

## ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

### ZKLF Axial angular contact ball bearings-ZKLF100200-2Z



Designation	<b>ZKLF100200-2Z</b>
Mass $m = \text{kg}$	9.3
Dimensions	
d -0,005	<b>100</b>
D -0,01	<b>200</b>
B -0,25	55
d1	132
r min.	0.6
r1 min.	0.6
J	175
d2	11
b	3
l	45
Pitch $n \times t$	$8 \times 45^\circ$
Mounting dimensions	
Da max.	150
da min.	128
t1	0.2
Fixing screws	DIN EN ISO 4762 10.9
Size	M10
$n \times t_a$	$8 \times 45^\circ$
Basic load ratings axial	
dyn. Ca N	154000
stat. C0a N	435000
Fatigue limit load $Cu$	22400
N	
Limiting speed $nG$	3300
grease min-1	
Thermally safe	2150
operating speed $nP$	
min-1	
Bearing frictional torque	2.6
MR Nm	
Rigidity axial caL N/ $\mu\text{m}$	1900
Tilting rigidity ckL	5800
Mass moment of inertia	85.3
Mm	
Axial runout $\mu\text{m}$	3
Recommended INA precision locknut	
For radial locking	ZMA100/140
For axial locking	AM100
Tightening torque MA	250
Nm	
Required locknut force	25624
axial N	