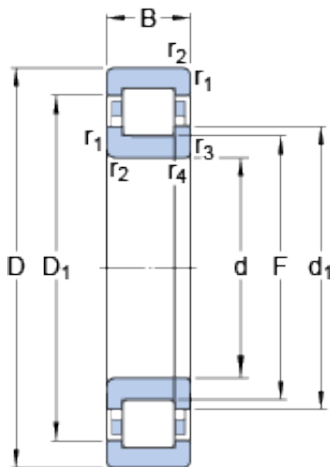




# PIE Bearing Technology Co., Ltd



NUP 211 ECM Bearing 2D drawings and 3D CAD models

## SKF NUP 211 ECM thrust ball bearings

Bearing No. NUP 211 ECM

Size	100x55x21 mm
Bore Diameter	100 mm
Outer Diameter	55 mm
Width	21 mm
d	55 mm
D	100 mm
B	21 mm
d <sub>1</sub>	70.8 mm
D <sub>1</sub>	85.6 mm
F	66 mm
r <sub>1,2</sub> - min.	1.5 mm
r <sub>3,4</sub> - min.	1.1 mm
d <sub>a</sub> - min.	63 mm
d <sub>b</sub> - min.	73 mm
D <sub>a</sub> - max.	91.4 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	96.5 kN
Basic static load rating - C <sub>0</sub>	95 kN
Fatigue load limit - P <sub>u</sub>	12.2 kN
Reference speed	7500 r/min
Limiting speed	8000 r/min
Calculation factor - k <sub>r</sub>	0.15
d <sub>1</sub>	70.8 mm
D <sub>1</sub>	85.6 mm
r <sub>1,2</sub> min.	1.5 mm



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$r_{3,4}$ min.	1.1 mm
$d_a$ min.	63 mm
$d_b$ min.	73 mm
$D_a$ max.	91.4 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	96.5 kN
Basic static load rating $C_0$	95 kN
Fatigue load limit $P_u$	12.2 kN
Calculation factor $k_r$	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.78 kg