



AMERICAN NTN BEARING CORP.



6313/Hybrid Deep Groove Ball Bearing 2D drawings and 3D CAD models

6313/Hybrid Deep Groove Ball Bearings

Bearing No. 6313/Hybrid

| | |
|---|--------------|
| Size | 140x65x33 mm |
| Bore Diameter | 140 mm |
| Outer Diameter | 65 mm |
| Width | 33 mm |
| d | 65 mm |
| D | 140 mm |
| B | 33 mm |
| d ₁ | 88.35 mm |
| D ₂ | 121 mm |
| d _a - min. | 77 mm |
| D _a - max. | 128 mm |
| r _a - max. | 2 mm |
| Basic dynamic load rating - C | 97.5 kN |
| Basic static load rating - C ₀ | 60 kN |
| Fatigue load limit - P _u | 2.5 kN |
| Reference speed | 14000 r/min |
| Limiting speed | 8000 r/min |
| Calculation factor - f ₀ | 13.2 |
| d ₁ | 88.35 mm |
| D ₂ | 121 mm |
| r _{1,2} min. | 2.1 mm |
| r _a max. | 2 mm |
| Basic dynamic load rating C | 97.5 kN |
| Basic static load rating C ₀ | 60 kN |



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| | |
|--------------------------|--------|
| Fatigue load limit P_u | 2.5 kN |
| Calculation factor k_r | 0.025 |
| Calculation factor f_0 | 13.2 |
| Mass bearing | 2.1 kg |