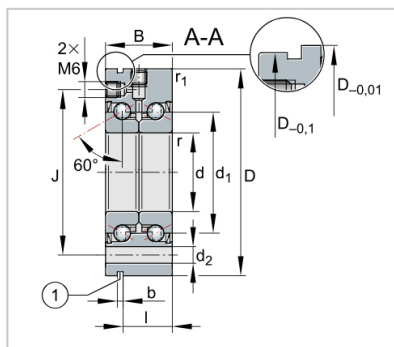


ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLF Axial angular contact ball bearings-ZKLF2068-2Z



Designation **ZKLF2068-2Z**

Mass $m = \text{kg}$ 0.61

Dimensions

$d -0,005$ **20**

$D -0,01$ **68**

$B -0,25$ 28

d_1 34.5

$r \text{ min.}$ 0.3

$r_1 \text{ min.}$ 0.6

J 53

d_2 6.8

b 3

l 19

Pitch $n \times t$ $8 \times 45^\circ$

Mounting dimensions

$Da \text{ max.}$ 43

$da \text{ min.}$ 25

t_1 0.1

Fixing screws DIN EN ISO 4762 10.9

Size M6

$n \times t_a$ $4 \times 90^\circ$

Basic load ratings axial

dyn. $C_a \text{ N}$ 28500

stat. $C_{0a} \text{ N}$ 47000

Fatigue limit load C_u 2750

N

Limiting speed n_G 8700

grease min-1

Thermally safe 5400

operating speed n_P

min-1

Bearing frictional torque 0.15

$M_R \text{ Nm}$

Rigidity axial $ca_L \text{ N}/\mu\text{m}$ 650

Tilting rigidity ck_L 140

Mass moment of inertia 0.273

M_m

Axial runout μm **2**

Recommended INA precision locknut

For radial locking ZM20

For axial locking AM20

Tightening torque M_A 18

Nm

Required locknut force 8258

axial N