



Bearing No. 33014

T	31 mm
a	23 mm
C	25.5 mm
B	31 mm
d	70 mm
D	110 mm
series:	330
Category	Roller Bearings
Size (mm)	110x70x31
Inventory	0.0
Width (mm)	31
cup width:	25.5 mm
cone width:	31 mm
flange type:	Non-Flanged Cup
maximum rpm:	5600 RPM
Mass bearing	1.07 kg
d ₁	88.95 mm
closure type:	Open
Product Group	B04334
cage material:	Steel
Limiting speed	5600 r/min
assembly type:	Cone & Cup
bore diameter:	70 mm
Bearing number	33014
finish/coating:	Uncoated
Reference speed	4300 r/min
Dimension series	2CE
Weight / Kilogram	1.129
Manufacturer Name	SKF
outside diameter:	110 mm

C_b min.	5.5 mm
d_a max.	78 mm
Bore Diameter (mm)	110
D_a max.	101.5 mm
D_b min.	105 mm
D_a min.	99 mm
C_a min.	5 mm
r_b max.	1.5 mm
d_b min.	79.5 mm
r_a max.	1.5 mm
Outer Diameter (mm)	70
C_a - min.	5 mm
Calculation factor Y	2.1
$r_{3,4}$ min.	1.5 mm
$r_{1,2}$ min.	1.5 mm
Calculation factor e	0.28
D_b - min.	105 mm
d_a - max.	78 mm
d_b - min.	77 mm
r_a - max.	1.5 mm
Minimum Buy Quantity	N/A
D_a - min.	98 mm
C_b - min.	6 mm
D_a - max.	103 mm
r_b - max.	1.5 mm
static load capacity:	196 kN
d_1 ?	88.95 mm
$r_{3,4}$ - min.	1.5 mm
$r_{1,2}$ - min.	1.5 mm
dynamic load capacity:	130 kN
Calculation factor - Y	2.1
Calculation factor - e	0.28

Basic dynamic load rating C	159 kN
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	130 kN
Fatigue load limit P_u	22.8 kN
Calculation factor Y_0	1.1
Fatigue load limit - P_u	22.8 kN
Calculation factor - Y_0	1.1
Basic static load rating C_0	196 kN
Basic static load rating - C_0	196 kN