

ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLF Axial angular contact ball bearings-ZKLF3080-2RS



Designation	ZKLF3080-2RS
Mass $m = \text{kg}$	0.78
Dimensions	
d -0,005	30
D -0,01	80
B -0,25	28
d1	45.5
r min.	0.3
r1 min.	0.6
J	63
d2	6.8
b	3
l	19
Pitch $n \times t$	$12 \times 30^\circ$
Mounting dimensions	
Da max.	53
da min.	40
t1	0.1
Fixing screws	DIN EN ISO 4762 10.9
Size	M6
$n \times t_a$	$6 \times 60^\circ$
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/ μm	850
Tilting rigidity ckL	300
Mass moment of inertia	0.73
Mm	
Axial runout μm	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	