

## ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

### ZKLF Axial angular contact ball bearings-ZKLF50115-2RS



Designation	<b>ZKLF50115-2RS</b>
Mass $m = \text{kg}$	1.86
Dimensions	
d -0,005	<b>50</b>
D -0,01	<b>115</b>
B -0,25	34
d1	72
r min.	0.3
r1 min.	0.6
J	94
d2	8.8
b	3
l	25
Pitch $n \times t$	12 $\times$ 30°
Mounting dimensions	
Da max.	82
da min.	63
t1	0.2
Fixing screws	DIN EN ISO 4762 10.9
Size	M8
$n \times t_a$	6 $\times$ 60°
Basic load ratings axial	
dyn. Ca N	51000
stat. C0a N	126000
Fatigue limit load $Cu$	7400
N	
Limiting speed $nG$	3200
grease min-1	
Thermally safe	1500
operating speed $nP$	
min-1	
Bearing frictional torque	0.9
MR Nm	
Rigidity axial caL N/ $\mu\text{m}$	1250
Tilting rigidity ckL	1000
Mass moment of inertia	5.24
Mm	
Axial runout $\mu\text{m}$	2.5
Recommended INA precision locknut	
For radial locking	ZM50
For axial locking	AM50
Tightening torque MA	85
Nm	
Required locknut force	16280
axial N	