



**105 mm x 225 mm x 49 mm SKF NJ 321 ECP
thrust ball bearings**

Bearing No. NJ 321 ECP

NJ 321 ECP Bearing 2D drawings and 3D CAD models

Size	225x105x49 mm
Bore Diameter	225 mm
Outer Diameter	105 mm
Width	49 mm
d	105 mm
D	225 mm
B	49 mm
d ₁	145 mm
D ₁	189 mm
F	133 mm
r _{1,2} - min.	3 mm
r _{3,4} - min.	3 mm
s	3.4 mm
d _a - min.	119 mm
d _a - max.	129 mm
d _b - min.	148 mm
D _a - max.	209.4 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	500 kN
Basic static load rating - C ₀	500 kN
Fatigue load limit - P _u	57 kN
Reference speed	3200 r/min
Limiting speed	3800 r/min
Calculation factor - k _r	0.15



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d_1	145 mm
D_1	189 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	3 mm
s max.	3.4 mm
d_a min.	119 mm
d_a max.	129 mm
d_b min.	148 mm
D_a max.	209.4 mm
r_a max.	2.5 mm
Basic dynamic load rating C	500 kN
Basic static load rating C_0	500 kN
Fatigue load limit P_u	57 kN
Calculation factor k_r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	9.07 kg