

ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLF Axial angular contact ball bearings-ZKLF100230-2Z



Designation	ZKLF100230-2Z
Mass $m = \text{kg}$	17.6
Dimensions	
d -0,005	100
D -0,01	230
B -0,25	85
d1	146
r min.	0.6
r1 min.	0.6
J	200
d2	14
b	3
l	73
Pitch $n \times t$	12 \times 30°
Mounting dimensions	
Da max.	175
da min.	130
t1	0.4
Fixing screws	DIN EN ISO 4762 10.9
Size	M12
$n \times t_a$	12 \times 30°
Basic load ratings axial	
dyn. Ca N	295000
stat. C0a N	790000
Fatigue limit load Cu	29000
N	
Limiting speed nG	2900
grease min-1	
Thermally safe	2000
operating speed nP	
min-1	
Bearing frictional torque	3
MR Nm	
Rigidity axial caL N/ μm	2450
Tilting rigidity ckL	8200
Mass moment of inertia	185
Mm	
Axial runout μm	3
Recommended INA precision locknut	
For radial locking	-
For axial locking	AM100
Tightening torque MA	500
Nm	
Required locknut force	52000
axial N	