



DRIVESHAFT ANDERSON, INC.



6311/HC5C3 Bearing 2D drawings and 3D CAD models

6311/HC5C3 SKF Hybrid Deep Groove Ball Bearings

Bearing No. 6311/HC5C3

Size	120x55x29 mm
Bore Diameter	120 mm
Outer Diameter	55 mm
Width	29 mm
d	55 mm
D	120 mm
B	29 mm
d ₁	75.34 mm
D ₂	104 mm
d _a - min.	66 mm
D _a - max.	109 mm
r _a - max.	2 mm
Basic dynamic load rating - C	74.1 kN
Basic static load rating - C ₀	45 kN
Fatigue load limit - P _u	1.9 kN
Reference speed	17000 r/min
Limiting speed	9000 r/min
Calculation factor - f ₀	13.1
d ₁	75.34 mm
D ₂	104 mm
r _{1,2} min.	2 mm
d _a min.	66 mm
D _a max.	109 mm
r _a max.	2 mm



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Basic dynamic load rating C	74.1 kN
Basic static load rating C_0	45 kN
Fatigue load limit P_u	1.9 kN
Calculation factor k_f	0.025
Calculation factor f_0	13.1
Mass bearing	1.37 kg