

ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

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



Designation	ZKLF3080-2RS-2AP
Mass $m = \text{kg}$	1.56
Dimensions	
d -0,005	30
D -0,01	80
B -0,25	56
d1	45.5
r min.	0.3
r1 min.	0.6
J	63
d2	6.8
b	3
l	47
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 \times 70
$n \times t_a$	12 \times 30°
Basic load ratings axial	
dyn. Ca N	52000
stat. C0a N	127000
Fatigue limit load Cu	7500
N	
Limiting speed nG	5000
grease min-1	
Thermally safe	2200
operating speed nP	
min-1	
Bearing frictional torque	0.75
MR Nm	
Rigidity axial caL N/ μm	1500
Tilting rigidity ckL	620
Mass moment of inertia	1.46
Mm	
Axial runout μm	2.5
Recommended INA precision locknut	
For radial locking	ZMA30/52
For axial locking	AM30
Tightening torque MA	32
Nm	
Required locknut force	9947
axial N	