



Bearing No. 33109/Q

C	20.5 mm
a	19 mm
d	45 mm
D	80 mm
T	26 mm
B	26 mm
series:	331
Category	Roller Bearings
Inventory	0.0
Size (mm)	80x45x26
Width (mm)	26
cup width:	20.5 mm
cone width:	26 mm
flange type:	Non-Flanged Cup
maximum rpm:	8000 RPM
Product Group	B04334
d_1	63.05 mm
closure type:	Open
assembly type:	Cone & Cup
bore diameter:	45 mm
Limiting speed	8000 r/min
Bearing number	33109/Q
finish/coating:	Uncoated
Reference speed	6700 r/min
Weight / Kilogram	0.564
bearing material:	Steel
outside diameter:	80 mm
Manufacturer Name	SKF
Bore Diameter (mm)	80
Outer Diameter (mm)	45

r_b - max.	1.5 mm
d_a - max.	52 mm
d_b - min.	52 mm
D_a - min.	69 mm
D_a - max.	73 mm
Minimum Buy Quantity	N/A
D_b - min.	77 mm
C_a - min.	4 mm
C_b - min.	5.5 mm
r_a - max.	1.5 mm
static load capacity:	114 kN
dynamic load capacity:	96.5 kN
Calculation factor - Y	1.6
Calculation factor - e	0.37
$r_{3,4}$ - min.	1.5 mm
$r_{1,2}$ - min.	1.5 mm
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	96.5 kN
Calculation factor - Y_0	0.9
Fatigue load limit - P_u	12.9 kN
Basic static load rating - C_0	114 kN