



Bearing No. 32032 X

T	51 mm
a	52 mm
C	38 mm
B	51 mm
d	160 mm
D	240 mm
series:	320
Category	Roller Bearings
Size (mm)	240x160x51
Inventory	0.0
Width (mm)	51
cup width:	38 mm
cone width:	51 mm
flange type:	Non-Flanged Cup
maximum rpm:	2400 RPM
Mass bearing	7.83 kg
d ₁	200.66 mm
closure type:	Open
Product Group	B04334
cage material:	Steel
Limiting speed	2400 r/min
assembly type:	Cone & Cup
bore diameter:	160 mm
Bearing number	32032 X
finish/coating:	Uncoated
Reference speed	1800 r/min
Dimension series	4EC
Weight / Kilogram	7.977
Manufacturer Name	SKF
outside diameter:	240 mm

C_b min.	13 mm
d_a max.	176 mm
Bore Diameter (mm)	240
D_a max.	227.5 mm
D_b min.	231 mm
D_a min.	213 mm
C_a min.	8 mm
r_b max.	2.5 mm
d_b min.	175 mm
r_a max.	3 mm
Outer Diameter (mm)	160
C_a - min.	8 mm
Calculation factor Y	1.3
$r_{3,4}$ min.	2.5 mm
$r_{1,2}$ min.	3 mm
Calculation factor e	0.46
D_b - min.	231 mm
d_a - max.	175 mm
d_b - min.	172 mm
r_a - max.	3 mm
Minimum Buy Quantity	N/A
D_a - min.	213 mm
C_b - min.	13 mm
D_a - max.	228 mm
r_b - max.	2.5 mm
static load capacity:	780 kN
d_1 ?	200.66 mm
$r_{3,4}$ - min.	2.5 mm
$r_{1,2}$ - min.	3 mm
dynamic load capacity:	429 kN
Calculation factor - Y	1.3
Calculation factor - e	0.46

Basic dynamic load rating C	532 kN
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	429 kN
Fatigue load limit P_u	76.5 kN
Calculation factor Y_0	0.7
Fatigue load limit - P_u	78 kN
Calculation factor - Y_0	0.7
Basic static load rating C_0	780 kN
Basic static load rating - C_0	780 kN