



**Bearing No. 31311 J2/QCL7C**

a	37.053 mm
d	55 mm
D	120 mm
T	31.5 mm
B	29 mm
C	21 mm
Category	Roller Bearings
Inventory	0.0
Size (mm)	120x55x31.5
Width (mm)	31,5
Product Group	B04334
d <sub>1</sub>	88.4 mm
Limiting speed	5600 r/min
Bearing number	31311 J2/QCL7C
Reference speed	3800 r/min
Weight / Kilogram	1.51
Manufacturer Name	SKF
Bore Diameter (mm)	120
Outer Diameter (mm)	55
d <sub>a</sub> - max.	68 mm
d <sub>b</sub> - min.	65 mm
Minimum Buy Quantity	N/A
D <sub>b</sub> - min.	113 mm
r <sub>b</sub> - max.	2 mm
r <sub>a</sub> - max.	2.5 mm
C <sub>b</sub> - min.	10.5 mm
C <sub>a</sub> - min.	4 mm
D <sub>a</sub> - max.	110 mm
D <sub>a</sub> - min.	94 mm
r <sub>1,2</sub> - min.	2.5 mm

Calculation factor - e	0.83
Calculation factor - Y	0.72
r <sub>3,4</sub> - min.	2 mm
Basic dynamic load rating - C	121 kN
Calculation factor - Y <sub>0</sub>	0.4
Fatigue load limit - P <sub>u</sub>	16.6 kN
Basic static load rating - C <sub>0</sub>	137 kN