



Model: 22205EK

Basic size of
mm

d ₁ :	20
D :	52
B :	18

The basic rated load is
kN

trends C :	49
static state Co :	44
Fatigue load limit Pu :	4.75

Rated rotation speed is
r/min

Refer to the speed :	13000
limit speed :	17000
Mass bearing + tightening sleeve :	0.33

model

bearing :	*22205E K
tapered adapter-sleeve :	H305

Dimensions are
mm

d ₁ :	20
d ₂ ~ :	31.2
d ₃ :	38
D1 ~ :	44.2
B ₁ :	29
B ₂ :	8
b :	3.7
k :	2
r _{1,2} the min :	1

Shoulder gear and chamfer size
mm

d _a the max :	31
d _b the min :	28

Da the max:	46.4
B _a the min:	5
r _a the max:	1

Calculation coefficient

e:	0.35
Y1:	1.9
Y2:	2.9
Yo:	1.8