



# NTN Bearing Manufacturing



## 6317/HC5C3 SKF Hybrid Deep Groove Ball Bearings

Bearing No. 6317/HC5C3

6317/HC5C3 Bearing 2D drawings and 3D CAD models

Size	180x85x41 mm
Bore Diameter	180 mm
Outer Diameter	85 mm
Width	41 mm
d	85 mm
D	180 mm
B	41 mm
d <sub>1</sub>	114.55 mm
D <sub>2</sub>	155 mm
r <sub>1,2</sub> - min.	3 mm
d <sub>a</sub> - min.	99 mm
D <sub>a</sub> - max.	166 mm
r <sub>a</sub> - max.	2.5 mm
Basic dynamic load rating - C	140 kN
Basic static load rating - C <sub>0</sub>	96.5 kN
Fatigue load limit - P <sub>u</sub>	3.6 kN
Reference speed	11000 r/min
Limiting speed	6000 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	13.3
d <sub>1</sub>	114.55 mm
D <sub>2</sub>	155 mm
r <sub>1,2</sub> min.	3 mm
d <sub>a</sub> min.	99 mm



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$D_a$ max.	166 mm
$r_a$ max.	2.5 mm
Basic dynamic load rating C	140 kN
Basic static load rating $C_0$	96.5 kN
Fatigue load limit $P_u$	3.55 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.3
Mass bearing	4.25 kg