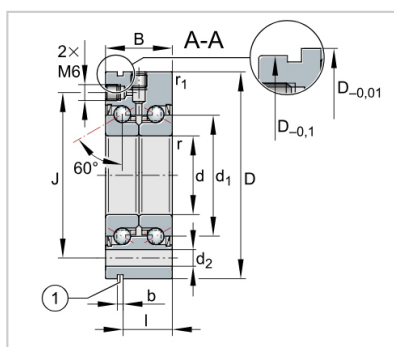


ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLF Axial angular contact ball bearings-



Designation ZKLF50140-2Z

Mass $m = \text{kg}$ 4.7

Dimensions

d -0,005 50

D -0,01 140

B -0,25 54

d1 80

r min. 0.6

r1 min. 0.6

J 113

d2 11

b 3

l 45

Pitch $n \times t$ $12 \times 30^\circ$

Mounting dimensions

Da max. 98

da min. 63

t1 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. Ca N 125000

stat. C0a N 250000

Fatigue limit load Cu 14800

N

Limiting speed n_G 3500

grease min-1

Thermally safe 2500

operating speed n_P

min-1

Bearing frictional torque 1.3

MR Nm

Rigidity axial caL N/ μm 1400

Tilting rigidity ckL 1500

Mass moment of inertia 15.2

Mm

Axial runout μm 2.5

Recommended INA precision locknut

For radial locking ZMA50/75

For axial locking AM50

Tightening torque MA 150

Nm

Required locknut force 28451

axial N