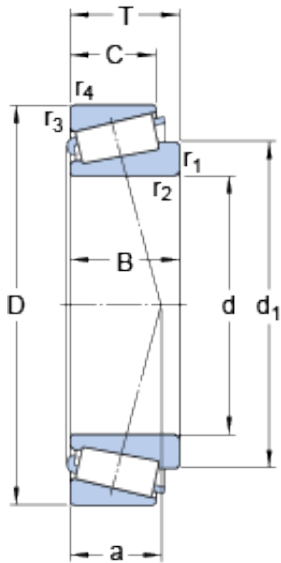




BEARING FORGE OF AMERICA CORP.



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 ₁	149.38 mm
B	48 mm
C	38 mm
r _{1,2} - min.	2.5 mm
r _{3,4} - min.	2 mm
a	36 mm
d _a - max.	132 mm
d _b - min.	130 mm
D _a - min.	160 mm
D _a - max.	170 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	292 kN
Basic static load rating - C ₀	540 kN
Fatigue load limit - P _u	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 ₀	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 ₁	149.38 mm
r _{1,2} min.	2.5 mm
r _{3,4} min.	2 mm
d _a 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