



**Model: 31309J2/QCL7C**

Basic size of  
 mm

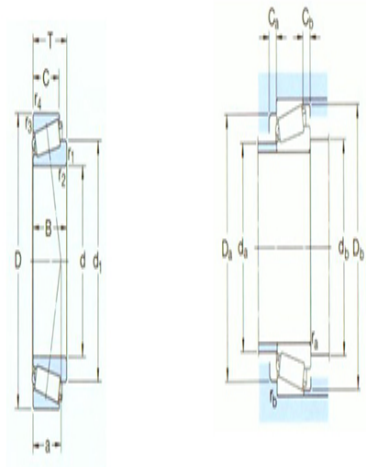
d:	45
D:	100
T:	27.25

The basic rated load is  
 kN

trends C:	106
static state Co:	102
Fatigue load limit Pu:	12.5

Rated rotation speed is  
 r/min

Refer to the speed:	5000
limit speed:	6700
quality:	0.95
model:	*31309J2/QCL7C
ISO335 Size series (ABMA):	7FB



Dimensions are  
 mm

d:	45
d <sub>1</sub> ~ :	74.7
B:	25
C:	18
r <sub>1,2</sub> the min:	2
r <sub>3,4</sub> the min:	1.5
a:	31

Shoulder gear and chamfer size  
 mm

d <sub>a</sub> the max:	57
d <sub>b</sub> the min:	53
Da the min:	79
Da the max:	91

Db the min:	95
Ca the min:	4
Cb the min:	9
r <sub>a</sub> the max:	2
r <sub>b</sub> the max:	1.5

Calculation coefficient

e:	0.83
Y:	0.72
Yo:	0.4