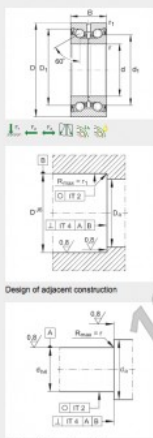


## Deep groove ball bearing single row ZKLN100160-2Z-INA - ZKLN100160-2Z-INA

<https://www.123bearing.eu/bearing-housing/deep-groove-bearing/single-row/zkln100160-2z-ina>

**Axial angular contact ball bearings ZKLN100160-2Z**  
double direction, gap seals on both sides



<b>d</b>	100 mm	Tolerance: -0.008
<b>D</b>	160 mm	Tolerance: -0.015
<b>B</b>	55 mm	Tolerance: -0.25
<b>d<sub>1</sub></b>	60 °	Contact angle
<b>D<sub>0max</sub></b>	150 mm	
<b>d<sub>1</sub></b>	132 mm	
<b>d<sub>2max</sub></b>	128 mm	
<b>r<sub>1max</sub></b>	0,6 mm	
<b>r<sub>2max</sub></b>	0,6 mm	
<b>m</b>	4,9 kg	Mass
<b>C<sub>d</sub></b>	140000 N	Basic dynamic load rating, axial
<b>C<sub>0d</sub></b>	435000 N	Basic static load rating, axial
<b>n<sub>0dmax</sub></b>	2150 1/min	Limiting speed for grease lubrication
<b>M<sub>0d</sub></b>	2,6 Nm	Bearing frictional torque
<b>S<sub>0d</sub></b>	1900 N/mm	Axial rigidity
<b>C<sub>0d</sub></b>	800 N/mmrad	Tilting rigidity
<b>M<sub>0d</sub></b>	65,3 kg x cm <sup>2</sup>	Mass moment of inertia for rotating inner ring
	3 μm	Axial runout
<b>ZWA100/140</b>		Designation of recommended INA locknut
<b>AM100</b>		Designation of recommended INA locknut
		Locknuts not included in delivery.
<b>M<sub>s</sub></b>	250 Nm	Tightening torque
		Only valid in conjunction with INA precision locknuts
	28760 N	Axial preload force

Design of adjacent construction

### PRODUCT FEATURES

Brand	INA
N° Ean13	3663952335001
Inside diameter	100 mm
Inside diameter	3.937" inch
Sealing	Shield on both sides
Outside diameter	160 mm
Outside diameter	6.299" inch
Thickness	55 mm
Thickness	2.165" inch
Packaging	1

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

+33 359 36 04 90

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