



**Model: 61809-2RS1**

Basic size of

mm

d:	45
D:	58
B:	7

The basic rated load is

kN

trends C:	6.63
static state Co:	6.1
Fatigue load limit Pu:	0.26

Rated rotation speed is

r/min

Refer to the speed:	-
Limit speed <sup>1)</sup> :	6700
Mass kg:	0.04

model

Both sides are sealed:	61809-2RS1
One side is sealed:	-

Dimensions are

mm

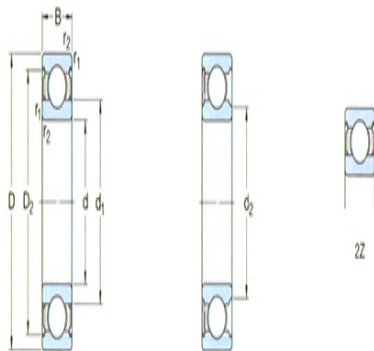
d:	45
d1 ~ :	49.1
d2 ~ :	-
D2 ~ :	55.4
r <sub>1,2</sub> the min:	0.3

Shoulder gear and chamfer size

mm

d <sub>a</sub> the min:	47
d <sub>a</sub> the max:	-
Da the max:	56
r <sub>a</sub> the max:	0.3

Calculation coefficient



$k_r$ : 0.015

$f_o$ : 17

