


## Needle roller bearing GBR142212-IKO - GBR142212-IKO

<https://www.123bearing.eu/bearing-housing/needle-roller-bearing/needle/gbr142212-iko>

**IKO**  
**MACHINED TYPE NEEDLE ROLLER BEARINGS**  
Without Inner Ring, Inch Series



| Shaft dia.<br>mm<br>(inch)          | Identification<br>number                      | Mass<br>(ref.)<br>g                             | Boundary dimensions mm(inch) |                       |                       | Standard mounting<br>dimensions mm <sup>(1)</sup> |                     |
|-------------------------------------|---|---|------------------------------|-----------------------|-----------------------|---|---------------------|
|                                     |   |   | F <sub>o</sub>               | D                     | C                     | D <sub>s</sub><br>Max.                            | r <sub>as</sub> max |
| <b>22.225</b><br>( $\frac{9}{16}$ ) | <b>GBR 142212</b>                             | 71  | 22.225 <sup>(2)</sup>        | 34.925 <sup>(1)</sup> | 19.050 <sup>(2)</sup> | 30  | 0.6                 |
| Basic dynamic<br>load rating<br>C   | Basic static<br>load rating<br>C <sub>0</sub> | Allowable<br>rotational<br>speed <sup>(3)</sup> |                              |                       |                       |   |                     |
| N                                   | N   | rpm   |                              |                       |                       |   |                     |
| 28 600                              | 40 100  | 7 000   |                              |                       |                       |   |                     |

Notes: (1) Maximum permissible corner radius of the housing.  
(2) Allowable rotational speed applies to oil lubrication. For grease lubrication, a maximum of 60% of this value is allowable.  
Remarks: 1. The outer ring has an oil groove and an oil hole.  
2. No grease is pre-applied. Perform proper lubrication.

### PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | IKO           |
| N° Ean13         | 3663952377711 |
| Inside diameter  | 22.225 mm     |
| Outside diameter | 34.925 mm     |
| Thickness        | 19.05 mm      |
| Packaging        | 1             |

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