



Model: 6209-ZNR

Basic size of

mm

d:	45
D:	85
B:	19

The basic rated load is

kN

trends C:	35.1
static state Co:	21.6
Fatigue load limit Pu:	0.915

Rated rotation speed is

r/min

Refer to the speed:	17000
Limit speed ¹⁾ :	11000
Mass kg:	0.41

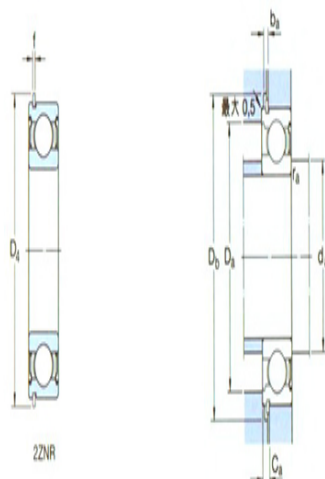
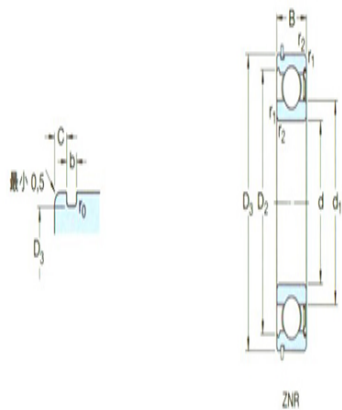
model

Bearing belt stop slot:	*6209-ZNR
Stop slot and stop ring:	*6209-2ZNR
snap ring:	SP85

Dimensions are

mm

d:	45
d1 ~ :	57.6
D1 ~ :	75.2
D3:	81.81
D4:	91.6
b:	1.9
f:	1.7
C:	3.28
r _{1,2} the min:	1.1
r ₀ the max:	0.6



Shoulder gear and chamfer size

mm

d_a the min:	52
D_a the max:	78
D_b the min:	93
b_a the min:	2.2
C_a the max:	4.98
r_a the max:	1

Calculation coefficient

k_r :	0.025
f_o :	14