



Bearing No. 33209/Q

D	85 mm
d	45 mm
T	32 mm
B	32 mm
C	25 mm
a	22 mm
series:	332
Category	Roller Bearings
Inventory	0.0
Size (mm)	85x45x32
cup width:	25 mm
Width (mm)	32
cone width:	32 mm
flange type:	Non-Flanged Cup
maximum rpm:	7500 RPM
Product Group	B04334
closure type:	Open
d ₁	65.35 mm
bore diameter:	45 mm
assembly type:	Cone & Cup
cage material:	Steel
Limiting speed	7500 r/min
Bearing number	33209/Q
Reference speed	5300 r/min
finish/coating:	Uncoated
Weight / Kilogram	0.814
outside diameter:	85 mm
Manufacturer Name	SKF
Bore Diameter (mm)	85
Outer Diameter (mm)	45

D_b - min.	81 mm
d_a - max.	52 mm
d_b - min.	52 mm
D_a - min.	72 mm
D_a - max.	78 mm
Minimum Buy Quantity	N/A
C_a - min.	5 mm
C_b - min.	7 mm
r_a - max.	1.5 mm
r_b - max.	1.5 mm
static load capacity:	143 kN
$r_{1,2}$ - min.	1.5 mm
dynamic load capacity:	108 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	108 kN
Fatigue load limit - P_u	16.3 kN
Calculation factor - Y_0	0.8
Basic static load rating - C_0	143 kN