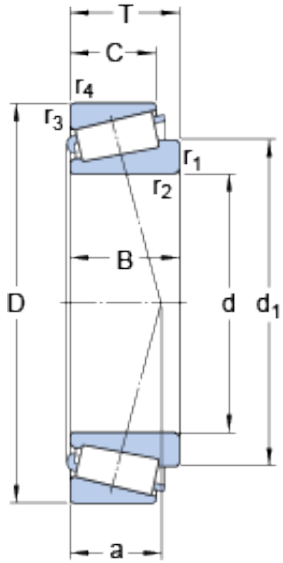




BROWNING BEARING COMPANY



33014 Bearing 2D drawings and 3D CAD models

70 mm x 110 mm x 31 mm skf 33014 bearing

Bearing No. 33014

Size	110x70x31 mm
Bore Diameter	110 mm
Outer Diameter	70 mm
Width	31 mm
d	70 mm
D	110 mm
T	31 mm
d ₁	88.95 mm
B	31 mm
C	25.5 mm
r _{1,2} - min.	1.5 mm
r _{3,4} - min.	1.5 mm
a	23 mm
d _a - max.	78 mm
d _b - min.	77 mm
D _a - min.	98 mm
D _a - max.	103 mm
D _b - min.	105 mm
C _a - min.	5 mm
C _b - min.	6 mm
r _a - max.	1.5 mm
r _b - max.	1.5 mm
Basic dynamic load rating - C	130 kN
Basic static load rating - C ₀	196 kN
Fatigue load limit - P _u	22.8 kN



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Reference speed	4300 r/min
Limiting speed	5600 r/min
Calculation factor - e	0.28
Calculation factor - Y	2.1
Calculation factor - Y ₀	1.1
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.129
EAN	7316577006240
Product Group	B04334
bore diameter:	70 mm
operating temperature range:	Maximum of +250 ° F
cup width:	25.5 mm
dynamic load capacity:	130 kN
assembly type:	Cone & Cup
static load capacity:	196 kN
outside diameter:	110 mm
finish/coating:	Uncoated
cone width:	31 mm
maximum rpm:	5600 RPM
closure type:	Open
series:	330
cage material:	Steel
flange type:	Non-Flanged Cup
Dimension series	2CE
d ₁	88.95 mm
r _{1,2} min.	1.5 mm
r _{3,4} min.	1.5 mm
d _a max.	78 mm



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d_b min.	79.5 mm
D_a min.	99 mm
D_a max.	101.5 mm
D_b min.	105 mm
C_a min.	5 mm
C_b min.	5.5 mm
r_a max.	1.5 mm
r_b max.	1.5 mm
Basic dynamic load rating C	159 kN
Basic static load rating C_0	196 kN
Fatigue load limit P_u	22.8 kN
Calculation factor e	0.28
Calculation factor Y	2.1
Calculation factor Y_0	1.1
Mass bearing	1.07 kg