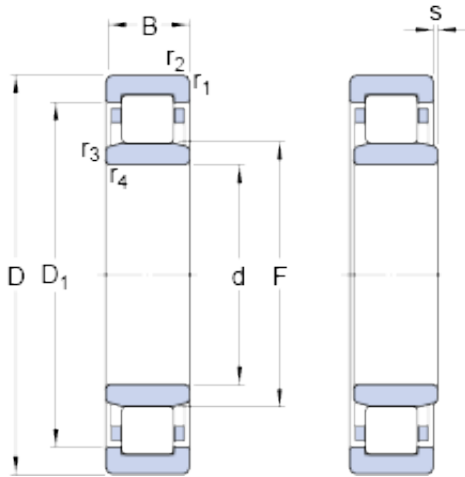




Shanghai Ruonan-Power Co., Ltd.



90 mm x 160 mm x 30 mm SKF NU 218 ECM/C3VL0241 cylindrical roller bearings

Bearing No. NU 218 ECM/C3VL0241

NU 218 ECM/C3VL0241 Bearing 2D drawings and 3D CAD models

Size	160x90x30 mm
Bore Diameter	160 mm
Outer Diameter	90 mm
Width	30 mm
d	90 mm
D	160 mm
B	30 mm
D ₁	140 mm
F	107 mm
s	1.8 mm
r _{1,2} - min.	2 mm
r _{3,4} - min.	2 mm
d _a - min.	101 mm
d _a - max.	104 mm
d _b - min.	110 mm
D _a - min.	144 mm
D _a - max.	149 mm
r _a - max.	2 mm
r _b - max.	2 mm
Basic dynamic load rating - C	187 kN
Basic static load rating - C ₀	224 kN
Fatigue load limit - P _u	28 kN
Reference speed	4300 r/min
Limiting speed	5000 r/min



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Calculation factor - k_r	0.15
D_1	140 mm
s max.	1.8 mm
$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	2 mm
d_a min.	101 mm
d_a max.	104 mm
d_b min.	110 mm
D_a min.	144 mm
D_a max.	149 mm
r_a max.	2 mm
r_b max.	2 mm
Basic dynamic load rating C	187 kN
Basic static load rating C_0	224 kN
Fatigue load limit P_u	28 kN
Calculation factor k_r	0.15
Mass bearing	2.75 kg