

Model: SP100

Basic size of

mm

d:	45
D:	100
B:	25

The basic rated load is

kN

trends C:	55.3
static state Co:	31.5
Fatigue load limit Pu:	1.34

Rated rotation speed is

r/min

Refer to the speed:	15000
Limit speed ¹⁾ :	9500
Mass kg:	0.83

model

Bearing belt stop slot:	*6309N
Stop slot and stop ring:	*6309NR
snap ring:	SP100

Dimensions are

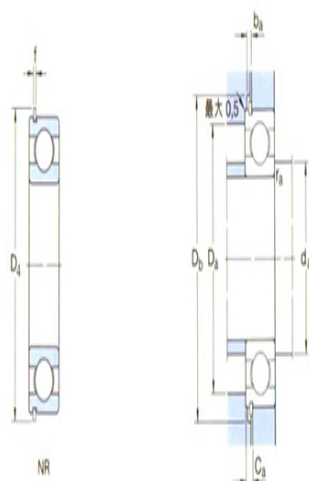
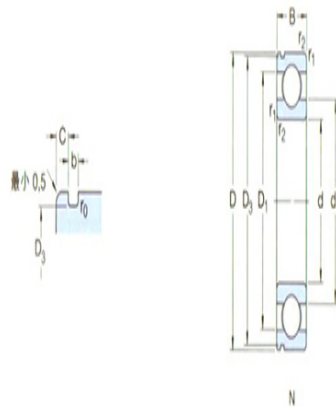
mm

d:	45
d1 ~ :	62.2
D1 ~ :	82.7
D3:	96.8
D4:	106.5
b:	2.7
f:	2.46
C:	3.28
r _{1,2} the min:	1.5
r ₀ the max:	0.6

Shoulder gear and chamfer size

mm

d _a the min:	54
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Da the max:	91
D _b the min:	108
b _a the min:	3
Ca the max:	5.74
r _a the max:	1.5

Calculation coefficient

k _r :	0.03
fo:	13