



# DRIVESHAFT ANDERSON, INC.



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 <sub>1</sub>	88.35 mm
D <sub>2</sub>	121 mm
d <sub>a</sub> - min.	77 mm
D <sub>a</sub> - max.	128 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	97.5 kN
Basic static load rating - C <sub>0</sub>	60 kN
Fatigue load limit - P <sub>u</sub>	2.5 kN
Reference speed	14000 r/min
Limiting speed	8000 r/min
Calculation factor - f <sub>0</sub>	13.2
d <sub>1</sub>	88.35 mm
D <sub>2</sub>	121 mm
r <sub>1,2</sub> min.	2.1 mm
r <sub>a</sub> max.	2 mm
Basic dynamic load rating C	97.5 kN
Basic static load rating C <sub>0</sub>	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