

MRJ 5 E , RHP/NSK – 2 – CYLINDRICAL ROLLER BEARING , INNER ASSEMBLY OUTER CUP –DIMENSIONS, INCH SIZE ID 5 INC X 10 INCH

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NJ 2315 C3 – 2
31305 TIM – 10

Cylindrical rollers and raceways are line contact bearings. Load capacity, mainly bear radial load. The rolling element has little friction with the ferrule rib and is suitable for high speed rotation. According to the ferrule with or without ribs, it can be divided into single row cylindrical roller bearings such as NU, NJ, NUP, N, NF, and double row cylindrical roller bearings such as NNU and NN. The bearing is a structure in which the inner ring and the outer ring are separable. Cylindrical roller bearings with no ribs on the inner or outer ring, the inner and outer rings can move relative to the axial direction, so they can be used as free end bearings. A cylindrical roller bearing with a single rib on one side of the inner and outer rings and a single rib on the other side can withstand a certain degree of axial load in one direction. Steel stamping cages or copper alloy solid cages are commonly used. However, some use polyamide shaped cages.

Feature editing

1. The roller and the raceway are in contact with the wire or repaired, and have a large radial load capacity, which is suitable for bearing heavy loads and impact loads.
2. The friction coefficient is small, suitable for high speed, and the limit speed is close to the deep groove ball bearing.
3. N-type and NU-type can move axially, can adapt to the change of the relative position of the shaft and the shell caused by thermal expansion or installation error, and can be used as free end support.
4. The machining requirements of the shaft or the seat hole are high. After the bearing is installed, the relative deflection of the outer ring axis should be strictly controlled to avoid contact stress concentration.
5. The inner or outer ring can be separated for easy installation and removal