



Bearing No. 33205/Q

C	18 mm
a	14 mm
d	25 mm
D	52 mm
T	22 mm
B	22 mm
series:	332
Category	Roller Bearings
Size (mm)	52x25x22
Inventory	6.0
cup width:	18 mm
Width (mm)	22
cone width:	22 mm
maximum rpm:	13000 RPM
flange type:	Non-Flanged Cup
Product Group	B04334
d ₁	38.7 mm
closure type:	Open
bore diameter:	25 mm
Limiting speed	13000 r/min
assembly type:	Cone & Cup
Bearing number	33205/Q
finish/coating:	Uncoated
Reference speed	9000 r/min
Manufacturer Name	SKF
outside diameter:	52 mm
Weight / Kilogram	0.231
Bore Diameter (mm)	52
Outer Diameter (mm)	25
C _b - min.	4 mm

Minimum Buy Quantity	N/A
r_a - max.	1 mm
d_a - max.	30 mm
d_b - min.	31 mm
D_a - min.	43 mm
D_a - max.	46 mm
D_b - min.	49 mm
C_a - min.	4 mm
r_b - max.	1 mm
static load capacity:	56 kN
Calculation factor - Y	1.7
$r_{3,4}$ - min.	1 mm
$r_{1,2}$ - min.	1 mm
dynamic load capacity:	47.3 kN
Calculation factor - e	0.35
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	47.3 kN
Calculation factor - Y_0	0.9
Fatigue load limit - P_u	6 kN
Basic static load rating - C_0	56 kN