



Model: SP90

Basic size of

mm

d:	50
D:	90
B:	20

The basic rated load is

kN

trends C:	37.1
static state Co:	23.2
Fatigue load limit Pu:	0.98

Rated rotation speed is

r/min

Refer to the speed:	15000
Limit speed ¹⁾ :	10000
Mass kg:	0.46

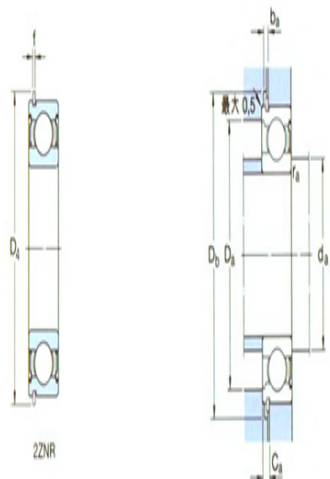
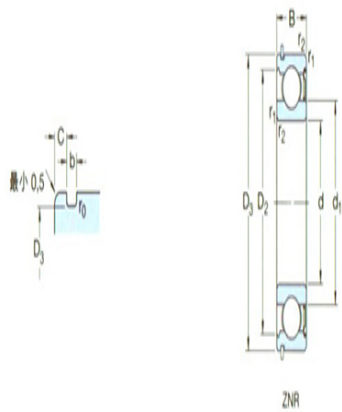
model

Bearing belt stop slot:	*6210-ZNR
Stop slot and stop ring:	*6210-2ZNR
snap ring:	SP90

Dimensions are

mm

d:	50
d1 ~ :	62.5
D1 ~ :	81.6
D3:	86.79
D4:	96.5
b:	2.7
f:	2.46
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:	57
D_a the max:	83
D_b the min:	98
b_a the min:	3
C_a the max:	5.74
r_a the max:	1

Calculation coefficient

k_r :	0.025
f_o :	14