

ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLF Axial angular contact ball bearings-ZKLF60145-2Z



Designation	ZKLF60145-2Z
Mass $m = \text{kg}$	4.3
Dimensions	
d -0,005	60
D -0,01	145
B -0,25	45
d1	85
r min.	0.6
r1 min.	0.6
J	120
d2	8.8
b	3
l	35
Pitch $n \times t$	$8 \times 45^\circ$
Mounting dimensions	
Da max.	100
da min.	82
t1	0.2
Fixing screws	DIN EN ISO 4762 10.9
Size	M8
$n \times t_a$	$8 \times 45^\circ$
Basic load ratings axial	
dyn. Ca N	93000
stat. C0a N	214000
Fatigue limit load Cu	12600
N	
Limiting speed nG	4000
grease min-1	
Thermally safe	3000
operating speed nP	
min-1	
Bearing frictional torque	1
MR Nm	
Rigidity axial caL N/ μm	1300
Tilting rigidity ckL	1650
Mass moment of inertia	13.7
Mm	
Axial runout μm	3
Recommended INA precision locknut	
For radial locking	ZMA60/98
For axial locking	AM60
Tightening torque MA	100
Nm	
Required locknut force	16700
axial N	