTERNET: <http://www.hansatmp.it>

E-MAIL: hansatmp@hansatmp.it