



Bearing No. 31319 J2

D	200 mm
d	95 mm
T	49.5 mm
B	45 mm
C	32 mm
a	60 mm
series:	313
Category	Roller Bearings
Inventory	0.0
Size (mm)	200x95x49.5
cup width:	32 mm
Width (mm)	49,5
cone width:	45 mm
flange type:	Non-Flanged Cup
maximum rpm:	3400 RPM
Product Group	B04334
closure type:	Open
d ₁	145.53 mm
bore diameter:	95 mm
assembly type:	Cone & Cup
cage material:	Steel
Limiting speed	3400 r/min
Bearing number	31319 J2
Reference speed	2400 r/min
finish/coating:	Uncoated
Weight / Kilogram	6.451
outside diameter:	200 mm
Manufacturer Name	SKF
Bore Diameter (mm)	200
Outer Diameter (mm)	95

D_b - min.	187 mm
d_a - max.	114 mm
d_b - min.	111 mm
D_a - min.	157 mm
D_a - max.	187.5 mm
Minimum Buy Quantity	N/A
C_a - min.	5 mm
C_b - min.	17.5 mm
r_a - max.	4 mm
r_b - max.	3 mm
static load capacity:	355 kN
$r_{1,2}$ - min.	4 mm
dynamic load capacity:	292 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	292 kN
Fatigue load limit - P_u	39 kN
Calculation factor - Y_0	0.4
Basic static load rating - C_0	355 kN