



NTPT NTK BEARINGS CO.,LTD.



6314/Hybrid Deep Groove Ball Bearing 2D drawings and 3D CAD models

6314/Hybrid Deep Groove Ball Bearings

Bearing No. 6314/Hybrid

Size	150x70x35 mm
Bore Diameter	150 mm
Outer Diameter	70 mm
Width	35 mm
d	70 mm
D	150 mm
B	35 mm
d ₁	94.95 mm
D ₂	130 mm
d _a - min.	82 mm
D _a - max.	138 mm
r _a - max.	2 mm
Basic dynamic load rating - C	111 kN
Basic static load rating - C ₀	68 kN
Fatigue load limit - P _u	2.8 kN
Reference speed	13000 r/min
Limiting speed	7500 r/min
Calculation factor - f ₀	13.2
d ₁	94.95 mm
D ₂	130 mm
r _{1,2} min.	2.1 mm
d _a min.	82 mm
D _a max.	138 mm
r _a max.	2 mm



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Basic dynamic load rating C	111 kN
Basic static load rating C_0	68 kN
Fatigue load limit P_u	2.75 kN
Calculation factor k_r	0.025
Calculation factor f_0	13.2
Mass bearing	2.55 kg