



Bearing No. 31318 J2

D	190 mm
d	90 mm
T	46.5 mm
B	43 mm
C	30 mm
a	57.28 mm
series:	313
Category	Roller Bearings
Inventory	0.0
Size (mm)	190x90x46.5
cup width:	30 mm
Width (mm)	46,5
cone width:	43 mm
flange type:	Non-Flanged Cup
maximum rpm:	3400 RPM
Product Group	B04334
closure type:	Open
d ₁	138.88 mm
bore diameter:	90 mm
assembly type:	Cone & Cup
cage material:	Steel
Limiting speed	3400 r/min
Bearing number	31318 J2
Reference speed	2400 r/min
finish/coating:	Uncoated
Weight / Kilogram	5.457
outside diameter:	190 mm
Manufacturer Name	SKF
Bore Diameter (mm)	190
Outer Diameter (mm)	90

D_b - min.	179 mm
d_a - max.	109 mm
d_b - min.	104 mm
D_a - min.	151 mm
D_a - max.	176 mm
Minimum Buy Quantity	N/A
C_a - min.	6 mm
C_b - min.	16.5 mm
r_a - max.	4 mm
r_b - max.	3 mm
static load capacity:	315 kN
$r_{1,2}$ - min.	4 mm
dynamic load capacity:	264 kN
Calculation factor - Y	0.72
Calculation factor - e	0.83
$r_{3,4}$ - min.	3 mm
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	264 kN
Fatigue load limit - P_u	35.5 kN
Calculation factor - Y_0	0.4
Basic static load rating - C_0	315 kN