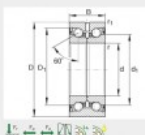

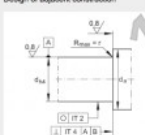


## Deep groove ball bearing single row ZKLN50110-2Z-INA - ZKLN50110-2Z-INA

<https://www.123bearing.com/bearing-housing/deep-groove-bearing/single-row/zkln50110-2z-ina>

**Axial angular contact ball bearings ZKLN50110-2Z**  
double direction, gap seals on both sides

<b>d</b>	50 mm	Tolerance: -0.005
<b>D</b>	110 mm	Tolerance: -0.01
<b>B</b>	54 mm	Tolerance: -0.25
<b>α</b>	60 °	Contact angle
<b>D<sub>1max</sub></b>	58 mm	
<b>d<sub>1</sub></b>	60 mm	
<b>d<sub>2max</sub></b>	63 mm	
<b>r<sub>1max</sub></b>	0,6 mm	
<b>r<sub>2max</sub></b>	0,6 mm	
<b>Hybrid series</b>		
<b>m</b>	2,6 kg	Mass
<b>C<sub>d</sub></b>	13000 N	Basic dynamic load rating, axial
<b>C<sub>0d</sub></b>	22500 N	Basic static load rating, axial
<b>n<sub>0d</sub></b>	2800 1/min	Limiting speed for grease lubrication
<b>M<sub>0d</sub></b>	1,5 Nm	Bearing frictional torque
<b>C<sub>0d</sub></b>	400 N/mm	Axial rigidity
<b>S<sub>0d</sub></b>	1500 N/mmrad	Tilting rigidity
<b>M<sub>0d</sub></b>	19,2 kg x cm <sup>2</sup>	Mass moment of inertia for rotating inner ring
<b>r<sub>0d</sub></b>	2,5 μm	Axial runout
The axial runout data for screw drive bearing arrangements are based on the rotating inner ring.		
<b>ZMAS075</b>		Designation of recommended INA locknut
<b>AM50</b>		Designation of recommended INA locknut
Locknuts not included in delivery.		
<b>M<sub>0d</sub></b>	150 Nm	Tightening torque
Only valid in conjunction with INA precision locknuts		
<b>F<sub>0d</sub></b>	29436 N	Axial preload force

### PRODUCT FEATURES

Brand	INA
N° Ean13	3663952334950
Inside diameter	50 mm
Inside diameter	1.969" inch
Sealing	Shield on both sides
Outside diameter	110 mm
Outside diameter	4.331" inch
Thickness	54 mm
Thickness	2.126" inch
Packaging	1

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