



Model: 22222EK

Basic size of
mm

d ₁ :	100
D :	200
B :	53

The basic rated load is
kN

trends C :	560
static state Co :	640
Fatigue load limit Pu :	63

Rated rotation speed is
r/min

Refer to the speed :	3000
limit speed :	4000
Mass bearing + tightening sleeve :	8.9

model

bearing :	*22222E K
tapered adapter-sleeve :	H322

Dimensions are
mm

d ₁ :	100
d ₂ ~ :	130
d ₃ :	145
D1 ~ :	178
B ₁ :	77
B ₂ :	21
b :	8.3
k :	4.5
r _{1,2} the min :	2.1

Shoulder gear and chamfer size
mm

d _a the max :	130
d _b the min :	118

Da the max:	188
B _a the min:	6
r _a the max:	2

Calculation coefficient

e:	0.25
Y1:	2.7
Y2:	4
Yo:	2.5