

## Deep groove ball bearing single row ZKLN1545-2Z-INA - ZKLN1545-2Z-INA

<https://www.123bearing.ie/bearing-housing/deep-groove-bearing/single-row/zkln1545-2z-ina>

**Axial angular contact ball bearings ZKLN1545-2Z**  
double direction, gap seats on both sides

<b>d</b>	15 mm	Tolerance: -0.005
<b>D</b>	45 mm	Tolerance: -0.010
<b>B</b>	25 mm	Tolerance: -0.25
<b>α</b>	60 °	Contact angle
<b>D<sub>ax</sub> max</b>	35 mm	
<b>d<sub>1</sub></b>	28 mm	
<b>d<sub>2</sub> min</b>	20 mm	
<b>r<sub>1</sub> max</b>	0.6 mm	
<b>r<sub>2</sub> max</b>	0.3 mm	
<b>m</b>	0.21 kg	Mass
<b>C<sub>a</sub></b>	17900 N	Basic dynamic load rating, axial
<b>C<sub>0a</sub></b>	9500 N	Basic static load rating, axial
<b>n<sub>Grease</sub></b>	7500 r/min	Limiting speed for grease lubrication
<b>M<sub>fr</sub></b>	0.1 Nm	Bearing frictional torque
<b>Δi<sub>a</sub></b>	±0.020 mm	Axial rigidity
<b>α<sub>0</sub></b>	60 Nms/rad	Tilting rigidity
<b>M<sub>r</sub></b>	0.102 kg x cm <sup>2</sup>	Mass moment of inertia for rotating inner ring
<b>r<sub>a</sub></b>	2 μm	Axial runout
The axial runout data for screw drive bearing arrangements are based on the rotating inner ring.		
<b>ZM15</b>	Designation of recommended INA locknut	
<b>AM15</b>	Designation of recommended INA locknut	
Locknuts not included in delivery.		
<b>M<sub>s</sub></b>	10 Nm	Tightening torque
Only valid in conjunction with INA precision locknuts		
<b>F<sub>ax</sub></b>	5484 N	Axial preload force

Design of adjacent construction

### PRODUCT FEATURES

Brand	INA
N° Ean13	3663952334851
Inside diameter	15 mm
Sealing	Shield on both sides
Outside diameter	45 mm
Thickness	25 mm
Packaging	1

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