

**Model: 61807-2RZ**

Basic size of  
mm

d:	35
D:	47
B:	7

The basic rated load is  
kN

trends C:	4.75
static state Co:	3.2
Fatigue load limit Pu:	0.166

Rated rotation speed is  
r/min

Refer to the speed:	28000
Limit speed <sup>1)</sup> :	14000
Mass kg:	0.03

model

Both sides are sealed:	61807-2RZ
One side is sealed:	-

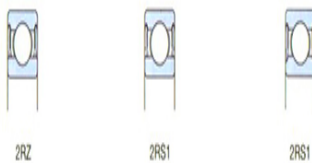
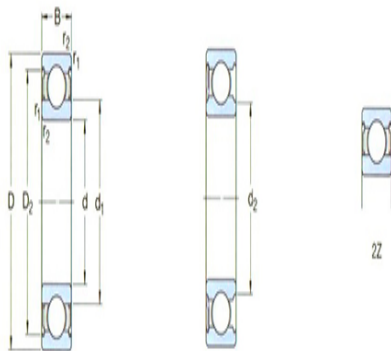
Dimensions are  
mm

d:	35
d1 ~ :	38.7
d2 ~ :	-
D2 ~ :	44.4
r <sub>1,2</sub> the min:	0.3

Shoulder gear and chamfer size  
mm

d <sub>a</sub> the min:	37
d <sub>a</sub> the max:	-
Da the max:	45
r <sub>a</sub> the max:	0.3

Calculation coefficient



$k_f$ : 0.015

$f_o$ : 14

