

ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLF Axial angular contact ball bearings-ZKLF50115-2RS



Designation	ZKLF50115-2RS
Mass $m = \text{kg}$	1.86
Dimensions	
d -0,005	50
D -0,01	115
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/ μm	1250
Tilting rigidity ckL	1000
Mass moment of inertia	5.24
Mm	
Axial runout μm	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	