



Bearing No. 32309 BJ2/QCL7C

a	30 mm
d	45 mm
D	100 mm
T	38.25 mm
B	36 mm
C	30 mm
Category	Roller Bearings
Inventory	0.0
Size (mm)	100x45x38.25
Width (mm)	38,25
Product Group	B04334
d <sub>1</sub>	76.13 mm
Limiting speed	6700 r/min
Bearing number	32309 BJ2/QCL7C
Reference speed	4800 r/min
Weight / Kilogram	0
Manufacturer Name	SKF
Bore Diameter (mm)	100
Outer Diameter (mm)	45
d <sub>a</sub> - max.	55 mm
d <sub>b</sub> - min.	54 mm
Minimum Buy Quantity	N/A
D <sub>b</sub> - min.	94 mm
r <sub>b</sub> - max.	1.5 mm
r <sub>a</sub> - max.	2 mm
C <sub>b</sub> - min.	8 mm
C <sub>a</sub> - min.	5 mm
D <sub>a</sub> - max.	91 mm
D <sub>a</sub> - min.	76 mm
r <sub>1,2</sub> - min.	2 mm

Calculation factor - e	0.54
Calculation factor - Y	1.1
r <sub>3,4</sub> - min.	1.5 mm
Basic dynamic load rating - C	134 kN
Calculation factor - Y <sub>0</sub>	0.6
Fatigue load limit - P <sub>u</sub>	20 kN
Basic static load rating - C <sub>0</sub>	176 kN