

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

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

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

d	15 mm	Tolerance: -0.005
D	45 mm	Tolerance: -0.010
B	25 mm	Tolerance: -0.25
α	60 °	Contact angle
D_{1max}	35 mm	
d₁	28 mm	
d_{2min}	20 mm	
r_{1max}	0.6 mm	
r_{2max}	0.3 mm	
m	0.21 kg	Mass
C_a	17900 N	Basic dynamic load rating, axial
C_{0a}	3900 N	Basic static load rating, axial
n_{Grease}	7500 r/min	Limiting speed for grease lubrication
M₀	0.1 Nm	Bearing frictional torque
Δi_a	±0.020 N/mm	Axial rigidity
Δi_r	60 N/mmrad	Tilting rigidity
M_r	0.102 kg x cm ²	Mass moment of inertia for rotating inner ring
r_a	2 μm	Axial runout
The axial runout data for screw drive bearing arrangements are based on the rotating inner ring.		
ZM15	Designation of recommended INA locknut	
AM15	Designation of recommended INA locknut	
Locknuts not included in delivery.		
M_s	10 Nm	Tightening torque
Only valid in conjunction with INA precision locknuts		
F_{ax}	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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