



**Model: 6312N**

Basic size of  
mm

d:	60
D:	130
B:	31

The basic rated load is  
kN

trends C:	85.2
static state Co:	52
Fatigue load limit Pu:	2.2

Rated rotation speed is  
r/min

Refer to the speed:	11000
Limit speed <sup>1)</sup> :	7000
Mass kg:	1.7

model

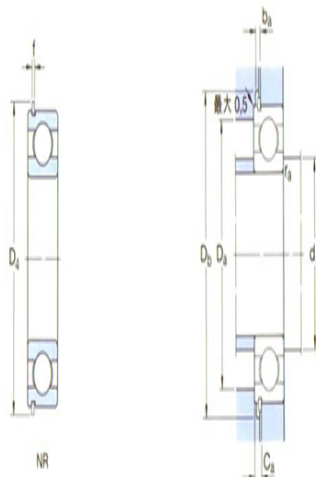
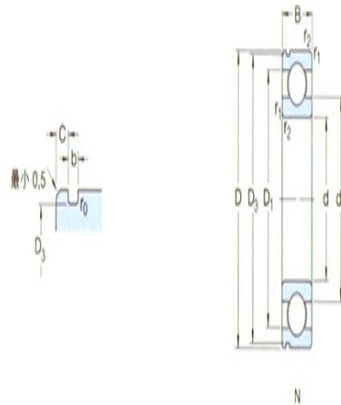
Bearing belt stop slot:	*6312N
Stop slot and stop ring:	*6312NR
snap ring:	SP130

Dimensions are  
mm

d:	60
d1 ~ :	81.9
D1 ~ :	108
D3:	125.22
D4:	139.7
b:	3.1
f:	2.82
C:	4.06
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:	72
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Da the max:	118
D <sub>b</sub> the min:	141
b <sub>a</sub> the min:	3.5
Ca the max:	6.88
r <sub>a</sub> the max:	2

Calculation coefficient

k <sub>r</sub> :	0.03
fo:	13