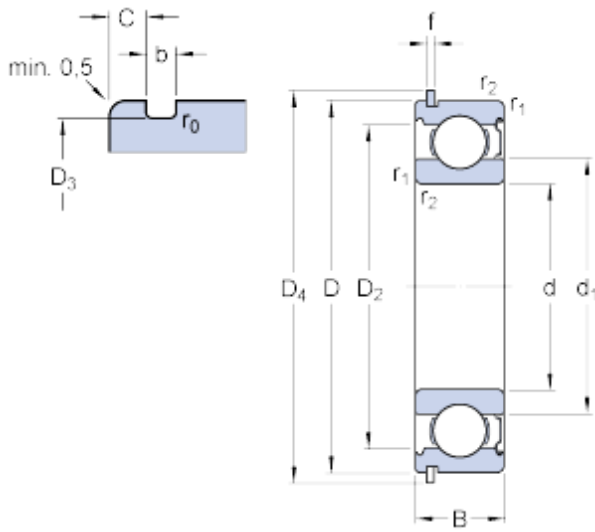




AMERICAN BEARING MFG.CORP.



20 mm x 42 mm x 12 mm SKF 6004-ZNR deep groove ball bearings

Bearing No. 6004-ZNR

Size	42x20x12 mm
Bore Diameter	42 mm
Outer Diameter	20 mm
Width	12 mm
d	20 mm
D	42 mm
B	12 mm
d ₁	27.2 mm
D ₂	37.19 mm
D ₃	39.75 mm
D ₄	46.3 mm
b	1.35 mm
C	2.06 mm
f	1.12 mm
r ₀	0.4 mm
r _{1,2} - min.	0.6 mm
d _a - min.	23.2 mm
d _a - max.	27.1 mm
D _a - max.	38.8 mm
D _b - min.	48 mm
b _a - min.	1.5 mm
C _a - max.	3.18 mm
r _a - max.	0.6 mm
Basic dynamic load rating - C	10 kN

6004-ZNR Bearing 2D drawings and 3D CAD models



AMERICAN BEARING MFG.CORP.

Basic static load rating - C_0	5 kN
Fatigue load limit - P_u	0.212 kN
Reference speed	38000 r/min
Limiting speed	24000 r/min
Calculation factor - k_r	0.025
Calculation factor - f_0	14
Mass bearing	0.069 kg
d_1	27.2 mm
D_2	37.19 mm
D_3	39.75 mm
D_4	46.3 mm
r_0 max.	0.4 mm
$r_{1,2}$ min.	0.6 mm
d_a min.	23.2 mm
d_a max.	27.1 mm
D_a max.	38.8 mm
D_b min.	48 mm
b_a min.	1.5 mm
C_a max.	3.18 mm
r_a max.	0.6 mm
Basic dynamic load rating C	9.95 kN
Basic static load rating C_0	5 kN
Fatigue load limit P_u	0.212 kN
Calculation factor k_r	0.025
Calculation factor f_0	14
Snap ring	SP 42