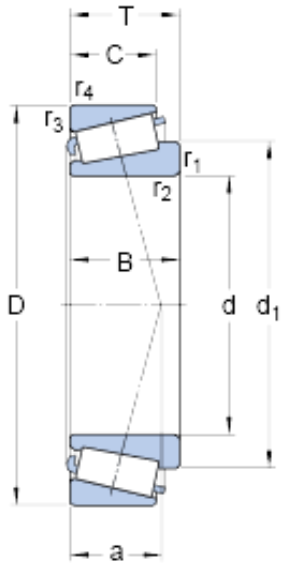




# BEARING USA CORP.

180 mm x 280 mm x 64 mm SKF 32036 X tapered roller bearings

Bearing No. 32036 X



32036 X Bearing 2D drawings and 3D CAD models

Size	280x180x64 mm
Bore Diameter	280 mm
Outer Diameter	180 mm
Width	64 mm
d	180 mm
D	280 mm
T	64 mm
d <sub>1</sub>	230.2 mm
B	64 mm
C	48 mm
r <sub>1,2</sub> - min.	3 mm
r <sub>3,4</sub> - min.	2.5 mm
a	59 mm
d <sub>a</sub> - max.	199 mm
d <sub>b</sub> - min.	192 mm
D <sub>a</sub> - min.	247 mm
D <sub>a</sub> - max.	268 mm
D <sub>b</sub> - min.	267 mm
C <sub>a</sub> - min.	10 mm
C <sub>b</sub> - min.	16 mm
r <sub>a</sub> - max.	3 mm
r <sub>b</sub> - max.	2.5 mm
Basic dynamic load rating - C	644 kN
Basic static load rating - C <sub>0</sub>	1160 kN



## BEARING USA CORP.

Fatigue load limit - $P_u$	110 kN
Reference speed	1600 r/min
Limiting speed	2200 r/min
Calculation factor - e	0.43
Calculation factor - Y	1.4
Calculation factor - $Y_0$	0.8
Category	Roller Bearings
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	14.325
EAN	7316577005793
Product Group	B04334
bore diameter:	180 mm
operating temperature range:	Maximum of +300 ° F
cup width:	48 mm
dynamic load capacity:	644 kN
assembly type:	Cone & Cup
static load capacity:	1160 kN
outside diameter:	280 mm
finish/coating:	Uncoated
cone width:	64 mm
maximum rpm:	2200 RPM
closure type:	Open
series:	320
cage material:	Steel
flange type:	Non-Flanged Cup
Dimension series	3FD
$d_1$	230.2 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	2.5 mm



## BEARING USA CORP.

$d_a$ max.	200 mm
$d_b$ min.	195.5 mm
$D_a$ min.	247 mm
$D_a$ max.	267 mm
$D_b$ min.	267 mm
$C_a$ min.	10 mm
$C_b$ min.	16 mm
$r_a$ max.	3 mm
$r_b$ max.	2.5 mm
Basic dynamic load rating C	793 kN
Basic static load rating $C_0$	1160 kN
Fatigue load limit $P_u$	110 kN
Calculation factor e	0.43
Calculation factor Y	1.4
Calculation factor $Y_0$	0.8
Mass bearing	14.2 kg