



FML ske Manufacturing Co., Ltd



80 mm x 170 mm x 39 mm SKF NU 316 ECM/C3VL0241 cylindrical roller bearings

Bearing No. NU 316 ECM/C3VL0241

NU 316 ECM/C3VL0241 Bearing 2D drawings and 3D
CAD models

Size	170x80x39 mm
Bore Diameter	170 mm
Outer Diameter	80 mm
Width	39 mm
d	80 mm
D	170 mm
B	39 mm
D ₁	144 mm
F	101 mm
s	2.1 mm
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	2.1 mm
d _a - min.	92 mm
d _a - max.	98 mm
d _b - min.	104 mm
D _a - min.	148.5 mm
D _a - max.	158 mm
r _a - max.	2 mm
r _b - max.	2 mm
Basic dynamic load rating - C	264 kN
Basic static load rating - C ₀	290 kN
Fatigue load limit - P _u	36 kN
Reference speed	3800 r/min
Limiting speed	5000 r/min



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Calculation factor - k_r	0.15
D_1	144 mm
s max.	2.1 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	2.1 mm
d_a min.	92 mm
d_a max.	98 mm
d_b min.	104 mm
D_a min.	148.5 mm
D_a max.	158 mm
r_a max.	2 mm
r_b max.	2 mm
Basic dynamic load rating C	264 kN
Basic static load rating C_0	290 kN
Fatigue load limit P_u	36 kN
Calculation factor k_r	0.15
Mass bearing	4.61 kg