



## Model: C31/500KM

Basic size of  
mm

d <sub>1</sub> :	480
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
Mass bearing + return sleeve :	615

model

bearing :	*C31/500KM
withdrawal sleeve :	AOHX31/500 G

Dimensions are  
mm

d <sub>1</sub> :	480
d <sub>2</sub> ~ :	605
D1 ~ :	738
B <sub>1</sub> :	313
B <sub>2</sub> <sup>1)</sup> ~ :	325
G :	Tr530×6
G <sub>1</sub> :	47
r <sub>1,2</sub> the min :	7.5
s <sub>1</sub> <sup>2)</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>3</sup> ) the min:	-
r <sub>a</sub> the max:	6

Calculation coefficient

k <sub>1</sub> :	0.099
k <sub>2</sub> :	0.116