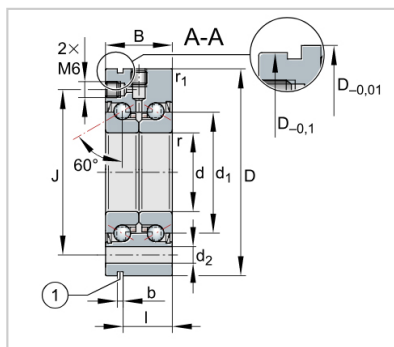


ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLF Axial angular contact ball bearings-ZKLF50140-2Z



Designation	ZKLF50140-2Z
Mass $m = \text{kg}$	4.7
Dimensions	
$d -0,005$	50
$D -0,01$	140
$B -0,25$	54
d_1	80
$r \text{ min.}$	0.6
$r_1 \text{ min.}$	0.6
J	113
d_2	11
b	3
l	45
Pitch $n \times t$	$12 \times 30^\circ$
Mounting dimensions	
$Da \text{ max.}$	98
$da \text{ min.}$	63
t_1	0.2
Fixing screws	DIN EN ISO 4762 10.9
Size	M10
$n \times t_a$	$12 \times 30^\circ$
Basic load ratings axial	
dyn. $C_a \text{ N}$	125000
stat. $C_{0a} \text{ N}$	250000
Fatigue limit load C_u	14800
N	
Limiting speed n_G	3500
grease min-1	
Thermally safe	2500
operating speed n_P	
min-1	
Bearing frictional torque	1.3
$M_R \text{ Nm}$	
Rigidity axial $c_{aL} \text{ N}/\mu\text{m}$	1400
Tilting rigidity c_{kL}	1500
Mass moment of inertia	15.2
M_m	
Axial runout μm	2.5
Recommended INA precision locknut	
For radial locking	ZMA50/75
For axial locking	AM50
Tightening torque M_A	150
N_m	
Required locknut force	28451
axial N	