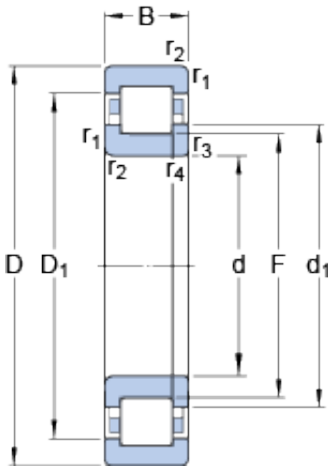




# SNR Bearing Argentina



105 mm x 190 mm x 36 mm SKF NUP 221 ECP  
thrust ball bearings

Bearing No. NUP 221 ECP

NUP 221 ECP Bearing 2D drawings and 3D CAD  
models

Size	190x105x36 mm
Bore Diameter	190 mm
Outer Diameter	105 mm
Width	36 mm
d	105 mm
D	190 mm
B	36 mm
d <sub>1</sub>	134 mm
D <sub>1</sub>	164 mm
F	125 mm
r <sub>1,2</sub> - min.	2.1 mm
r <sub>3,4</sub> - min.	2.1 mm
d <sub>a</sub> - min.	117 mm
d <sub>b</sub> - min.	137 mm
D <sub>a</sub> - max.	177.3 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	300 kN
Basic static load rating - C <sub>0</sub>	315 kN
Fatigue load limit - P <sub>u</sub>	36.5 kN
Reference speed	3800 r/min
Limiting speed	4300 r/min
Calculation factor - k <sub>r</sub>	0.15
d <sub>1</sub>	134 mm
D <sub>1</sub>	164.2 mm



## SNR Bearing Argentina

$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	2.1 mm
$d_a$ min.	117 mm
$d_b$ min.	137 mm
$D_a$ max.	177.3 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	300 kN
Basic static load rating $C_0$	315 kN
Fatigue load limit $P_u$	36.5 kN
Calculation factor $k_r$	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	4.19 kg