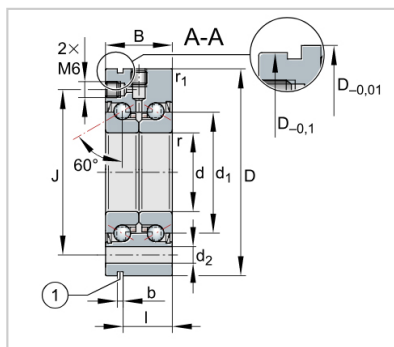


ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLF Axial angular contact ball bearings-ZKLF80165-2Z



Designation	ZKLF80165-2Z
Mass $m = \text{kg}$	5.3
Dimensions	
$d -0,005$	80
$D -0,01$	165
$B -0,25$	45
d_1	105
$r \text{ min.}$	0.6
$r_1 \text{ min.}$	0.6
J	140
d_2	8.8
b	3
l	35
Pitch $n \times t$	$8 \times 45^\circ$
Mounting dimensions	
$Da \text{ max.}$	120
$da \text{ min.}$	102
t_1	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. $C_a \text{ N}$	100000
stat. $C_{0a} \text{ N}$	265000
Fatigue limit load C_u	15400
N	
Limiting speed n_G	3600
grease min-1	
Thermally safe	2700
operating speed n_P	
min-1	
Bearing frictional torque	1.4
$M_R \text{ Nm}$	
Rigidity axial $c_{aL} \text{ N}/\mu\text{m}$	1600
Tilting rigidity c_{kL}	3000
Mass moment of inertia	27.6
M_m	
Axial runout μm	3
Recommended INA precision locknut	
For radial locking	ZMA80/120
For axial locking	AM80
Tightening torque M_A	160
Nm	
Required locknut force	20604
axial N	