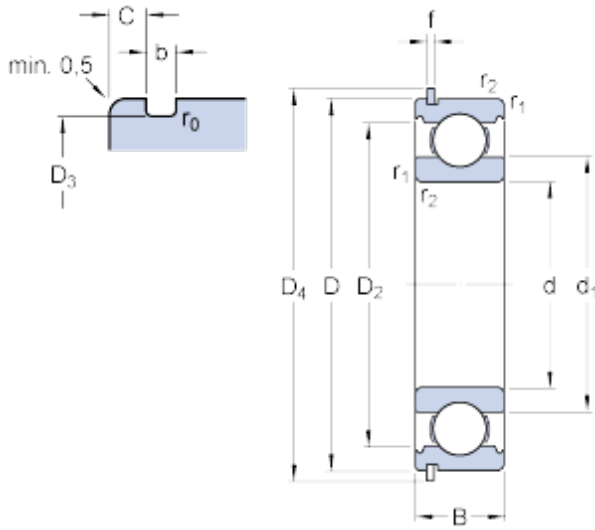




S.J.N. Machinery Co., Ltd.



17 mm x 47 mm x 14 mm SKF 6303 NR Deep groove ball bearings

Bearing No. 6303 NR

Size	47x17x14 mm
Bore Diameter	47 mm
Outer Diameter	17 mm
Width	14 mm
d	17 mm
D	47 mm
B	14 mm
d ₁	26.52 mm
D ₂	39.58 mm
D ₃	44.6 mm
D ₄	52.7 mm
b	1.35 mm
C	2.46 mm
f	1.12 mm
r ₀	0.4 mm
r _{1,2} - min.	1 mm
d _a - min.	22.6 mm
D _a - max.	41.4 mm
D _b - min.	54 mm
b _a - min.	1.5 mm
C _a - max.	3.58 mm
r _a - max.	1 mm
Basic dynamic load rating - C	14.3 kN
Basic static load rating - C ₀	6.6 kN

6303 NR Bearing 2D drawings and 3D CAD models



SJN Machinery Co., Ltd.

Fatigue load limit - P_u	0.275 kN
Reference speed	34000 r/min
Limiting speed	22000 r/min
Calculation factor - k_r	0.03
Calculation factor - f_0	12
Mass bearing	0.12 kg
d_1	26.52 mm
D_2	39.58 mm
D_3	44.6 mm
D_4	52.7 mm
r_0 max.	0.4 mm
$r_{1,2}$ min.	1 mm
d_a min.	22.6 mm
D_a max.	41.4 mm
D_b min.	54 mm
b_a min.	1.5 mm
C_a max.	3.58 mm
r_a max.	1 mm
Basic dynamic load rating C	14.3 kN
Basic static load rating C_0	6.55 kN
Fatigue load limit P_u	0.275 kN
Calculation factor k_r	0.03
Calculation factor f_0	12
Snap ring	SP 47