



### Bearing No. 32311 J2

B	43 mm
C	35 mm
a	29 mm
d	55 mm
D	120 mm
T	45.5 mm
series:	323
Category	Roller Bearings
Size (mm)	120x55x45.5
Inventory	0.0
cup width:	35 mm
Width (mm)	45,5
cone width:	43 mm
maximum rpm:	5600 RPM
flange type:	Non-Flanged Cup
Product Group	B04334
d <sub>1</sub>	84.6 mm
closure type:	Open
Bearing number	32311 J2
bore diameter:	55 mm
assembly type:	Cone & Cup
Limiting speed	5600 r/min
cage material:	Steel
finish/coating:	Uncoated
Reference speed	4000 r/min
Weight / Kilogram	2.35
bearing material:	Steel
outside diameter:	120 mm
Manufacturer Name	SKF
Bore Diameter (mm)	120

Outer Diameter (mm)	55
$d_a$ - max.	68 mm
$d_b$ - min.	65 mm
$D_a$ - min.	99 mm
$D_b$ - min.	11 mm
$D_a$ - max.	110 mm
Minimum Buy Quantity	N/A
$C_a$ - min.	5 mm
$C_b$ - min.	10.5 mm
$r_a$ - max.	2.5 mm
$r_b$ - max.	2 mm
static load capacity:	260 kN
dynamic load capacity:	216 kN
Calculation factor - Y	1.7
Calculation factor - e	0.35
$r_{3,4}$ - min.	2 mm
$r_{1,2}$ - min.	2.5 mm
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	198 kN
Calculation factor - $Y_0$	0.9
Fatigue load limit - $P_u$	28.5 kN
Basic static load rating - $C_0$	250 kN