



Model: 22220EK

Basic size of
mm

d ₁ :	90
D :	180
B :	46

The basic rated load is
kN

trends C :	425
static state Co :	490
Fatigue load limit Pu :	49

Rated rotation speed is
r/min

Refer to the speed :	3400
limit speed :	4500
Mass bearing + tightening sleeve :	6.4

model

bearing :	*22220E K
tapered adapter-sleeve :	H320

Dimensions are
mm

d ₁ :	90
d ₂ ~ :	118
d ₃ :	130
D1 ~ :	159
B ₁ :	71
B ₂ :	20
b :	8.3
k :	4.5
r _{1,2} the min :	2.1

Shoulder gear and chamfer size
mm

d _a the max :	118
d _b the min :	108

Da the max:	168
B _a the min:	8
r _a the max:	2

Calculation coefficient

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