



**Bearing No. E32311J**

C	35 mm
D	120 mm
a	13.1 mm
B	43 mm
T	45.5 mm
d	55 mm
r1	2 mm
Width	45.5 mm
Weight	2.35 Kg
r1 min.	2.5 mm
r2 min.	2 mm
S1 (min)	4 mm
S2 (min)	10.5 mm
Db (min)	111 mm
Da (min)	99 mm
db (max)	68 mm
da (min)	67 mm
Size (mm)	55x120x45.5
Bore Type	Cylindrical Bore
Enclosure	Open
Bore Size	55 mm
Width (mm)	45.5
Constant e	0.35
Load Center	13.1 mm
Cup ra (max)	2 mm
Configuration	Single Row
Cone ra (max)	2 mm
Bearing number	E32311J
Outside Diameter	120 mm
Bore Diameter (mm)	55

Static Load Rating	250,000 N
Dynamic Load Rating	200,000 N
Outer Diameter (mm)	120
Limiting Speed - Oil	4,500 rpm
Axial Load Factor Y1	1.74
Axial Load Factor Y0	0.96
Fillet Radius/Chamfer	2.5 mm
Calculation factor (e)	0.35
Limiting Speed - Grease	3,400 rpm
(Oil) Lubrication Speed	4500 r/min
Calculation factor (Y0)	0.96
(Grease) Lubrication Speed	3400 r/min
Basic static load rating (C0)	250000 kN
Basic dynamic load rating (C)	200000 kN