



NTN Bearing Manufacturing



6318/HC5C3 SKF Hybrid Deep Groove Ball Bearings

Bearing No. 6318/HC5C3

6318/HC5C3 Bearing 2D drawings and 3D CAD models

Size	190x90x43 mm
Bore Diameter	190 mm
Outer Diameter	90 mm
Width	43 mm
d	90 mm
D	190 mm
B	43 mm
d ₁	121.15 mm
D ₂	164 mm
r _{1,2} - min.	3 mm
d _a - min.	104 mm
D _a - max.	176 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	151 kN
Basic static load rating - C ₀	108 kN
Fatigue load limit - P _u	3.8 kN
Reference speed	10000 r/min
Limiting speed	5600 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13.3
d ₁	121.15 mm
D ₂	164 mm
r _{1,2} min.	3 mm
d _a min.	104 mm



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D_a max.	176 mm
r_a max.	2.5 mm
Basic dynamic load rating C	151 kN
Basic static load rating C_0	108 kN
Fatigue load limit P_u	3.8 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.3
Mass bearing	4.96 kg