



Bearing No. 32040 X

T	70 mm
a	66 mm
C	53 mm
B	70 mm
d	200 mm
D	310 mm
series:	320
Category	Roller Bearings
Size (mm)	310x200x70
Inventory	0.0
Width (mm)	70
cup width:	53 mm
cone width:	70 mm
flange type:	Non-Flanged Cup
maximum rpm:	1900 RPM
Mass bearing	18.8 kg
d ₁	254.78 mm
closure type:	Open
Product Group	B04334
cage material:	Steel
Limiting speed	1900 r/min
assembly type:	Cone & Cup
bore diameter:	200 mm
Bearing number	32040 X
finish/coating:	Uncoated
Reference speed	1400 r/min
Dimension series	4FD
Weight / Kilogram	18.957
Manufacturer Name	SKF
outside diameter:	310 mm

C_b min.	17 mm
d_a max.	222 mm
Bore Diameter (mm)	310
D_a max.	296.5 mm
D_b min.	297 mm
D_a min.	273 mm
C_a min.	11 mm
r_b max.	2.5 mm
d_b min.	215.5 mm
r_a max.	3 mm
Outer Diameter (mm)	200
C_a - min.	11 mm
Calculation factor Y	1.4
$r_{3,4}$ min.	2.5 mm
$r_{1,2}$ min.	3 mm
Calculation factor e	0.43
D_b - min.	297 mm
d_a - max.	222 mm
d_b - min.	214 mm
r_a - max.	2.5 mm
Minimum Buy Quantity	N/A
D_a - min.	273 mm
C_b - min.	17 mm
D_a - max.	296 mm
r_b - max.	2.5 mm
static load capacity:	1370 kN
d_1 ?	254.78 mm
$r_{3,4}$ - min.	2.5 mm
$r_{1,2}$ - min.	3 mm
dynamic load capacity:	748 kN
Calculation factor - Y	1.4
Calculation factor - e	0.43

Basic dynamic load rating C	800 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	748 kN
Fatigue load limit P_u	127 kN
Calculation factor Y_0	0.8
Fatigue load limit - P_u	127 kN
Calculation factor - Y_0	0.8
Basic static load rating C_0	1370 kN
Basic static load rating - C_0	1370 kN