



# Axial angular contact ball bearings

## ZKLN1545-2RS (Series ZKLN..-2RS)

double direction, lip seals on both sides

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue ordering system (<http://www.ina.de/content.ina.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

d	15 mm	Tolerance: -0,005
D	45 mm	Tolerance: -0,010
B	25 mm	Tolerance: -0,25
	60 °	Contact angle
d <sub>1</sub>	28 mm	
D <sub>a</sub> max	35 mm	
d <sub>a</sub> min	20 mm	
r <sub>1</sub> min	0,6 mm	
r <sub>min</sub>	0,3 mm	
m	0,21 kg	Mass
C <sub>a</sub>	17900 N	Basic dynamic load rating, axial
C <sub>0a</sub>	28000 N	Basic static load rating, axial
n <sub>G</sub> Fett	3500 1/min	Limiting speed for grease lubrication
M <sub>RL</sub>	0,2 Nm	Bearing frictional torque
C <sub>aL</sub>	400 N/μm	Axial rigidity
C <sub>kL</sub>	65 Nm/mrad	Tilting rigidity
M <sub>m</sub>	0,102 kg x cm <sup>2</sup>	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.	
	ZM15	Designation of recommended INA locknut
	AM15	Designation of recommended INA locknut

Locknuts not included in delivery.

MA

10 Nm Tightening torque

Only valid in conjunction with INA precision locknuts

5484 N Axial preload force



