



# DRIVESHAFT ANDERSON, INC.



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

## 6312/HC5C3 SKF Hybrid Deep Groove Ball Bearings

Bearing No. 6312/HC5C3

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