

## IKO CRB5013 Crossed Roller Bearing



- Structure: Crossed Roller Bearing
- Gear teeth: without
- Seals type: Open or UU
- Material: GCr15
- Product description: IKO CRB5013 is a kind of Crossed Roller Bearing, it's Full complement, 50mm Bore, 13mm Width, Open Type, Normal Clearance ISO P5



### **BRS High Precision Cross Roller Bearing IKO CRB series**

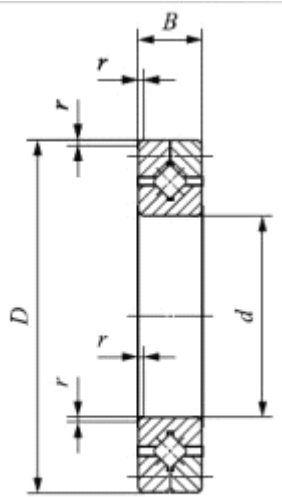
CRB Series bearing belongs to high precision cross roller bearings. Its cylindrical rollers are placed in a 90°V groove, with each roller arranged in cross-shape with the adjacent one, and separated from each other by a spacer retainer. BRS High Precision Cross Roller Bearing IKO CRB series' outer rings are designed to be separable, and fixed by screw.

### **BRS High Precision Cross Roller Bearing IKO CRB series Features**

1. Sustain radial, axial and moment loads
2. Make the best use of space
3. Stable Rotation and high rigidity & running accuracy supplied with normal clearance, little clearance or Even under a pre-load.

### **Applications**

IKO CRB series cross roller bearings are specially suitable for the applications where space is limited, while high rigidity and high rotation accuracy are required. Such as joints and swiveling units of industrial robots, swiveling tables of machining centers, rotary units of manipulators, precision rotary tables, medical equipment, measuring instruments and IC manufacturing machines.



Full complement  
CRB

**Crossed Roller Bearing IKO Model CRB5013/CRB5013UU**

<b>d</b>	50 mm
<b>D</b>	80 mm
<b>B</b>	13 mm

<b>r<sub>min</sub></b>	0.6
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<b>Cr</b>	16.7 KNBasic dynamic load rating
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<b>Cor</b>	20.9 KNBasic static load rating
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<b>Mass</b>	0.29 kg
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