
FRB Bearings



Contact Information:

ADD: Ding Ding Road, Xi Gong Industry, Luoyang, Henan, China

TEL : 86-379-6363525

FAX : 86-379-6363525

Email: sales@frbearings.com

Web : www.frbearings.com

www.frb-bearings.com

www.frbearings-store.com

FRB BEARINGS, YOU BEST CHOICE, YOU BEST SUPPLIER

MAINTENANCE

GREASING FREQUENCY

RACEWAY AND GEAR

The greasing frequency varies according to utilization and environment. We recommend regreasing every 150 hours in normal usage. This frequency is to be reduced to 50 hours when the conditions of application are severe or if the environment is dusty or wet. Greasing is required, before and after a long idle period. Regrease every 6 months, while rotating, during prolonged idle periods.

GREASE QUANTITY

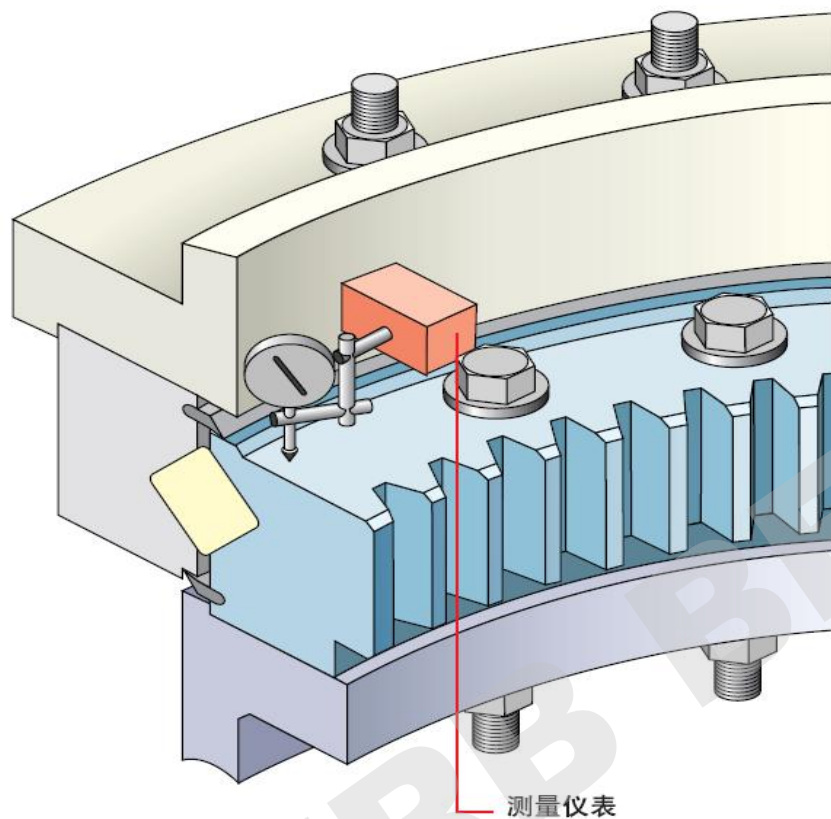
RACEWAY:

The grease quantity is defined by FRB Engineering Department whenever a detailed bearing calculation is provided. In all cases, a light extrusion of new grease must appear at the protection seal lips. Please contact FRB Engineering Department for a detailed grease quantity.

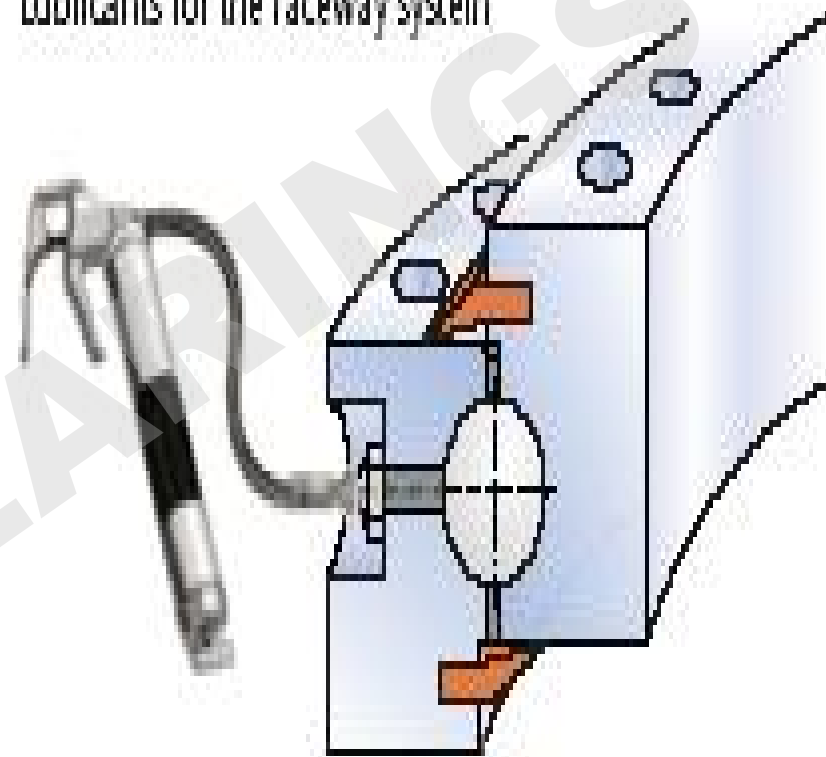
GEAR:

The grease must entirely cover the flank of the pinion and of the ring gear whether applying by brush or spraying. See below tables:

FRB BEARINGS, YOU BEST CHOICE, YOU BEST SUPPLIER



Lubricants for the raceway system



FRB BEARINGS, YOU BEST CHOICE, YOU BEST SUPPLIER

MAINTENANCE

PREVENTIVE MAINTENANCE

PROTECTION SURVEY

A visual examination makes it possible to ensure the integrity of the protective seals:

- A. absence of excessive stretch or tears;
- B. correct positioning;
- C. wear of the friction lip.

If necessary, replace the seal.

After regreasing, wipe clean residue of old grease and check for pollutants such as sand, coal, metallic particles, etc.

FASTERER SURVEY

It is particularly important to check that the required preload level of the bolts is still maintained as the fasters of the slewing rings are essentially working in fatigue.

FRB recommends to retighten the fasters after the first two to four months of utilization and then proceed to a systematic yearly check.

If any bolt is found loose, a further in deep examination is essential. The necessary preservative measures must be exercised.

ORIENTATION SURVEY

During cleaning prior to regreasing of the gear:

1. Check carefully for any foreign body at the tooth root, gear ring and pinion.
2. Check the even load distribution of the pinion on the entire width of the gear ring and correct the alignment of the axes if needed.
3. Check the backlash value.