



Bearing No. 30220 J2

C	29 mm
d	100 mm
D	180 mm
T	37 mm
B	34 mm
series:	302
Category	Roller Bearings
Inventory	0.0
Size (mm)	180x100x37
Width (mm)	37
cup width:	29 mm
cone width:	34 mm
maximum rpm:	3600 RPM
flange type:	Non-Flanged Cup
closure type:	Open
C ₁	999.99 mm
D ₁	999.99 mm
Product Group	B04334
d ₁	134.48 mm
assembly type:	Cone & Cup
bore diameter:	100 mm
cage material:	Steel
Limiting speed	3600 r/min
Bearing number	30220 J2
Reference speed	2800 r/min
finish/coating:	Uncoated
Weight / Kilogram	3.698
outside diameter:	180 mm
Manufacturer Name	SKF
Bore Diameter (mm)	180

Outer Diameter (mm)	100
D_b - min.	168 mm
d_a - max.	116 mm
d_b - min.	113.5 mm
D_a - min.	157 mm
D_a - max.	168.5 mm
Minimum Buy Quantity	N/A
C_a - min.	5 mm
C_b - min.	8 mm
r_a - max.	3 mm
r_b - max.	2.5 mm
static load capacity:	320 kN
$r_{1,2}$ - min.	3 mm
dynamic load capacity:	246 kN
Calculation factor - Y	1.4
Calculation factor - e	0.43
$r_{3,4}$ - min.	2.5 mm
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	246 kN
Fatigue load limit - P_u	36 kN
Calculation factor - Y_0	0.8
Basic static load rating - C_0	320 kN