



**Bearing No. E32309J**

a	11.4 mm
D	100 mm
C	30 mm
B	36 mm
T	38.25 mm
d	45 mm
r1	1.5 mm
Width	38.3 mm
Weight	1.40 Kg
r1 min.	2 mm
r2 min.	1.5 mm
S2 (min)	8 mm
Category	Roller Bearings
Db (min)	93 mm
Da (min)	82 mm
db (max)	56 mm
da (min)	55 mm
S1 (min)	3 mm
Size (mm)	45x100x38.25
Bore Type	Cylindrical Bore
Bore Size	45 mm
Inventory	2.0
Enclosure	Open
Constant e	0.35
Width (mm)	38.25
Load Center	11.4 mm
Cup ra (max)	1.5 mm
Cone ra (max)	2 mm
Product Group	B04334
Configuration	Single Row

Bearing number	E32309J
Outside Diameter	100 mm
Weight / Kilogram	1.43
Manufacturer Name	NACHI
Bore Diameter (mm)	45
Static Load Rating	180,000 N
Dynamic Load Rating	146,000 N
Outer Diameter (mm)	100
Axial Load Factor Y1	1.74
Axial Load Factor Y0	0.96
Minimum Buy Quantity	N/A
Limiting Speed - Oil	5,500 rpm
Fillet Radius/Chamfer	2 mm
Calculation factor (e)	0.35
(Oil) Lubrication Speed	5500 r/min
Limiting Speed - Grease	4,100 rpm
Calculation factor (Y0)	0.96
(Grease) Lubrication Speed	4100 r/min
Basic static load rating (C0)	180000 kN
Basic dynamic load rating (C)	146000 kN