

ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLF Axial angular contact ball bearings-ZKLF70155-2Z



Designation **ZKLF70155-2Z**

Mass $m = \text{kg}$ 4.9

Dimensions

$d -0,005$ **70**

$D -0,01$ **155**

$B -0,25$ 45

d_1 95

$r \text{ min.}$ 0.6

$r_1 \text{ min.}$ 0.6

J 130

d_2 8.8

b 3

l 35

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

Mounting dimensions

$Da \text{ max.}$ 110

$da \text{ min.}$ 92

t_1 0.2

Fixing screws DIN EN ISO 4762 10.9

Size M8

$n \times t_a$ $8 \times 45^\circ$

Basic load ratings axial

dyn. $C_a \text{ N}$ 97000

stat. $C_{0a} \text{ N}$ 241000

Fatigue limit load C_u 14200

N

Limiting speed n_G 3800

grease min-1

Thermally safe 2800

operating speed n_P

min-1

Bearing frictional torque 1.2

$M_R \text{ Nm}$

Rigidity axial $ca_L \text{ N}/\mu\text{m}$ 1450

Tilting rigidity ck_L 2250

Mass moment of inertia 19.8

M_m

Axial runout μm 3

Recommended INA precision locknut

For radial locking ZMA70/110

For axial locking AM70

Tightening torque MA 130

N_m

Required locknut force 19031

axial N