



**Model: 6309-2RS1**

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:	-
Limit speed <sup>1)</sup> :	4500
Mass kg:	0.83

model

Both sides are sealed:	*6309-2RS1
One side is sealed:	*6309-RS1

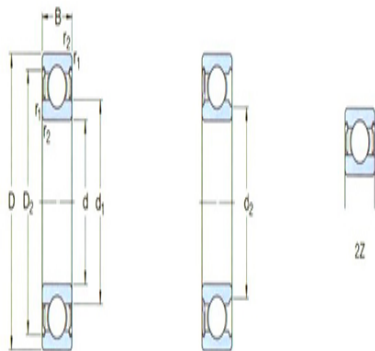
Dimensions are  
mm

d:	45
d1 ~ :	62.2
d2 ~ :	-
D2 ~ :	86.7
r <sub>1,2</sub> the min:	1.5

Shoulder gear and chamfer size  
mm

d <sub>a</sub> the min:	54
d <sub>a</sub> the max:	-
Da the max:	91
r <sub>a</sub> the max:	1.5

Calculation coefficient



$k_f:$  0.03

$f_o:$  13

