

# NTN NJ307E cylindrical roller bearings

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Size (mm)	320x180x112
Bore Diameter (mm)	320
Outer Diameter (mm)	180
Width (mm)	112
d	180 mm
D	320 mm
B	112 mm
d2	228 mm
D1	289 mm
s1	27.3 mm
r1,2 – min.	4 mm
da – min.	189 mm
da – max.	249 mm
Da – min.	271 mm
Da – max.	303 mm
Ca – min.	3.2 mm
ra – max.	3 mm
Basic dynamic load rating – C	1530 kN
Basic static load rating – C0	2200 kN
Fatigue load limit – Pu	193 kN
Reference speed	1500 r/min
Limiting speed	2000 r/min

Factor – k1	0.107
Factor – k2	0.104
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	42.3
EAN	7316571217888
Product Group	B04144
bore type:	Tapered 1:12
cage material:	Steel
bore diameter:	180 mm
outer ring width:	112 mm
outside diameter:	320 mm
fillet radius:	3 mm
overall width:	112 mm
precision rating:	Not Rated
closure type:	Open
lubrication holes:	No Holes
operating temperature range:	392 °F
manufacturer product page:	<a href="#">Click here</a>
dynamic load capacity:	1530 kN
manufacturer upc number:	7316571217888
static load capacity:	2200 kN
weight:	80.5 lbs
maximum rpm:	2000 rpm
d2 ≈	228 mm
D1 ≈	289 mm
s1 max.	27.3 mm
r1,2 min.	4 mm

Da min.	271 mm
Da max.	303 mm
Ca min.	3.2 mm
ra max.	3 mm
Basic dynamic load rating C	1530 kN
Basic static load rating C <sub>0</sub>	2200 kN
Fatigue load limit P <sub>u</sub>	193 kN
Misalignment factor k <sub>1</sub>	0.107
Operating clearance factor k <sub>2</sub>	0.104
Mass bearing	36.5 kg