



# SKF BEARING LTD



## 50 mm x 90 mm x 20 mm SKF NU 210 ECM/C3VL0241 cylindrical roller bearings

Bearing No. NU 210 ECM/C3VL0241

NU 210 ECM/C3VL0241 Bearing 2D drawings and 3D CAD models

Size	90x50x20 mm
Bore Diameter	90 mm
Outer Diameter	50 mm
Width	20 mm
d	50 mm
D	90 mm
B	20 mm
D <sub>1</sub>	78 mm
F	59.5 mm
s	1.5 mm
r <sub>1,2</sub> - min.	1.1 mm
r <sub>3,4</sub> - min.	1.1 mm
d <sub>a</sub> - min.	57 mm
d <sub>a</sub> - max.	57 mm
d <sub>b</sub> - min.	62 mm
D <sub>a</sub> - min.	83 mm
D <sub>a</sub> - max.	83 mm
r <sub>a</sub> - max.	1 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	66 kN
Basic static load rating - C <sub>0</sub>	72 kN
Fatigue load limit - P <sub>u</sub>	9.2 kN
Reference speed	7500 r/min
Limiting speed	9000 r/min



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Calculation factor - $k_r$	0.15
$D_1$	78 mm
s max.	1.5 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	1.1 mm
$d_a$ min.	57 mm
$d_a$ max.	57 mm
$d_b$ min.	62 mm
$D_a$ min.	83 mm
$D_a$ max.	83 mm
$r_a$ max.	1 mm
$r_b$ max.	1 mm
Basic dynamic load rating C	66 kN
Basic static load rating $C_0$	72 kN
Fatigue load limit $P_u$	9.15 kN
Calculation factor $k_r$	0.15
Mass bearing	0.48 kg