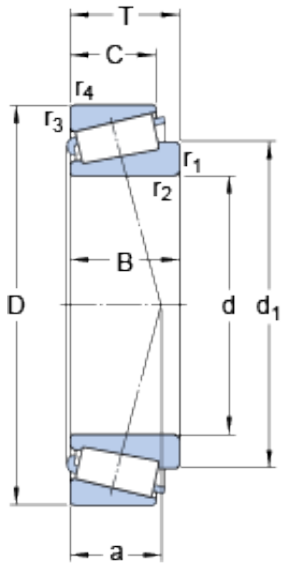




# BEARING FORGE OF AMERICA CORP.



120 mm x 180 mm x 48 mm skf 33024 bearing

Bearing No. 33024

33024 Bearing 2D drawings and 3D CAD models

Size	180x120x48 mm
Bore Diameter	180 mm
Outer Diameter	120 mm
Width	48 mm
d	120 mm
D	180 mm
T	48 mm
d <sub>1</sub>	149.38 mm
B	48 mm
C	38 mm
r <sub>1,2</sub> - min.	2.5 mm
r <sub>3,4</sub> - min.	2 mm
a	36 mm
d <sub>a</sub> - max.	132 mm
d <sub>b</sub> - min.	130 mm
D <sub>a</sub> - min.	160 mm
D <sub>a</sub> - max.	170 mm
D <sub>b</sub> - min.	171 mm
C <sub>a</sub> - min.	6 mm
C <sub>b</sub> - min.	10 mm
r <sub>a</sub> - max.	2.5 mm
r <sub>b</sub> - max.	2 mm
Basic dynamic load rating - C	292 kN
Basic static load rating - C <sub>0</sub>	540 kN
Fatigue load limit - P <sub>u</sub>	56 kN



## BEARING FORGE OF AMERICA CORP.

Reference speed	2600 r/min
Limiting speed	3400 r/min
Calculation factor - e	0.3
Calculation factor - Y	2
Calculation factor - Y <sub>0</sub>	1.1
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	4.267
EAN	7316577006325
Product Group	B04334
bore diameter:	120 mm
operating temperature range:	Maximum of +250 ° F
cup width:	38 mm
dynamic load capacity:	292 kN
assembly type:	Cone & Cup
static load capacity:	540 kN
outside diameter:	180 mm
finish/coating:	Uncoated
cone width:	48 mm
maximum rpm:	3400 RPM
closure type:	Open
series:	330
cage material:	Steel
flange type:	Non-Flanged Cup
Dimension series	2DE
d <sub>1</sub>	149.38 mm
r <sub>1,2</sub> min.	2.5 mm
r <sub>3,4</sub> min.	2 mm
d <sub>a</sub> max.	132 mm



## BEARING FORGE OF AMERICA CORP.

$d_b$ min.	133 mm
$D_a$ min.	160 mm
$D_a$ max.	169 mm
$D_b$ min.	171 mm
$C_a$ min.	6 mm
$C_b$ min.	10 mm
$r_a$ max.	2.5 mm
$r_b$ max.	2 mm
Basic dynamic load rating C	356 kN
Basic static load rating $C_0$	540 kN
Fatigue load limit $P_u$	56 kN
Calculation factor e	0.3
Calculation factor Y	2
Calculation factor $Y_0$	1.1
Mass bearing	4.18 kg