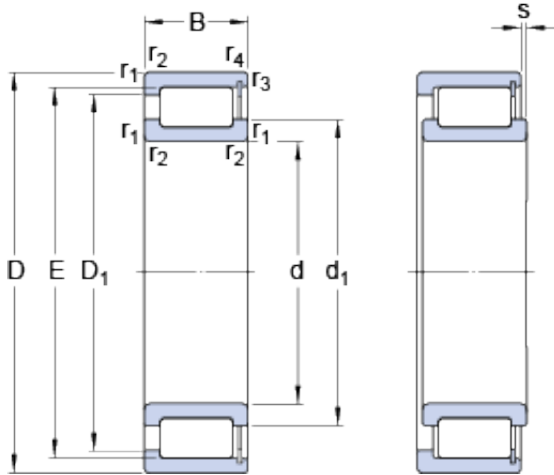




# NTN Bearing Manufacturing of Canada



180 mm x 280 mm x 74 mm SKF NCF 3036 CV cylindrical roller bearings

Bearing No. NCF 3036 CV

NCF 3036 CV Bearing 2D drawings and 3D CAD models

Size	280x180x74 mm
Bore Diameter	280 mm
Outer Diameter	180 mm
Width	74 mm
d	180 mm
D	280 mm
B	74 mm
d <sub>1</sub>	212 mm
D <sub>1</sub>	248 mm
E	260.22 mm
s	7 mm
r <sub>1,2</sub> - min.	2.1 mm
r <sub>3,4</sub> - min.	2.1 mm
d <sub>a</sub> - min.	192 mm
d <sub>as</sub>	206 mm
D <sub>a</sub> - max.	269 mm
D <sub>b</sub> - max.	269 mm
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	2 mm
Basic dynamic load rating - C	781 kN
Basic static load rating - C <sub>0</sub>	1250 kN
Fatigue load limit - P <sub>u</sub>	134 kN
Reference speed	1100 r/min
Limiting speed	1300 r/min



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Calculation factor - $k_r$	0.3
Calculation factor - e	0.3
Calculation factor - Y	0.4
$d_1$	212 mm
$D_1$	248 mm
s max.	7 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	2.1 mm
$d_a$ min.	192 mm
$d_{as}$	206 mm
$D_a$ max.	269 mm
$D_b$ max.	269 mm
$r_a$ max.	2 mm
$r_b$ max.	2 mm
Basic dynamic load rating C	781 kN
Basic static load rating $C_0$	1250 kN
Fatigue load limit $P_u$	134 kN
Calculation factor $k_r$	0.3
Calculation factor e	0.3
Calculation factor Y	0.4
Mass bearing	16.5 kg