



NTN BEARING USA CORP.



50 mm x 110 mm x 27 mm skf 6310/HC5C3
Hybrid deep groove ball bearings, single row

Bearing No. 6310/HC5C3

6310/HC5C3 Bearing 2D drawings and 3D CAD models

Size	110x50x27 mm
Bore Diameter	110 mm
Outer Diameter	50 mm
Width	27 mm
d	50 mm
D	110 mm
B	27 mm
d ₁	68.76 mm
D ₂	95.2 mm
d _a - min.	61 mm
D _a - max.	99 mm
r _a - max.	2 mm
Basic dynamic load rating - C	65 kN
Basic static load rating - C ₀	38 kN
Fatigue load limit - P _u	1.6 kN
Reference speed	18000 r/min
Limiting speed	10000 r/min
Calculation factor - f ₀	13
d ₁	68.76 mm
D ₂	95.2 mm
r _{1,2} min.	2 mm
d _a min.	61 mm
D _a max.	99 mm
r _a max.	2 mm



NTN BEARING USA CORP.

Basic dynamic load rating C	65 kN
Basic static load rating C_0	38 kN
Fatigue load limit P_u	1.6 kN
Calculation factor k_f	0.025
Calculation factor f_0	13
Mass bearing	1.08 kg