



Bearing No. 31317 J2

D	180 mm
d	85 mm
T	44.5 mm
B	41 mm
C	28 mm
a	54 mm
series:	313
Category	Roller Bearings
Inventory	0.0
Size (mm)	180x85x44.5
cup width:	28 mm
Width (mm)	44,5
cone width:	41 mm
flange type:	Non-Flanged Cup
maximum rpm:	3800 RPM
Product Group	B04334
closure type:	Open
d ₁	131.37 mm
bore diameter:	85 mm
assembly type:	Cone & Cup
cage material:	Steel
Limiting speed	3800 r/min
Bearing number	31317 J2
Reference speed	2600 r/min
finish/coating:	Uncoated
Weight / Kilogram	4.694
outside diameter:	180 mm
Manufacturer Name	SKF
Bore Diameter (mm)	180
Outer Diameter (mm)	85

D_b - min.	169 mm
d_a - max.	103 mm
d_b - min.	99 mm
D_a - min.	143 mm
D_a - max.	166 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:	285 kN
$r_{1,2}$ - min.	4 mm
dynamic load capacity:	242 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	242 kN
Fatigue load limit - P_u	32 kN
Calculation factor - Y_0	0.4
Basic static load rating - C_0	285 kN