



Bearing No. 32205 BJ2/Q

D	52 mm
d	25 mm
T	19.25 mm
B	18 mm
C	15 mm
a	15.817 mm
series:	322
Category	Roller Bearings
Inventory	0.0
Size (mm)	52x25x19.25
cup width:	15 mm
Width (mm)	19,25
cone width:	18 mm
flange type:	Non-Flanged Cup
maximum rpm:	13000 RPM
Product Group	B04334
closure type:	Open
d ₁	41.5 mm
bore diameter:	25 mm
assembly type:	Cone & Cup
cage material:	Steel
Limiting speed	13000 r/min
Bearing number	32205 BJ2/Q
Reference speed	9500 r/min
finish/coating:	Uncoated
Weight / Kilogram	0.2
outside diameter:	52 mm
Manufacturer Name	SKF
Bore Diameter (mm)	52
Outer Diameter (mm)	25

D_b - min.	49 mm
d_a - max.	30 mm
d_b - min.	31 mm
D_a - min.	41 mm
D_a - max.	46 mm
Minimum Buy Quantity	N/A
C_a - min.	3 mm
C_b - min.	4 mm
r_a - max.	1 mm
r_b - max.	1 mm
static load capacity:	44 kN
$r_{1,2}$ - min.	1 mm
dynamic load capacity:	35.8 kN
Calculation factor - Y	1.05
Calculation factor - e	0.57
$r_{3,4}$ - min.	1 mm
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	35.8 kN
Fatigue load limit - P_u	4.6 kN
Calculation factor - Y_0	0.6
Basic static load rating - C_0	44 kN