

## ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

### ZKLF Axial angular contact ball bearings-ZKLF3080-2RS



Designation	<b>ZKLF3080-2RS</b>
Mass $m = \text{kg}$	0.78
Dimensions	
d -0,005	<b>30</b>
D -0,01	<b>80</b>
B -0,25	28
d1	45.5
r min.	0.3
r1 min.	0.6
J	63
d2	6.8
b	<b>3</b>
l	19
Pitch $n \times t$	12 $\times$ 30°
Mounting dimensions	
Da max.	53
da min.	40
t1	0.1
Fixing screws	DIN EN ISO 4762 10.9
Size	M6
$n \times t_a$	6 $\times$ 60°
Basic load ratings axial	
dyn. Ca N	32000
stat. C0a N	64000
Fatigue limit load $Cu$	3750
N	
Limiting speed $nG$	5000
grease min-1	
Thermally safe	2200
operating speed $nP$	
min-1	
Bearing frictional torque	0.5
MR Nm	
Rigidity axial caL N/ $\mu\text{m}$	850
Tilting rigidity ckL	300
Mass moment of inertia	0.73
Mm	
Axial runout $\mu\text{m}$	2.5
Recommended INA precision locknut	
For radial locking	ZM30
For axial locking	AM30
Tightening torque MA	32
Nm	
Required locknut force	9947
axial N	