



**Model: SP180**

Basic size of

mm

d:	100
D:	180
B:	34

The basic rated load is

kN

trends C:	127
static state Co:	93
Fatigue load limit Pu:	3.35

Rated rotation speed is

r/min

Refer to the speed:	7500
Limit speed <sup>1)</sup> :	4800
Mass kg:	3.15

model

Bearing belt stop slot:	*6220N
Stop slot and stop ring:	*6220NR
snap ring:	SP180

Dimensions are

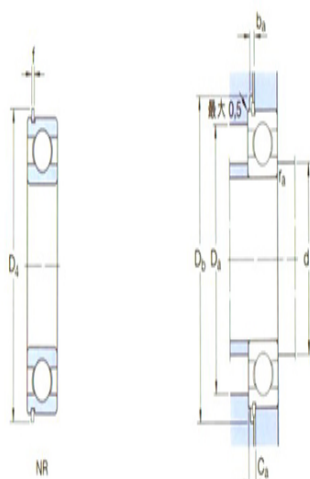
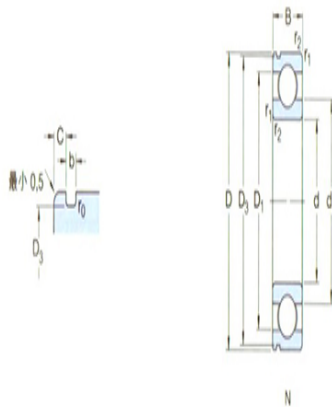
mm

d:	100
d1 ~ :	125
D1 ~ :	155
D3:	173.66
D4:	192.9
b:	3.5
f:	3.1
C:	5.69
r <sub>1,2</sub> the min:	2.1
r <sub>0</sub> the max:	0.6

Shoulder gear and chamfer size

mm

d <sub>a</sub> the min:	112
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Da the max:	168
D <sub>b</sub> the min:	195
b <sub>a</sub> the min:	4
Ca the max:	8.79
r <sub>a</sub> the max:	2

Calculation coefficient

k <sub>r</sub> :	0.025
fo:	14