



## Model: C31/500KM2

Basic size of  
mm

d:	500
D:	830
B:	264

The basic rated load is  
kN

trends C:	7500
static state Co:	12700
Fatigue load limit Pu:	850

Rated rotation speed is  
r/min

Refer to the speed:	530
limit speed:	750
quality:	550

model

Bearing cylindrical hole:	*C31/500M
conical bore:	*C31/500KM2 )

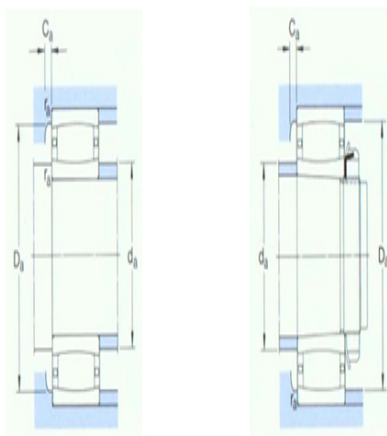
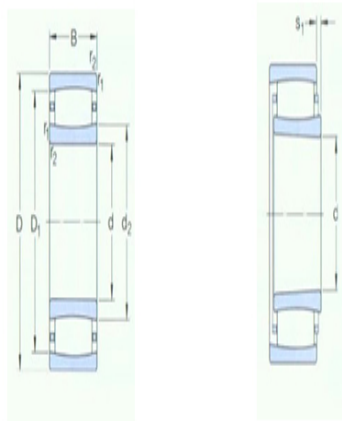
Dimensions are  
mm

d:	500
d <sub>2</sub> ~ :	605
D1 ~ :	738
r <sub>1,2</sub> the min:	7.5
s <sub>1</sub> <sup>1)</sup> ~ :	75.3

Shoulder gear and chamfer size  
mm

d <sub>a</sub> the min:	532
d <sub>a</sub> the max:	655
Da the min:	705
Da the max:	798
Ca <sup>2)</sup> the max:	-
r <sub>a</sub> the max:	6

Calculation coefficient



$k_1:$  0.099

$k_2:$  0.116