



# BEARING CORP.OF AMERICA



## 6213/HC5C3 SKF Hybrid Deep Groove Ball Bearings

Bearing No. 6213/HC5C3

6213/HC5C3 Bearing 2D drawings and 3D CAD models

Size	120x65x23 mm
Bore Diameter	120 mm
Outer Diameter	65 mm
Width	23 mm
d	65 mm
D	120 mm
B	23 mm
d <sub>1</sub>	83.3 mm
D <sub>2</sub>	106 mm
d <sub>a</sub> - min.	74 mm
D <sub>a</sub> - max.	111 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	58.5 kN
Basic static load rating - C <sub>0</sub>	40.5 kN
Fatigue load limit - P <sub>u</sub>	1.7 kN
Reference speed	16000 r/min
Limiting speed	8500 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	14.7
d <sub>1</sub>	83.3 mm
D <sub>2</sub>	106 mm
r <sub>1,2</sub> min.	1.5 mm
d <sub>a</sub> min.	74 mm
D <sub>a</sub> max.	111 mm



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$r_a$ max.	1.5 mm
Basic dynamic load rating C	58.5 kN
Basic static load rating $C_0$	40.5 kN
Fatigue load limit $P_u$	1.73 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	14.7
Mass bearing	1.02 kg