



Model: 1209EKTN9

Basic size of
mm

d:	40
D:	85
B:	19

The basic rated load is
kN

trends C:	22.9
static state Co:	7.8
Fatigue load limit Pu:	0.4

Rated rotation speed is
r/min

Refer to the speed:	17000
limit speed:	11000
Mass bearing + tightening sleeve:	0.68

model

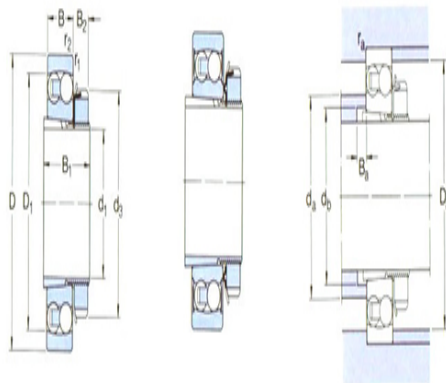
bearing:	1209EKTN 9
tapered adapter- sleeve:	H209

Dimensions are
mm

d ₁ :	40
d ₃ :	65
D1 ~ :	73.7
B1:	33
B2:	11
r _{1,2} the min:	1.1

Shoulder gear and chamfer size
mm

d _a the max:	57
d _b the min:	48
Da the max:	78
B _a the min:	6
r _a the max:	1



Calculation coefficient

e:	0.21
Y1:	3
Y2:	4.6
Y0:	3.2