



Bearing No. 32309 J2/Q

B	36 mm
C	30 mm
a	25 mm
d	45 mm
D	100 mm
T	38.25 mm
series:	323
Category	Roller Bearings
Size (mm)	100x45x38.25
Inventory	0.0
cup width:	30 mm
Width (mm)	38,25
cone width:	36 mm
maximum rpm:	7000 RPM
flange type:	Non-Flanged Cup
Product Group	B04334
d_1	71.1 mm
closure type:	Open
Bearing number	32309 J2/Q
bore diameter:	45 mm
assembly type:	Cone & Cup
Limiting speed	7000 r/min
cage material:	Steel
Reference speed	4800 r/min
finish/coating:	Uncoated
Weight / Kilogram	1.415
outside diameter:	100 mm
Manufacturer Name	SKF
Bore Diameter (mm)	100
Outer Diameter (mm)	45

d_a - max.	56 mm
d_b - min.	54 mm
D_a - min.	82 mm
D_b - min.	93 mm
D_a - max.	91 mm
Minimum Buy Quantity	N/A
r_a - max.	2 mm
r_b - max.	1.5 mm
C_b - min.	8 mm
C_a - min.	4 mm
static load capacity:	170 kN
abma precision rating:	Class 3
$r_{1,2}$ - min.	2 mm
$r_{3,4}$ - min.	1.5 mm
Calculation factor - Y	1.7
Calculation factor - e	0.35
dynamic load capacity:	140 kN
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	140 kN
Calculation factor - Y_0	0.9
Fatigue load limit - P_u	20.4 kN
Basic static load rating - C_0	170 kN