



## Model: 22212EK

Basic size of  
mm

d <sub>1</sub> :	55
D :	110
B :	28

The basic rated load is  
kN

trends C :	156
static state Co :	166
Fatigue load limit Pu :	18.6

Rated rotation speed is  
r/min

Refer to the speed :	5600
limit speed :	7500
Mass bearing + tightening sleeve :	1.45

model

bearing :	*22212E K
tapered adapter-sleeve :	H312

Dimensions are  
mm

d <sub>1</sub> :	55
d <sub>2</sub> ~ :	71.6
d <sub>3</sub> :	80
D1 ~ :	96.5
B <sub>1</sub> :	47
B <sub>2</sub> :	13
b :	5.5
k :	3
r <sub>1,2</sub> the min :	1.5

Shoulder gear and chamfer size  
mm

d <sub>a</sub> the max :	71
d <sub>b</sub> the min :	65

Da the max:	101
B <sub>a</sub> the min:	9
r <sub>a</sub> the max:	1.5

Calculation coefficient

e:	0.24
Y1:	2.8
Y2:	4.2
Yo:	2.8