



Bearing No. 32221 J2

B	50 mm
C	43 mm
a	44 mm
d	105 mm
D	190 mm
T	53 mm
series:	322
Category	Roller Bearings
Size (mm)	190x105x53
Inventory	0.0
cup width:	43 mm
Width (mm)	53
cone width:	50 mm
maximum rpm:	3400 RPM
flange type:	Non-Flanged Cup
Product Group	B04334
d ₁	143.5 mm
closure type:	Open
Bearing number	32221 J2
bore diameter:	105 mm
assembly type:	Cone & Cup
Limiting speed	3400 r/min
cage material:	Steel
Reference speed	2600 r/min
finish/coating:	Uncoated
Weight / Kilogram	6.193
outside diameter:	190 mm
Manufacturer Name	SKF
Bore Diameter (mm)	190
Outer Diameter (mm)	105

d_a - max.	121 mm
d_b - min.	119 mm
D_a - min.	161 mm
D_b - min.	180 mm
D_a - max.	178.5 mm
Minimum Buy Quantity	N/A
r_a - max.	3 mm
r_b - max.	2.5 mm
C_b - min.	10 mm
C_a - min.	6 mm
static load capacity:	510 kN
abma precision rating:	Class 3
$r_{1,2}$ - min.	3 mm
$r_{3,4}$ - min.	2.5 mm
Calculation factor - Y	1.4
Calculation factor - e	0.43
dynamic load capacity:	358 kN
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	358 kN
Calculation factor - Y_0	0.8
Fatigue load limit - P_u	55 kN
Basic static load rating - C_0	510 kN