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Thrust Roller Bearings

1. Photo:



2. Category:

- Cylindrical roller thrust bearings
- Taper roller thrust bearings
- Spherical roller thrust bearings
- Needle roller thrust bearings

We can also design thrust roller bearings with other structures such as double-row cylindrical roller thrust bearings thrust roller bearings with outer covers or flat washers cylindrical roller thrust bearings without rings etc.

3. Cages:

Cages of thrust roller bearings are pressed steel cages, machined solid cages, glass fabric reinforced polyamide 66 cages and etc. Machined solid cages are mainly made of brass bronze various light alloys and phenolic resin.

4. Specification:

Cylindrical roller thrust bearings:

Inner diameter: 50~670mm
Outer diameter: 85~900mm

• Width: 22~230mm

Tapered roller thrust bearings

• Inner diameter: $50\sim670$ mm • Outer diameter: $85\sim900$ mm

Width: 22~230mm

5. Applications:

Unidirectional: bearings whose shaft washer is in the same direction with housing washer apply to radial location. They are widely used in crane hook, swivel of oil rig and so on. When the axial load is high, please use roller bearings fully packed. Some axial eccentricity is allowed in the bearings that rollway nest of the housing washer is flat. Bidirectional: roll neck of the rolling mill.