



Model: 22211EK

Basic size of
mm

d ₁ :	50
D :	100
B :	25

The basic rated load is
kN

trends C :	125
static state Co :	127
Fatigue load limit Pu :	13.7

Rated rotation speed is
r/min

Refer to the speed :	6300
limit speed :	8500
Mass bearing + tightening sleeve :	1.1

model

bearing :	*22211E K
tapered adapter-sleeve :	H311

Dimensions are
mm

d ₁ :	50
d ₂ ~ :	65.3
d ₃ :	75
D1 ~ :	88
B ₁ :	45
B ₂ :	12.5
b :	5.5
k :	3
r _{1,2} the min :	1.5

Shoulder gear and chamfer size
mm

d _a the max :	65
d _b the min :	60

Da the max:	91
B _a the min:	10
r _a the max:	1.5

Calculation coefficient

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