



# Axial angular contact ball bearings

## ZKLN2557-2RS-PE (Series ZKLN..-2RS-PE)

Increased tolerances, 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	25 mm	Tolerance: -0,01
D	57 mm	Tolerance: -0,013
B	28 mm	Tolerance: -0,25
	60 °	Contact angle
d <sub>1</sub>	40,5 mm	
D <sub>a</sub> max	48 mm	
d <sub>a</sub> min	32 mm	
r <sub>1</sub> min	0,6 mm	
r <sub>min</sub>	0,3 mm	
m	0,34 kg	Mass
C <sub>a</sub>	27500 N	Basic dynamic load rating, axial
C <sub>0a</sub>	55000 N	Basic static load rating, axial
n <sub>G</sub> Fett	2600 1/min	Limiting speed for grease lubrication
MRL	0,4 Nm	Bearing frictional torque
CaL	750 N/μm	Axial rigidity
ckL	200 Nm/mrad	Tilting rigidity
M <sub>m</sub>	0,486 kg x cm <sup>2</sup>	Mass moment of inertia for rotating inner ring
	5 μm	Axial runout
	The axial runout data for screw drive bearing arrangements are based on the rotating inner	

	ring.
	ZM25 Designation of recommended INA locknut
	AM25 Designation of recommended INA locknut
	Locknuts not included in delivery.
MA	25 Nm Tightening torque Only valid in conjunction with INA precision locknuts
	9410 N Axial preload force



