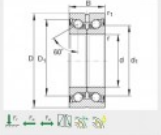
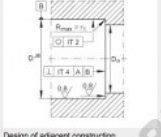
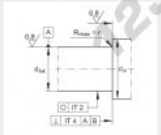


## Roulement à bille simple rangée ZKLN5090-2Z-INA - ZKLN5090-2Z-INA

<https://www.123roulement.com/roulement-palier/roulement-bille/simple-rangee/zkln5090-2z-ina>

**Axial angular contact ball bearings ZKLN5090-2Z**  
double direction, gap seals on both sides

|                      |                           |  |
|----------------------|---------------------------|--|
| d                    | 50 mm                     | Tolerance: -0.029  |
| D                    | 90 mm                     | Tolerance: -0.01   |
| B                    | 34 mm                     | Tolerance: -0.25   |
|                      | 60 °                      | Contact angle  |
| D <sub>1max</sub>    | 82 mm                     |  |
| d <sub>1</sub>       | 72 mm                     |  |
| d <sub>2max</sub>    | 63 mm                     |  |
| r <sub>1 max</sub>   | 0.6 mm                    |  |
| r <sub>2a</sub>      | 0.3 mm                    |  |
| m                    | 0.88 kg                   | Mass   |
| C <sub>a</sub>       | 46800 N                   | Basic dynamic load rating, axial   |
| C <sub>0a</sub>      | 126000 N                  | Basic static load rating, axial  |
| n <sub>lim oil</sub> | 2000 1/min                | Limiting speed for grease lubrication  |
| M <sub>fr</sub>      | 0.45 Nm                   | Bearing frictional torque  |
| G <sub>ax</sub>      | 1250 N/mm                 | Axial rigidity   |
| n <sub>tilt</sub>    | 1000 1/min/rad            | Tilting rigidity   |
| M <sub>02</sub>      | 5.24 kg x cm <sup>2</sup> | Mass moment of inertia for rotating inner ring   |
|                      | 2.5 µm                    | Axial runout   |
|                      |                           | The axial runout data for screw drive bearing arrangements are based on the rotating inner ring. |
|                      | ZM50                      | Designation of recommended INA locknut   |
|                      | AM50                      | Designation of recommended INA locknut   |
|                      |                           | Locknuts not included in delivery.   |
| M <sub>s</sub>       | 85 Nm                     | Tightening torque  |
|                      |                           | Only valid in conjunction with INA precision locknuts  |
|                      | 17009 N                   | Axial preload force  |

### CARACTÉRISTIQUES PRODUIT

|                 |                        |
|-----------------|------------------------|
| Marque          | INA                    |
| N° Ean13        | 3663952334943          |
| Diam. intérieur | 50 mm                  |
| Étanchéité      | Flasque des deux côtés |
| Diam. extérieur | 90 mm                  |
| Épaisseur       | 34 mm                  |
| Poids           | 918 g                  |
| Conditionnement | 1                      |

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