



## 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 <sub>1</sub>	127 mm
F	89 mm
s	1.8 mm
r <sub>1,2</sub> - min.	2.1 mm
r <sub>3,4</sub> - min.	2.1 mm
d <sub>a</sub> - min.	82 mm
d <sub>a</sub> - max.	86 mm
d <sub>b</sub> - min.	91 mm
D <sub>a</sub> - min.	130.6 mm
D <sub>a</sub> - max.	138 mm
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	2 mm
Basic dynamic load rating - C	209 kN
Basic static load rating - C <sub>0</sub>	228 kN
Fatigue load limit - P <sub>u</sub>	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