



Bearing No. 33024

T	48 mm
a	36 mm
C	38 mm
B	48 mm
d	120 mm
D	180 mm
series:	330
Category	Roller Bearings
Size (mm)	180x120x48
Inventory	0.0
Width (mm)	48
cup width:	38 mm
cone width:	48 mm
flange type:	Non-Flanged Cup
maximum rpm:	3400 RPM
Mass bearing	4.18 kg
d ₁	149.38 mm
closure type:	Open
Product Group	B04334
cage material:	Steel
Limiting speed	3400 r/min
assembly type:	Cone & Cup
bore diameter:	120 mm
Bearing number	33024
finish/coating:	Uncoated
Reference speed	2600 r/min
Dimension series	2DE
Weight / Kilogram	4.267
Manufacturer Name	SKF
outside diameter:	180 mm

C_b min.	10 mm
d_a max.	132 mm
Bore Diameter (mm)	180
D_a max.	169 mm
D_b min.	171 mm
D_a min.	160 mm
C_a min.	6 mm
r_b max.	2 mm
d_b min.	133 mm
r_a max.	2.5 mm
Outer Diameter (mm)	120
C_a - min.	6 mm
Calculation factor Y	2
$r_{3,4}$ min.	2 mm
$r_{1,2}$ min.	2.5 mm
Calculation factor e	0.3
D_b - min.	171 mm
d_a - max.	132 mm
d_b - min.	130 mm
r_a - max.	2.5 mm
Minimum Buy Quantity	N/A
D_a - min.	160 mm
C_b - min.	10 mm
D_a - max.	170 mm
r_b - max.	2 mm
static load capacity:	540 kN
d_1 ?	149.38 mm
$r_{3,4}$ - min.	2 mm
$r_{1,2}$ - min.	2.5 mm
dynamic load capacity:	292 kN
Calculation factor - Y	2
Calculation factor - e	0.3

Basic dynamic load rating C	356 kN
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	292 kN
Fatigue load limit P_u	56 kN
Calculation factor Y_0	1.1
Fatigue load limit - P_u	56 kN
Calculation factor - Y_0	1.1
Basic static load rating C_0	540 kN
Basic static load rating - C_0	540 kN