



## Model: C31/630KMB1

Basic size of  
mm

d:	630
D:	1030
B:	315

The basic rated load is  
kN

trends C:	12200
static state Co:	22000
Fatigue load limit Pu:	1370

Rated rotation speed is  
r/min

Refer to the speed:	400
limit speed:	560
quality:	1040

model

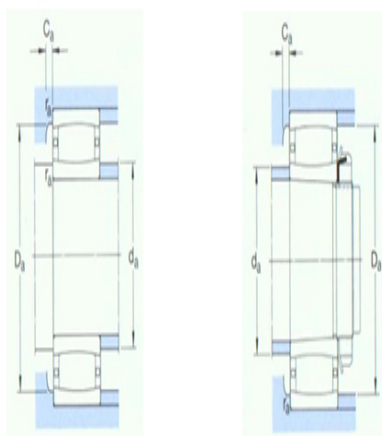
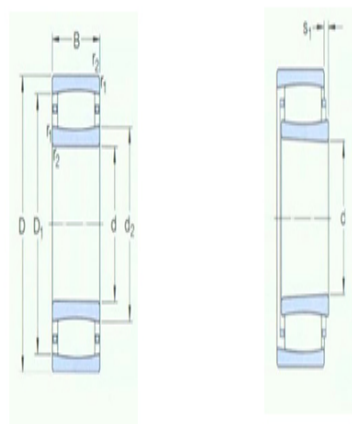
Bearing cylindrical hole:	*C31/630MB1)
conical bore:	*C31/630KMB1)

Dimensions are  
mm

d:	630
d <sub>2</sub> ~ :	749
D1 ~ :	919
r <sub>1,2</sub> the min:	7.5
s <sub>1</sub> <sup>1)</sup> ~ :	31

Shoulder gear and chamfer size  
mm

d <sub>a</sub> the min:	662
d <sub>a</sub> the max:	745
Da the min:	920
Da the max:	998
Ca <sup>2)</sup> the max:	26.8
r <sub>a</sub> the max:	6



### Calculation coefficient

$k_1$ : -

$k_2$ : 0.109