

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

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

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

d	50 mm	Tolerance: -0.005
D	110 mm	Tolerance: -0.01
B	54 mm	Tolerance: -0.25
α	60 °	Contact angle
D_{1max}	58 mm	
d₁	60 mm	
d_{2max}	63 mm	
r_{1max}	0.6 mm	
r_{2max}	0.6 mm	
Material		
m	2.6 kg	Mass
C_d	13000 N	Basic dynamic load rating, axial
C_{0d}	22500 N	Basic static load rating, axial
n_{crit}	2800 1/min	Limiting speed for grease lubrication
M_{fr}	1.5 Nm	Bearing frictional torque
C_{0a}	400 N/mm	Axial rigidity
S_{0a}	1500 N/mmrad	Tilting rigidity
M₀	19.2 kg x cm ²	Mass moment of inertia for rotating inner ring
r_{ax}	2.5 μm	Axial runout
The axial runout data for screw drive bearing arrangements are based on the rotating inner ring.		
ZMAS075		Designation of recommended INA locknut
AM50		Designation of recommended INA locknut
Locknuts not included in delivery.		
M_L	150 Nm	Tightening torque
Only valid in conjunction with INA precision locknuts		
F_{0.2}	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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