



Bearing import and Export Co., Ltd



70 mm x 150 mm x 35 mm SKF NU 314 ECM/C3VL0241 cylindrical roller bearings

Bearing No. NU 314 ECM/C3VL0241

Size	150x70x35 mm
Bore Diameter	150 mm
Outer Diameter	70 mm
Width	35 mm
d	70 mm
D	150 mm
B	35 mm
D ₁	127 mm
F	89 mm
s	1.8 mm
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	2.1 mm
d _a - min.	82 mm
d _a - max.	86 mm
d _b - min.	91 mm
D _a - min.	130.6 mm
D _a - max.	138 mm
r _a - max.	2 mm
r _b - max.	2 mm
Basic dynamic load rating - C	209 kN
Basic static load rating - C ₀	228 kN
Fatigue load limit - P _u	29 kN
Reference speed	4300 r/min
Limiting speed	5600 r/min

NU 314 ECM/C3VL0241 Bearing 2D drawings and 3D CAD models



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Calculation factor - k_r	0.15
D_1	127 mm
s max.	1.8 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	2.1 mm
d_a min.	82 mm
d_a max.	86 mm
d_b min.	91 mm
D_a min.	130.6 mm
D_a max.	138 mm
r_a max.	2 mm
r_b max.	2 mm
Basic dynamic load rating C	209 kN
Basic static load rating C_0	228 kN
Fatigue load limit P_u	29 kN
Calculation factor k_r	0.15
Mass bearing	3.12 kg