

ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLF Axial angular contact ball bearings-ZKLF40115-2RS



Designation	ZKLF40115-2RS
Mass $m = \text{kg}$	2.2
Dimensions	
d -0,005	40
D -0,01	115
B -0,25	46
d1	65
r min.	0.6
r1 min.	0.6
J	94
d2	8.8
b	3
l	36
Pitch $n \times t$	$12 \times 30^\circ$
Mounting dimensions	
Da max.	80
da min.	56
t1	0.2
Fixing screws	DIN EN ISO 4762 10.9
Size	M8
$n \times t_a$	$12 \times 30^\circ$
Basic load ratings axial	
dyn. Ca N	79000
stat. C0a N	149000
Fatigue limit load Cu	8800
N	
Limiting speed n_G	3500
grease min-1	
Thermally safe	1600
operating speed n_P	
min-1	
Bearing frictional torque	1.3
MR Nm	
Rigidity axial $ca_L \text{ N}/\mu\text{m}$	1200
Tilting rigidity ck_L	750
Mass moment of inertia	5.5
Mm	
Axial runout μm	2.5
Recommended INA precision locknut	
For radial locking	ZMA40/62
For axial locking	AM40
Tightening torque MA	110
Nm	
Required locknut force	25185
axial N	