



Bearing No. 33018/Q

D	140 mm
d	90 mm
T	39 mm
B	39 mm
C	32.5 mm
a	27 mm
series:	330
Category	Roller Bearings
Inventory	1.0
Size (mm)	140x90x39
cup width:	32.5 mm
Width (mm)	39
cone width:	39 mm
flange type:	Non-Flanged Cup
maximum rpm:	4500 RPM
Product Group	B04334
closure type:	Open
d ₁	114 mm
bore diameter:	90 mm
assembly type:	Cone & Cup
cage material:	Steel
Limiting speed	4500 r/min
Bearing number	33018/Q
Reference speed	3200 r/min
finish/coating:	Uncoated
Weight / Kilogram	2.249
outside diameter:	140 mm
Manufacturer Name	SKF
Bore Diameter (mm)	140
Outer Diameter (mm)	90

D_b - min.	135 mm
d_a - max.	100 mm
d_b - min.	99 mm
D_a - min.	127 mm
D_a - max.	131 mm
Minimum Buy Quantity	N/A
C_a - min.	7 mm
C_b - min.	6.5 mm
r_a - max.	2 mm
r_b - max.	1.5 mm
static load capacity:	355 kN
$r_{1,2}$ - min.	2 mm
dynamic load capacity:	216 kN
Calculation factor - Y	2.2
Calculation factor - e	0.27
$r_{3,4}$ - min.	1.5 mm
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	216 kN
Fatigue load limit - P_u	39 kN
Calculation factor - Y_0	1.3
Basic static load rating - C_0	355 kN