



Bearing No. 31313 J2/QCL7C

D	140 mm
d	65 mm
T	36 mm
B	33 mm
C	23 mm
a	42 mm
series:	313
Category	Roller Bearings
Inventory	0.0
Size (mm)	140x65x36
cup width:	23 mm
Width (mm)	36
cone width:	33 mm
flange type:	Non-Flanged Cup
maximum rpm:	4800 RPM
Product Group	B04334
closure type:	Open
d <sub>1</sub>	103.5 mm
bore diameter:	65 mm
assembly type:	Cone & Cup
cage material:	Steel
Limiting speed	4800 r/min
Bearing number	31313 J2/QCL7C
Reference speed	3200 r/min
finish/coating:	Uncoated
Weight / Kilogram	2.37
outside diameter:	140 mm
Manufacturer Name	SKF
Bore Diameter (mm)	140
Outer Diameter (mm)	65

$D_b$ - min.	132 mm
$d_a$ - max.	79 mm
$d_b$ - min.	77 mm
$D_a$ - min.	111 mm
$D_a$ - max.	128 mm
Minimum Buy Quantity	N/A
$C_a$ - min.	5 mm
$C_b$ - min.	13 mm
$r_a$ - max.	3 mm
$r_b$ - max.	2.5 mm
static load capacity:	193 kN
$r_{1,2}$ - min.	3 mm
dynamic load capacity:	165 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	165 kN
Fatigue load limit - $P_u$	23.6 kN
Calculation factor - $Y_0$	0.4
Basic static load rating - $C_0$	193 kN