



Bearing No. 30208 J2/Q

B	18 mm
a	16 mm
d	40 mm
D	80 mm
T	19.75 mm
C	16 mm
series:	302
Size (mm)	80x40x19.75
cup width:	16 mm
Width (mm)	19,75
cone width:	18 mm
flange type:	Non-Flanged Cup
maximum rpm:	8500 RPM
closure type:	Open
d ₁	57.55 mm
assembly type:	Cone & Cup
cage material:	Steel
bore diameter:	40 mm
Limiting speed	8500 r/min
Bearing number	30208 J2/Q
Reference speed	6300 r/min
finish/coating:	Uncoated
outside diameter:	80 mm
Bore Diameter (mm)	80
Outer Diameter (mm)	40
C _b - min.	3.5 mm
r _a - max.	1.5 mm
d _a - max.	49 mm
d _b - min.	47 mm
D _a - min.	69 mm

r_b - max.	1.5 mm
D_b - min.	74 mm
D_a - max.	73 mm
C_a - min.	3 mm
static load capacity:	68 kN
Calculation factor - Y	1.6
dynamic load capacity:	61.6 kN
Calculation factor - e	0.37
$r_{3,4}$ - min.	1.5 mm
$r_{1,2}$ - min.	1.5 mm
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	61.6 kN
Calculation factor - Y_0	0.9
Fatigue load limit - P_u	7.6 kN
Basic static load rating - C_0	68 kN