

Deep groove ball bearing single row ZKLN1242-2Z-INA - ZKLN1242-2Z-INA

<https://www.123bearing.ie/bearing-housing/deep-groove-bearing/single-row/zkln1242-2z-ina>

Axial angular contact ball bearings ZKLN1242-2Z
double direction, gap seats on both sides

d	12 mm	Tolerance: -0.025
D	42 mm	Tolerance: -0.010
B	25 mm	Tolerance: -0.25
	60 °	Contact angle
D_{1max}	33 mm	
d₁	25 mm	
d_{2min}	16 mm	
r_{1max}	0.6 mm	
r_{2min}	0.3 mm	
m	0.2 kg	Mass
C₁₀	16900 N	Basic dynamic load rating, axial
C_{10a}	94700 N	Basic static load rating, axial
n_{0max}	7500 1/min	Limiting speed for grease lubrication
M_{fr}	0.98 Nm	Bearing frictional torque
S_{ax}	375 N/μm	Axial rigidity
G_{ax}	50 Nm/rad	Tilting rigidity
M₂	0.066 kg x cm ²	Mass moment of inertia for rotating inner ring
	2 μm	Axial runout
		The axial runout data for screw drive bearing arrangements are based on the rotating inner ring.
	ZM12	Designation of recommended INA locknut
		Locknuts not included in delivery.
M_s	8 Nm	Tightening torque
		Only valid in conjunction with INA precision locknuts
	5038 N	Axial preload force

Design of adjacent construction

Design of adjacent construction

PRODUCT FEATURES

Brand	INA
N° Ean13	3616060457028
Inside diameter	12 mm
Sealing	Shield on both sides
Outside diameter	42 mm
Thickness	25 mm
Weight	200 g
Packaging	1

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