



# NTN BEARING CORP.OF America LTD.



## 6314/HC5C3 SKF Hybrid Deep Groove Ball Bearings

Bearing No. 6314/HC5C3

6314/HC5C3 Bearing 2D drawings and 3D CAD models

Size	150x70x35 mm
Bore Diameter	150 mm
Outer Diameter	70 mm
Width	35 mm
d	70 mm
D	150 mm
B	35 mm
d <sub>1</sub>	94.95 mm
D <sub>2</sub>	130 mm
d <sub>a</sub> - min.	82 mm
D <sub>a</sub> - max.	138 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	111 kN
Basic static load rating - C <sub>0</sub>	68 kN
Fatigue load limit - P <sub>u</sub>	2.8 kN
Reference speed	13000 r/min
Limiting speed	7500 r/min
Calculation factor - f <sub>0</sub>	13.2
d <sub>1</sub>	94.95 mm
D <sub>2</sub>	130 mm
r <sub>1,2</sub> min.	2.1 mm
d <sub>a</sub> min.	82 mm
D <sub>a</sub> max.	138 mm
r <sub>a</sub> max.	2 mm



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Basic dynamic load rating C	111 kN
Basic static load rating $C_0$	68 kN
Fatigue load limit $P_u$	2.75 kN
Calculation factor $k_f$	0.025
Calculation factor $f_0$	13.2
Mass bearing	2.55 kg