



Bearing No. E30220J

a	0.2 mm
D	180 mm
C	29 mm
B	34 mm
T	37 mm
d	100 mm
r1	2.5 mm
Width	37 mm
Weight	3.76 Kg
r1 min.	3 mm
r2 min.	2.5 mm
S2 (min)	8 mm
Category	Roller Bearings
Db (min)	168 mm
Da (min)	157 mm
db (max)	116 mm
da (min)	114 mm
S1 (min)	5 mm
Size (mm)	100x180x37
Bore Type	Cylindrical Bore
Bore Size	100 mm
Inventory	0.0
Enclosure	Open
Constant e	0.42
Width (mm)	37
Load Center	0.2 mm
Cup ra (max)	2 mm
Cone ra (max)	2.5 mm
Product Group	B04334
Configuration	Single Row

Bearing number	E30220J
Outside Diameter	180 mm
Weight / Kilogram	0
Manufacturer Name	NACHI
Bore Diameter (mm)	100
Static Load Rating	338,000 N
Dynamic Load Rating	258,000 N
Outer Diameter (mm)	180
Axial Load Factor Y1	1.43
Axial Load Factor Y0	0.79
Minimum Buy Quantity	N/A
Limiting Speed - Oil	2,800 rpm
Fillet Radius/Chamfer	3 mm
Calculation factor (e)	0.42
(Oil) Lubrication Speed	2800 r/min
Limiting Speed - Grease	2,100 rpm
Calculation factor (Y0)	0.79
(Grease) Lubrication Speed	2100 r/min
Basic static load rating (C0)	338000 kN
Basic dynamic load rating (C)	258000 kN