



Axial angular contact ball bearings ZKLF40100-2RS-XL (Series ZKLF..-2RS)

double direction, for screw mounting, 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	40 mm	Tolerance: 0/-0,005
D	100 mm	Tolerance: 0/-0,01
B	34 mm	Tolerance: 0/-0,25
	M6	Threaded connector for lubrication
	60 °	Contact angle
1)		Extraction slot
b	3 mm	
d1	58 mm	
d2	8,8 mm	
Da max	67 mm	
da min	50 mm	
l	25 mm	
J	80 mm	
r1 min	0,6 mm	
rmin	0,3 mm	
t	4 x 90°	Pitch t Quantity X t
m	1,46 kg	Mass
Ca	47500 N	Basic dynamic load rating, axial

C_{0a}	101000 N	Basic static load rating, axial
C_{ua}	6000 N	Fatigue limit load, axial
n_G	4000 1/min	Limiting speed for grease lubrication
Fett		
n_{\emptyset}	1800 1/min	
MRL	0,7 Nm	Bearing frictional torque
CaL	1000 N/ μ m	Axial rigidity
ckL	550 Nm/mrad	Tilting rigidity
M_m	2,26 kg * cm ²	Mass moment of inertia for rotating inner ring
	2,5 μ m	Axial runout
		The axial runout data for screw drive bearing arrangements are based on the rotating inner ring.
	4	Number of fixing screws to DIN 912-10.9 Screws not included in scope of delivery.
	M8	Size of fixing screws to DIN 912-10.9 Tightening torque of fixing screws according to manufacturer's data. Screws not included in scope of delivery.
	ZM40	Designation of recommended INA locknut
	AM40	Designation of recommended INA locknut
		Locknuts not included in delivery.
MA	55 Nm	Tightening torque
		Only valid in conjunction with INA precision locknuts
	13412 N	Axial preload force





