



### Bearing No. 33210/Q

D	90 mm
d	50 mm
T	32 mm
B	32 mm
C	24.5 mm
a	23 mm
series:	332
Category	Roller Bearings
Inventory	0.0
Size (mm)	90x50x32
cup width:	24.5 mm
Width (mm)	32
cone width:	32 mm
flange type:	Non-Flanged Cup
maximum rpm:	7000 RPM
Product Group	B04334
closure type:	Open
d <sub>1</sub>	70.8 mm
bore diameter:	50 mm
assembly type:	Cone & Cup
cage material:	Steel
Limiting speed	7000 r/min
Bearing number	33210/Q
Reference speed	5000 r/min
finish/coating:	Uncoated
Weight / Kilogram	0.875
outside diameter:	90 mm
Manufacturer Name	SKF
Bore Diameter (mm)	90
Outer Diameter (mm)	50

$D_b$ - min.	87 mm
$d_a$ - max.	57 mm
$d_b$ - min.	57 mm
$D_a$ - min.	77 mm
$D_a$ - max.	83 mm
Minimum Buy Quantity	N/A
$C_a$ - min.	5 mm
$C_b$ - min.	7.5 mm
$r_a$ - max.	1.5 mm
$r_b$ - max.	1.5 mm
static load capacity:	160 kN
$r_{1,2}$ - min.	1.5 mm
dynamic load capacity:	114 kN
Calculation factor - Y	1.5
Calculation factor - e	0.4
$r_{3,4}$ - min.	1.5 mm
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	114 kN
Fatigue load limit - $P_u$	18.3 kN
Calculation factor - $Y_0$	0.8
Basic static load rating - $C_0$	160 kN