



NTN BEARING CORP.OF America LTD.



6312/HC5C3 SKF Hybrid Deep Groove Ball Bearings

Bearing No. 6312/HC5C3

6312/HC5C3 Bearing 2D drawings and 3D CAD models

Size	130x60x31 mm
Bore Diameter	130 mm
Outer Diameter	60 mm
Width	31 mm
d	60 mm
D	130 mm
B	31 mm
d ₁	81.86 mm
D ₂	112 mm
d _a - min.	72 mm
D _a - max.	118 mm
r _a - max.	2 mm
Basic dynamic load rating - C	85.2 kN
Basic static load rating - C ₀	52 kN
Fatigue load limit - P _u	2.2 kN
Reference speed	15000 r/min
Limiting speed	8500 r/min
Calculation factor - f ₀	13.1
d ₁	81.86 mm
D ₂	112 mm
r _{1,2} min.	2.1 mm
d _a min.	72 mm
D _a max.	118 mm
r _a max.	2 mm



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Basic dynamic load rating C	85.2 kN
Basic static load rating C_0	52 kN
Fatigue load limit P_u	2.2 kN
Calculation factor k_f	0.025
Calculation factor f_0	13.1
Mass bearing	1.72 kg