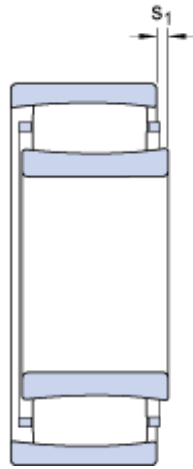
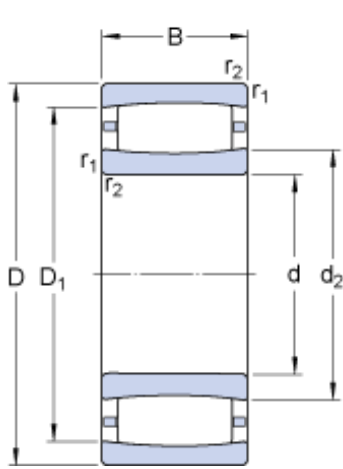




# BEARING CORP.OF AMERICA



480 mm x 700 mm x 165 mm skf C 3096 M  
CARB toroidal roller bearings

Bearing No. C 3096 M

C 3096 M Bearing 2D drawings and 3D CAD models

Size	700x480x165 mm
Bore Diameter	700 mm
Outer Diameter	480 mm
Width	165 mm
d	480 mm
D	700 mm
B	165 mm
d <sub>2</sub>	555 mm
D <sub>1</sub>	640 mm
s <sub>1</sub>	35.5 mm
r <sub>1,2</sub> - min.	6 mm
d <sub>a</sub> - min.	503 mm
d <sub>a</sub> - max.	586 mm
D <sub>a</sub> - min.	620 mm
D <sub>a</sub> - max.	677 mm
C <sub>a</sub> - min.	2.3 mm
r <sub>a</sub> - max.	5 mm
Basic dynamic load rating - C	4050 kN
Basic static load rating - C <sub>0</sub>	7800 kN
Fatigue load limit - P <sub>u</sub>	530 kN
Reference speed	670 r/min
Limiting speed	900 r/min
Factor - k <sub>1</sub>	0.113
Factor - k <sub>2</sub>	0.11



## BEARING CORP.OF AMERICA

$d_2$	555 mm
$D_1$	640 mm
$s_1$ max.	35.5 mm
$r_{1,2}$ min.	6 mm
$d_a$ min.	503 mm
$d_a$ max.	586 mm
$D_a$ min.	620 mm
$D_a$ max.	677 mm
$C_a$ min.	2.3 mm
$r_a$ max.	5 mm
Basic dynamic load rating C	4050 kN
Basic static load rating $C_0$	7800 kN
Fatigue load limit $P_u$	530 kN
Misalignment factor $k_1$	0.113
Operating clearance factor $k_2$	0.11
Mass bearing	215 kg