



Model: SP42

Basic size of

mm

d:	20
D:	42
B:	12

The basic rated load is

kN

trends C:	9.95
static state Co:	5
Fatigue load limit Pu:	0.212

Rated rotation speed is

r/min

Refer to the speed:	38000
Limit speed ¹⁾ :	24000
Mass kg:	0.069

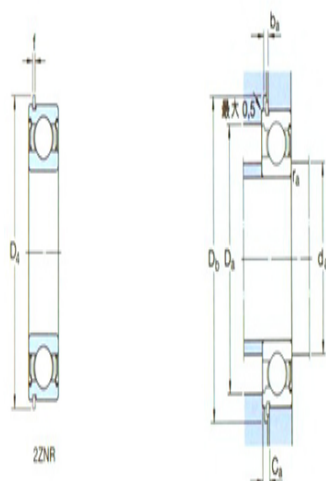
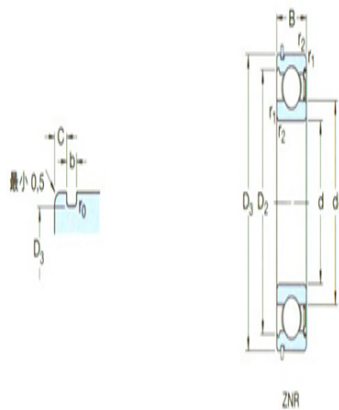
model

Bearing belt stop slot:	*6004-ZNR
Stop slot and stop ring:	*6004-2ZNR
snap ring:	SP42

Dimensions are

mm

d:	20
d1 ~ :	27.2
D1 ~ :	37.2
D3:	39.75
D4:	46.3
b:	1.35
f:	1.12
C:	2.06
r _{1,2} the min:	0.6
r ₀ the max:	0.4



Shoulder gear and chamfer size

mm

d_a the min: 23.2

D_a the max: 38.8

D_b the min: 48

b_a the min: 1.5

C_a the max: 3.18

r_a the max: 0.6

Calculation coefficient

k_r : 0.025

f_o : 14