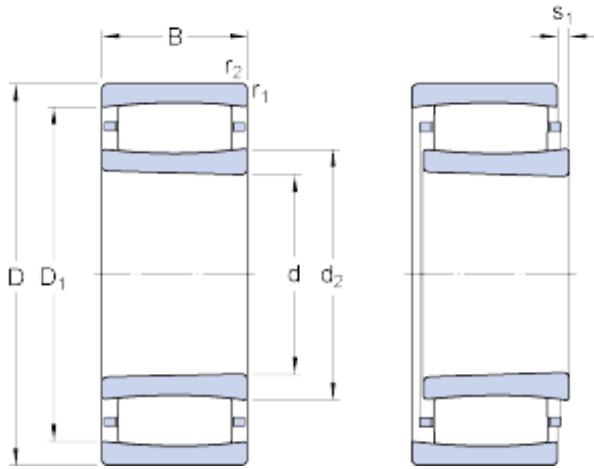




# NTN BEARING USA CORP.



530 mm x 780 mm x 185 mm skf C 30/530 KM  
CARB toroidal roller bearings

Bearing No. C 30/530 KM

C 30/530 KM Bearing 2D drawings and 3D CAD models

Size	780x530x185 mm
Bore Diameter	780 mm
Outer Diameter	530 mm
Width	185 mm
d	530 mm
D	780 mm
B	185 mm
d <sub>2</sub>	601 mm
D <sub>1</sub>	705 mm
s <sub>1</sub>	35.7 mm
r <sub>1,2</sub> - min.	6 mm
d <sub>a</sub> - min.	543 mm
d <sub>a</sub> - max.	638 mm
D <sub>a</sub> - min.	681 mm
D <sub>a</sub> - max.	757 mm
C <sub>a</sub> - min.	2.5 mm
r <sub>a</sub> - max.	5 mm
Basic dynamic load rating - C	5100 kN
Basic static load rating - C <sub>0</sub>	9500 kN
Fatigue load limit - P <sub>u</sub>	630 kN
Reference speed	600 r/min
Limiting speed	800 r/min
Factor - k <sub>1</sub>	0.12
Factor - k <sub>2</sub>	0.101



## NTN BEARING USA CORP.

$d_2$	601 mm
$D_1$	705 mm
$s_1$ max.	35.7 mm
$r_{1,2}$ min.	6 mm
$D_a$ min.	681 mm
$D_a$ max.	757 mm
$C_a$ min.	2.5 mm
$r_a$ max.	5 mm
Basic dynamic load rating C	5100 kN
Basic static load rating $C_0$	9500 kN
Fatigue load limit $P_u$	630 kN
Misalignment factor $k_1$	0.12
Operating clearance factor $k_2$	0.101
Mass bearing	290 kg