



## Model: 1212EKTN9

Basic size of  
mm

d:	55
D:	110
B:	22

The basic rated load is  
kN

trends C:	31.2
static state Co:	12.2
Fatigue load limit Pu:	0.62

Rated rotation speed is  
r/min

Refer to the speed:	12000
limit speed:	8500
Mass bearing + tightening sleeve:	1.2

model

bearing:	1212EKTN 9
tapered adapter- sleeve:	H212



Dimensions are  
mm

d <sub>1</sub> :	55
d <sub>3</sub> :	80
D1 ~ :	97.6
B1:	38
B2:	13
r <sub>1,2</sub> the min:	1.5

Shoulder gear and chamfer size  
mm

d <sub>a</sub> the max:	78
d <sub>b</sub> the min:	64
Da the max:	101
B <sub>a</sub> the min:	7
r <sub>a</sub> the max:	1.5

### Calculation coefficient

e:	0.19
Y1:	3.3
Y2:	5.1
Y0:	3.6