



Bearing No. 31312 J2/QCL7C

D	130 mm
d	60 mm
T	33.5 mm
B	31 mm
C	22 mm
a	39 mm
series:	313
Category	Roller Bearings
Inventory	0.0
Size (mm)	130x60x33.5
cup width:	22 mm
Width (mm)	33,5
cone width:	31 mm
flange type:	Non-Flanged Cup
maximum rpm:	5300 RPM
Product Group	B04334
closure type:	Open
d ₁	96 mm
bore diameter:	60 mm
assembly type:	Cone & Cup
cage material:	Steel
Limiting speed	5300 r/min
Bearing number	31312 J2/QCL7C
Reference speed	3600 r/min
finish/coating:	Uncoated
Weight / Kilogram	1.962
outside diameter:	130 mm
Manufacturer Name	SKF
Bore Diameter (mm)	130
Outer Diameter (mm)	60

D_b - min.	123 mm
d_a - max.	73 mm
d_b - min.	72 mm
D_a - min.	103 mm
D_a - max.	118 mm
Minimum Buy Quantity	N/A
C_a - min.	2 mm
C_b - min.	11.5 mm
r_a - max.	3 mm
r_b - max.	2.5 mm
static load capacity:	166 kN
$r_{1,2}$ - min.	3 mm
dynamic load capacity:	145 kN
Calculation factor - Y	0.72
Calculation factor - e	0.83
$r_{3,4}$ - min.	2.5 mm
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	145 kN
Fatigue load limit - P_u	20.4 kN
Calculation factor - Y_0	0.4
Basic static load rating - C_0	166 kN