

ZKLf ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLf Axial angular contact ball bearings-ZKLf40115-2Z



Designation **ZKLf40115-2Z**

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 4400

grease min-1

Thermally safe 3100

operating speed n_P

min-1

Bearing frictional torque 0.65

MR Nm

Rigidity axial ca_L N/ μm 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 25815

axial N