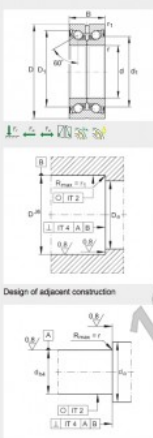


Deep groove ball bearing single row ZKLN5090-2Z-INA - ZKLN5090-2Z-INA

<https://www.123bearing.com/bearing-housing/deep-groove-bearing/single-row/zkln5090-2z-ina>

Axial angular contact ball bearings ZKLN5090-2Z
double direction, gap seals on both sides



d	50 mm	Tolerance: -0.029
D	90 mm	Tolerance: -0.01
B	34 mm	Tolerance: -0.25
	60 °	Contact angle
D _{A,max}	82 mm	
d ₁	72 mm	
d _{2,max}	63 mm	
r _{1,max}	0.6 mm	
r _{2,max}	0.3 mm	
m	0.88 kg	Mass
C _a	46500 N	Basic dynamic load rating, axial
C _{0a}	186000 N	Basic static load rating, axial
n _{lim,grease}	5000 1/min	Limiting speed for grease lubrication
M _{lim,grease}	3.65 Nm	Bearing frictional torque
S _{0a}	320 N/mm	Axial rigidity
S _{1a}	1000 1/min/rad	Tilting rigidity
M _{0a}	0.24 kg x cm ²	Mass moment of inertia for rotating inner ring
	2.5 μm	Axial runout
		The axial runout data for screw drive bearing arrangements are based on the rotating inner ring.
	ZM50	Designation of recommended INA locknut
	AM50	Designation of recommended INA locknut
		Locknuts not included in delivery.
M _s	85 Nm	Tightening torque
		Only valid in conjunction with INA precision locknuts
	17009 N	Axial preload force

Design of adjacent construction

PRODUCT FEATURES

Brand	INA
N° Ean13	3663952334943
Inside diameter	50 mm
Inside diameter	1.969" inch
Sealing	Shield on both sides
Outside diameter	90 mm
Outside diameter	3.543" inch
Thickness	34 mm
Thickness	1.339" inch
Weight	918 g
Packaging	1

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