


## Needle roller bearing BRI82016-UU-IKO - BRI82016-UU-IKO

<https://www.123bearing.ca/bearing-housing/needle-roller-bearing/needle/bri82016-uu-iko>

**IKO**  
**MACHINED TYPE NEEDLE ROLLER BEARINGS**  
With Seal, With Inner Ring, Inch Series



| Shaft dia.<br>mm<br>(inch) | Identification number |               | Mass<br>(Ref.)<br>g | Boundary dimensions mm(inch) |                      |                     |               |  |
|----------------------------|-----------------------|---------------|---------------------|------------------------------|----------------------|---------------------|---------------|--|
|                            | With two seals        | With one seal |                     | d                            | D                    | C                   | B             |  |
| <b>12.700</b><br>(.50)     | <b>BRI 82016 UU</b>   |               | <b>99</b>           | <b>12.700</b> (.50)          | <b>31.750</b> (1.25) | <b>25.400</b> (1.0) | <b>25.650</b> |  |

| $F_w$               | Standard mounting dimensions (mm) |           |   | Basic dynamic load rating<br>C<br>N | Basic static load rating<br>$C_0$<br>N | Allowable rotational speed <sup>(*)</sup><br>rpm | Assembled inner ring<br><b>LRBZ 81216 B</b> |
|---------------------|-----------------------------------|-----------|---|-------------------------------------|--|--|---|
|                     | Min.                              | Max.      | $D_a$<br>Max.<br>as max. <sup>(*)</sup> |                                     |  |  |   |
| <b>19.050</b> (.75) | <b>17.5</b>                       | <b>18</b> | <b>26.5</b>                             | <b>20 700</b>                       | <b>24 400</b>                          | <b>10 000</b>                                    |   |

Notes: (\*) Minimum allowable value of diameter dimension r.  
(\*\*) Allowable rotational speed applies to grease lubrication.  
Remark: The outer ring has an oil groove and an oil hole.  
2. Bearings with seals on both sides are provided with prepacked grease. Bearings with a seal on one side are not provided with prepacked grease. Perform proper lubrication for use.

### PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | IKO           |
| N° Ean13         | 3663952382494 |
| Inside diameter  | 12.7 mm       |
| Outside diameter | 31.75 mm      |
| Thickness        | 25.4 mm       |
| Packaging        | 1             |

[contact@123bearing.ca](mailto:contact@123bearing.ca)

+1(646) 712 9672

CRT4 de Lesquin 60 Rue Du Haut De Sainghin 59273 Fretin FRANCE