



Bearing No. 33016/Q

D	125 mm
d	80 mm
T	36 mm
B	36 mm
C	29.5 mm
a	26 mm
series:	330
Category	Roller Bearings
Inventory	0.0
Size (mm)	125x80x36
cup width:	29.5 mm
Width (mm)	36
cone width:	36 mm
flange type:	Non-Flanged Cup
maximum rpm:	5000 RPM
Product Group	B04334
closure type:	Open
d ₁	102.3 mm
bore diameter:	80 mm
assembly type:	Cone & Cup
cage material:	Steel
Limiting speed	5000 r/min
Bearing number	33016/Q
Reference speed	3600 r/min
finish/coating:	Uncoated
Weight / Kilogram	1.648
outside diameter:	125 mm
Manufacturer Name	SKF
Bore Diameter (mm)	125
Outer Diameter (mm)	80

D_b - min.	119 mm
d_a - max.	90 mm
d_b - min.	87 mm
D_a - min.	112 mm
D_a - max.	117 mm
Minimum Buy Quantity	N/A
C_a - min.	6 mm
C_b - min.	6.5 mm
r_a - max.	1.5 mm
r_b - max.	1.5 mm
static load capacity:	285 kN
$r_{1,2}$ - min.	1.5 mm
dynamic load capacity:	168 kN
Calculation factor - Y	2.1
Calculation factor - e	0.28
$r_{3,4}$ - min.	1.5 mm
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	168 kN
Fatigue load limit - P_u	32 kN
Calculation factor - Y_0	1.1
Basic static load rating - C_0	285 kN