

ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLF Axial angular contact ball bearings-ZKLF70155-2Z



Designation	ZKLF70155-2Z
Mass $m = \text{kg}$	4.9
Dimensions	
d -0,005	70
D -0,01	155
B -0,25	45
d ₁	95
r min.	0.6
r ₁ min.	0.6
J	130
d ₂	8.8
b	3
l	35
Pitch $n \times t$	8x45°
Mounting dimensions	
Da max.	110
da min.	92
t ₁	0.2
Fixing screws	DIN EN ISO 4762 10.9
Size	M8
$n \times t_a$	8x45°
Basic load ratings axial	
dyn. Ca N	97000
stat. C _{0a} N	241000
Fatigue limit load C_u	14200
N	
Limiting speed n_G	3800
grease min-1	
Thermally safe	2800
operating speed n_P	
min-1	
Bearing frictional torque	1.2
MR Nm	
Rigidity axial caL N/μm	1450
Tilting rigidity ckL	2250
Mass moment of inertia	19.8
Mm	
Axial runout μm	3
Recommended INA precision locknut	
For radial locking	ZMA70/110
For axial locking	AM70
Tightening torque MA	130
Nm	
Required locknut force	19031
axial N	