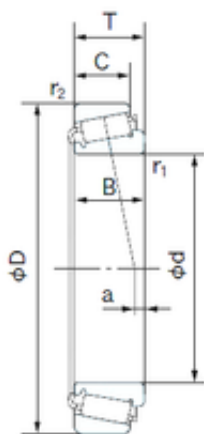




## Bearing Rolamentos do Brasil Ltda.



45 mm x 100 mm x 36 mm NACHI E32309J  
tapered roller bearings

Bearing No. E32309J

E32309J Bearing 2D drawings and 3D CAD models

Size	45x100x38.25 mm
Bore Diameter	45 mm
Outer Diameter	100 mm
Width	38.25 mm
d	45 mm
D	100 mm
T	38.25 mm
B	36 mm
C	30 mm
a	11.4 mm
r1 min.	2 mm
r2 min.	1.5 mm
Weight	1.40 Kg
Basic dynamic load rating (C)	146000 kN
Basic static load rating (C0)	180000 kN
(Grease) Lubrication Speed	4100 r/min
(Oil) Lubrication Speed	5500 r/min
Calculation factor (e)	0.35
Calculation factor (Y0)	0.96
Category	Roller Bearings
Inventory	2.0
Manufacturer Name	NACHI
Minimum Buy Quantity	N/A
Weight / Kilogram	1.43
Product Group	B04334



## Bearing Rolamentos do Brasil Ltda.

Bore Type	Cylindrical Bore
Configuration	Single Row
Enclosure	Open
Bore Size	45 mm
Outside Diameter	100 mm
Width	38.3 mm
Fillet Radius/Chamfer	2 mm
r1	1.5 mm
Load Center	11.4 mm
Dynamic Load Rating	146,000 N
Static Load Rating	180,000 N
Limiting Speed - Grease	4,100 rpm
Limiting Speed - Oil	5,500 rpm
Constant e	0.35
Axial Load Factor Y0	0.96
Axial Load Factor Y1	1.74
da (min)	55 mm
db (max)	56 mm
Da (min)	82 mm
Db (min)	93 mm
S1 (min)	3 mm
S2 (min)	8 mm
Cone ra (max)	2 mm
Cup ra (max)	1.5 mm