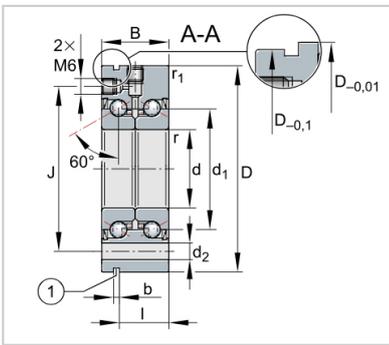


## ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

### ZKLF Axial angular contact ball bearings-



Designation	ZKLF50115-2RS-2AP
Mass $m = \text{kg}$	3.72
Dimensions	
d -0,005	50
D -0,01	115
B -0,25	68
d1	72
r min.	0.3
r1 min.	0.6
J	94
d2	8.8
b	3
l	59
Pitch $n \times t$	$12 \times 30^\circ$
Mounting dimensions	
Da max.	82
da min.	63
t1	0.2
Fixing screws	DIN EN ISO 4762 10.9
Size	M8×80
$n \times t_a$	$12 \times 30^\circ$
Basic load ratings axial	
dyn. Ca N	83000
stat. C0a N	250000
Fatigue limit load $Cu$	14900
N	
Limiting speed $n_G$	3200
grease min-1	
Thermally safe	1500
operating speed $n_P$	
min-1	
Bearing frictional torque	1.35
MR Nm	
Rigidity axial caL N/ $\mu\text{m}$	2200
Tilting rigidity ckL	2250
Mass moment of inertia	10.48
Mm	
Axial runout $\mu\text{m}$	2.5
Recommended INA precision locknut	
For radial locking	ZMA50/75
For axial locking	AM50
Tightening torque MA	85
Nm	
Required locknut force	16280
axial N	