



## Model: 22224EK

Basic size of  
mm

d <sub>1</sub> :	110
D:	215
B:	58

The basic rated load is  
kN

trends C:	630
static state Co:	765
Fatigue load limit Pu:	73.5

Rated rotation speed is  
r/min

Refer to the speed:	2800
limit speed:	3800
Mass bearing + tightening sleeve:	11

model

bearing:	*22224E K
tapered adapter-sleeve:	H3124

Dimensions are  
mm

d <sub>1</sub> :	110
d <sub>2</sub> ~ :	141
d <sub>3</sub> :	155
D1 ~ :	189
B <sub>1</sub> :	88
B <sub>2</sub> :	22
b:	11.1
k:	6
r <sub>1,2</sub> the min:	2.1

Shoulder gear and chamfer size  
mm

d <sub>a</sub> the max:	141
d <sub>b</sub> the min:	128

Da the max:	203
B <sub>a</sub> the min:	11
r <sub>a</sub> the max:	2

Calculation coefficient

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