



## Model: 22209EK

Basic size of  
mm

d <sub>1</sub> :	40
D :	85
B :	23

The basic rated load is  
kN

trends C :	102
static state Co :	98
Fatigue load limit Pu :	10.8

Rated rotation speed is  
r/min

Refer to the speed :	7500
limit speed :	10000
Mass bearing + tightening sleeve :	0.81

model

bearing :	*22209E K
tapered adapter-sleeve :	H309

Dimensions are  
mm

d <sub>1</sub> :	40
d <sub>2</sub> ~ :	54.4
d <sub>3</sub> :	65
D1 ~ :	74.4
B <sub>1</sub> :	39
B <sub>2</sub> :	11
b :	5.5
k :	3
r <sub>1,2</sub> the min :	1.1

Shoulder gear and chamfer size  
mm

d <sub>a</sub> the max :	54
d <sub>b</sub> the min :	50

Da the max:	78
B <sub>a</sub> the min:	7
r <sub>a</sub> the max:	1

Calculation coefficient

e:	0.26
Y1:	2.6
Y2:	3.9
Yo:	2.5