



Model: H319

Basic size of
mm

d ₁ :	85
D :	200
B :	45

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 :	8.25

model

bearing :	*21319E K
tapered adapter-sleeve :	H319

Dimensions are
mm

d ₁ :	85
d ₂ ~ :	118
d ₃ :	125
D1 ~ :	159
B ₁ :	68
B ₂ :	19
b :	8.3
k :	4.5
r _{1,2} the min :	3

Shoulder gear and chamfer size
mm

d _a the max :	118
d _b the min :	102

Da the max:	186
B _a the min:	7
r _a the max:	2.5

Calculation coefficient

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