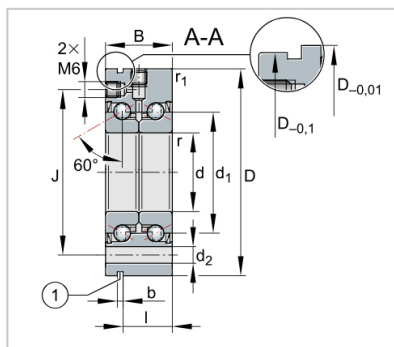


ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLF Axial angular contact ball bearings-ZKLF50115-2Z



Designation **ZKLF50115-2Z**

Mass $m = \text{kg}$ 1.86

Dimensions

$d -0,005$ **50**

$D -0,01$ **115**

$B -0,25$ 34

d_1 72

$r \text{ min.}$ 0.3

$r_1 \text{ min.}$ 0.6

J 94

d_2 8.8

b 3

l 25

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

Mounting dimensions

$Da \text{ max.}$ 82

$da \text{ min.}$ 63

t_1 0.2

Fixing screws DIN EN ISO 4762 10.9

Size M8

$n \times t_a$ $6 \times 60^\circ$

Basic load ratings axial

dyn. $C_a \text{ N}$ 51000

stat. $C_{0a} \text{ N}$ 126000

Fatigue limit load C_u 7400

N

Limiting speed n_G 4200

grease min-1

Thermally safe 3000

operating speed n_P

min-1

Bearing frictional torque 0.45

$M_R \text{ Nm}$

Rigidity axial $ca_L \text{ N}/\mu\text{m}$ 1250

Tilting rigidity ck_L 1000

Mass moment of inertia 5.24

M_m

Axial runout μm 2.5

Recommended INA precision locknut

For radial locking ZM50

For axial locking AM50

Tightening torque M_A 85

N_m

Required locknut force 16280

axial N