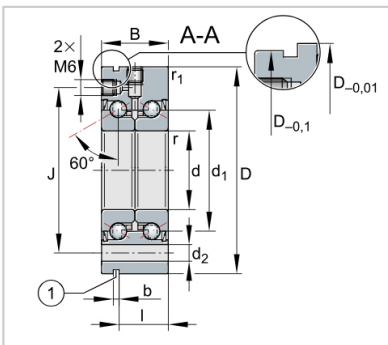


## ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

### ZKLF Axial angular contact ball bearings-ZKLF40100-2RS-2AP



Designation	<b>ZKLF40100-2RS-2AP</b>
Mass $m = \text{kg}$	2.92
Dimensions	
d -0,005	<b>40</b>
D -0,01	<b>100</b>
B -0,25	68
d1	58
r min.	0.3
r1 min.	0.6
J	80
d2	8.8
b	3
l	59
Pitch $n \times t$	$8 \times 45^\circ$
Mounting dimensions	
Da max.	67
da min.	50
t1	0.2
Fixing screws	DIN EN ISO 4762 10.9
Size	M8x80
$n \times t_a$	$8 \times 45^\circ$
Basic load ratings axial	
dyn. $C_a \text{ N}$	77000
stat. $C_{0a} \text{ N}$	202000
Fatigue limit load $C_u$	11900
$N$	
Limiting speed $n_G$	4000
grease min-1	
Thermally safe	1800
operating speed $n_P$	
min-1	
Bearing frictional torque	1.05
MR Nm	
Rigidity axial $c_{aL} \text{ N}/\mu\text{m}$	1750
Tilting rigidity $c_{kL}$	1200
Mass moment of inertia	4.52
Mm	
Axial runout $\mu\text{m}$	2.5
Recommended INA precision locknut	
For radial locking	ZMA40/62
For axial locking	AM40
Tightening torque MA	55
Nm	
Required locknut force	13412
axial N	