



Bearing No. 33013/Q

D	100 mm
d	65 mm
T	27 mm
B	27 mm
C	21 mm
a	21 mm
series:	330
Category	Roller Bearings
Size (mm)	100x65x27
Inventory	0.0
Width (mm)	27
cup width:	21 mm
cone width:	27 mm
flange type:	Non-Flanged Cup
maximum rpm:	6300 RPM
Product Group	B04334
closure type:	Open
d ₁	82.65 mm
bore diameter:	65 mm
cage material:	Steel
assembly type:	Cone & Cup
Limiting speed	6300 r/min
Bearing number	33013/Q
Reference speed	5000 r/min
finish/coating:	Uncoated
Weight / Kilogram	0.776
bearing material:	Steel
outside diameter:	100 mm
Manufacturer Name	SKF
Bore Diameter (mm)	100

Outer Diameter (mm)	65
d_a - max.	72 mm
d_b - min.	72 mm
D_a - max.	93 mm
D_b - min.	96 mm
D_a - min.	89 mm
Minimum Buy Quantity	N/A
C_a - min.	5 mm
r_b - max.	1.5 mm
C_b - min.	6 mm
r_a - max.	1.5 mm
static load capacity:	153 kN
dynamic load capacity:	110 kN
Calculation factor - Y	1.7
$r_{3,4}$ - min.	1.5 mm
Calculation factor - e	0.35
$r_{1,2}$ - min.	1.5 mm
abma precision rating:	Class 3
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	110 kN
Calculation factor - Y_0	0.9
Fatigue load limit - P_u	17.3 kN
Basic static load rating - C_0	153 kN