



# IFB Roller Industry Co.,Ltd



NUP 2214 ECM Bearing 2D drawings and 3D CAD models

## SKF NUP 2214 ECM thrust ball bearings

Bearing No. NUP 2214 ECM

Size	125x70x31 mm
Bore Diameter	125 mm
Outer Diameter	70 mm
Width	31 mm
d	70 mm
D	125 mm
B	31 mm
d <sub>1</sub>	89.4 mm
D <sub>1</sub>	108.2 mm
F	83.5 mm
r <sub>1,2</sub> - min.	1.5 mm
r <sub>3,4</sub> - min.	1.5 mm
d <sub>a</sub> - min.	79 mm
d <sub>b</sub> - min.	92 mm
D <sub>a</sub> - max.	115.4 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	180 kN
Basic static load rating - C <sub>0</sub>	193 kN
Fatigue load limit - P <sub>u</sub>	25.5 kN
Reference speed	6000 r/min
Limiting speed	6300 r/min
Calculation factor - k <sub>r</sub>	0.2
d <sub>1</sub>	89.4 mm
D <sub>1</sub>	108.2 mm
r <sub>1,2</sub> min.	1.5 mm



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$r_{3,4}$ min.	1.5 mm
$d_a$ min.	79 mm
$d_b$ min.	92 mm
$D_a$ max.	115.4 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	180 kN
Basic static load rating $C_0$	193 kN
Fatigue load limit $P_u$	25.5 kN
Calculation factor $k_r$	0.2
Limiting value e	0.3
Axial load factor Y	0.4
Mass bearing	1.81 kg