



Bearing No. 30313 J2/Q

B	33 mm
d	65 mm
D	140 mm
T	36 mm
C	28 mm
a	28 mm
UNSPSC	31171516
series:	303
Category	Roller Bearings
Inventory	0.0
Size (mm)	140x65x36
cup width:	28 mm
Width (mm)	36
cone width:	33 mm
flange type:	Non-Flanged Cup
maximum rpm:	4800 RPM
closure type:	Open
d ₁	98.75 mm
Product Group	B04334
Bearing number	30313 J2/Q
bore diameter:	65 mm
assembly type:	Cone & Cup
Limiting speed	4800 r/min
cage material:	Steel
Reference speed	3600 r/min
finish/coating:	Uncoated
Weight / Kilogram	2.452
outside diameter:	140 mm
Manufacturer Name	SKF
Bore Diameter (mm)	140

Outer Diameter (mm)	65
d_a - max.	84 mm
d_b - min.	78 mm
D_a - min.	122 mm
D_b - min.	130 mm
D_a - max.	129 mm
C_a - min.	5 mm
C_b - min.	8 mm
r_a - max.	3 mm
Minimum Buy Quantity	N/A
r_b - max.	2.5 mm
static load capacity:	228 kN
abma precision rating:	Class 3
dynamic load capacity:	194 kN
Calculation factor - Y	1.7
Calculation factor - e	0.35
$r_{3,4}$ - min.	2.5 mm
$r_{1,2}$ - min.	3 mm
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	194 kN
Calculation factor - Y_0	0.9
Fatigue load limit - P_u	27.5 kN
Basic static load rating - C_0	228 kN