



Bearing No. 31308 J2/QCL7C

B	23 mm
C	17 mm
a	28 mm
d	40 mm
D	90 mm
T	25.25 mm
series:	313
Category	Roller Bearings
Size (mm)	90x40x25.25
Inventory	0.0
cup width:	17 mm
Width (mm)	25,25
cone width:	23 mm
maximum rpm:	7500 RPM
flange type:	Non-Flanged Cup
Product Group	B04334
d ₁	67.15 mm
closure type:	Open
Bearing number	31308 J2/QCL7C
bore diameter:	40 mm
assembly type:	Cone & Cup
Limiting speed	7500 r/min
cage material:	Steel
finish/coating:	Uncoated
Reference speed	5600 r/min
Weight / Kilogram	0.738
bearing material:	Steel
outside diameter:	90 mm
Manufacturer Name	SKF
Bore Diameter (mm)	90

Outer Diameter (mm)	40
d_a - max.	51 mm
d_b - min.	49 mm
D_a - min.	71 mm
D_b - min.	86 mm
D_a - max.	81 mm
Minimum Buy Quantity	N/A
C_a - min.	3 mm
C_b - min.	8 mm
r_a - max.	2 mm
r_b - max.	1.5 mm
static load capacity:	81.5 kN
dynamic load capacity:	85 kN
Calculation factor - Y	0.72
Calculation factor - e	0.83
$r_{3,4}$ - min.	1.5 mm
$r_{1,2}$ - min.	2 mm
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	85 kN
Calculation factor - Y_0	0.4
Fatigue load limit - P_u	9.5 kN
Basic static load rating - C_0	81.5 kN