



NTN BEARING CORP.OF America LTD.



6218/HC5C3 SKF Hybrid Deep Groove Ball Bearings

Bearing No. 6218/HC5C3

6218/HC5C3 Bearing 2D drawings and 3D CAD models

Size	160x90x30 mm
Bore Diameter	160 mm
Outer Diameter	90 mm
Width	30 mm
d	90 mm
D	160 mm
B	30 mm
d ₁	112.5 mm
D ₂	143 mm
d _a - min.	101 mm
D _a - max.	149 mm
r _a - max.	2 mm
Basic dynamic load rating - C	101 kN
Basic static load rating - C ₀	73.5 kN
Fatigue load limit - P _u	2.8 kN
Reference speed	12000 r/min
Limiting speed	6300 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	14.7
d ₁	112.5 mm
D ₂	143 mm
r _{1,2} min.	2 mm
d _a min.	101 mm
D _a max.	149 mm



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r_a max.	2 mm
Basic dynamic load rating C	101 kN
Basic static load rating C_0	73.5 kN
Fatigue load limit P_u	2.8 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.7
Mass bearing	1.96 kg