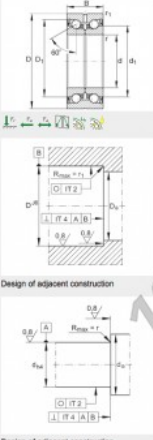


Deep groove ball bearing single row ZKLN1242-2Z-INA - ZKLN1242-2Z-INA

<https://www.123bearing.com/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: -0.029
D	42 mm	Tolerance: -0.010
B	25 mm	Tolerance: -0.25
α	60 °	Contact angle
D_{1max}	33 mm	
d₁	25 mm	
d_{1min}	16 mm	
r_{1max}	0.6 mm	
r_{1min}	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_{10max}	7500 1/min	Limiting speed for grease lubrication
M_{fr}	0.98 Nm	Bearing frictional torque
C_{10a}	375 N/μm	Axial rigidity
M_{tr}	50 Nm/mrad	Tilting rigidity
M₂	0.066 kg x cm ²	Mass moment of inertia for rotating inner ring
r_{ax}	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
Inside diameter	0.472" inch
Sealing	Shield on both sides
Outside diameter	42 mm
Outside diameter	1.654" inch
Thickness	25 mm
Thickness	0.984" inch
Weight	200 g
Packaging	1

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