



Bearing No. 32304 J2/Q

D	52 mm
d	20 mm
T	22.25 mm
B	21 mm
C	18 mm
a	14 mm
series:	323
Category	Roller Bearings
Inventory	11.0
Size (mm)	52x20x22.25
cup width:	18 mm
Width (mm)	22,25
cone width:	21 mm
flange type:	Non-Flanged Cup
maximum rpm:	14000 RPM
Product Group	B04334
closure type:	Open
d ₁	34.6 mm
bore diameter:	20 mm
assembly type:	Cone & Cup
cage material:	Steel
Limiting speed	14000 r/min
Bearing number	32304 J2/Q
Reference speed	10000 r/min
finish/coating:	Uncoated
Weight / Kilogram	0.242
outside diameter:	52 mm
Manufacturer Name	SKF
Bore Diameter (mm)	52
Outer Diameter (mm)	20

D_b - min.	47 mm
d_a - max.	27 mm
d_b - min.	27.5 mm
D_a - min.	43 mm
D_a - max.	45.5 mm
Minimum Buy Quantity	N/A
C_a - min.	3 mm
C_b - min.	4 mm
r_a - max.	1.5 mm
r_b - max.	1.5 mm
static load capacity:	45.5 kN
$r_{1,2}$ - min.	1.5 mm
dynamic load capacity:	44 kN
Calculation factor - Y	2
Calculation factor - e	0.3
$r_{3,4}$ - min.	1.5 mm
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	44 kN
Fatigue load limit - P_u	5 kN
Calculation factor - Y_0	1.1
Basic static load rating - C_0	45.5 kN