



Bearing No. 31310 J2/QCL7C

B	27 mm
C	19 mm
a	33.669 mm
d	50 mm
D	110 mm
T	29.25 mm
series:	313
Category	Roller Bearings
Size (mm)	110x50x29.25
Inventory	0.0
cup width:	19 mm
Width (mm)	29,25
cone width:	27 mm
maximum rpm:	6000 RPM
flange type:	Non-Flanged Cup
Product Group	B04334
d ₁	81.5 mm
closure type:	Open
Bearing number	31310 J2/QCL7C
bore diameter:	50 mm
assembly type:	Cone & Cup
Limiting speed	6000 r/min
cage material:	Steel
finish/coating:	Uncoated
Reference speed	4500 r/min
Weight / Kilogram	1.25
bearing material:	Steel
outside diameter:	110 mm
Manufacturer Name	SKF
Bore Diameter (mm)	110

Outer Diameter (mm)	50
d_a - max.	62 mm
d_b - min.	60 mm
D_a - min.	87 mm
D_b - min.	104 mm
D_a - max.	100 mm
Minimum Buy Quantity	N/A
C_a - min.	4 mm
C_b - min.	10 mm
r_a - max.	2.5 mm
r_b - max.	2 mm
static load capacity:	120 kN
dynamic load capacity:	122 kN
Calculation factor - Y	0.72
Calculation factor - e	0.83
$r_{3,4}$ - min.	2 mm
$r_{1,2}$ - min.	2.5 mm
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	122 kN
Calculation factor - Y_0	0.4
Fatigue load limit - P_u	14.3 kN
Basic static load rating - C_0	120 kN