

ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLF Axial angular contact ball bearings-ZKLF2068-2RS-2AP



Designation	ZKLF2068-2RS-2AP
Mass $m = \text{kg}$	1.22
Dimensions	
d -0,005	20
D -0,01	68
B -0,25	56
d1	34.5
r min.	0.3
r1 min.	0.6
J	53
d2	6.8
b	3
l	47
Pitch $n \times t$	$8 \times 45^\circ$
Mounting dimensions	
Da max.	43
da min.	25
t1	0.1
Fixing screws	DIN EN ISO 4762 10.9
Size	M6x70
$n \times t_a$	$8 \times 45^\circ$
Basic load ratings axial	
dyn. Ca N	46000
stat. C0a N	94000
Fatigue limit load Cu	5500
N	
Limiting speed nG	6600
grease min-1	
Thermally safe	3000
operating speed nP	
min-1	
Bearing frictional torque	0.45
MR Nm	
Rigidity axial caL N/ μm	1150
Tilting rigidity ckL	320
Mass moment of inertia	0.564
Mm	
Axial runout μm	2
Recommended INA precision locknut	
For radial locking	ZMA20/38
For axial locking	AM20
Tightening torque MA	18
Nm	
Required locknut force	8258
axial N	