



# NTN Bearing Manufacturing



70 mm x 150 mm x 35 mm SKF 6314 M deep groove ball bearings

Bearing No. 6314 M

6314 M Bearing 2D drawings and 3D CAD models

Size	150x70x35 mm
Bore Diameter	150 mm
Outer Diameter	70 mm
Width	35 mm
d	70 mm
D	150 mm
B	35 mm
d <sub>1</sub>	94.95 mm
D <sub>2</sub>	129.9 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	82 mm
D <sub>a</sub> - max.	138 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	111 kN
Basic static load rating - C <sub>0</sub>	68 kN
Fatigue load limit - P <sub>u</sub>	2.8 kN
Reference speed	9500 r/min
Limiting speed	6300 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	13.2
d <sub>1</sub>	94.95 mm
D <sub>2</sub>	129.9 mm
r <sub>1,2</sub> min.	2.1 mm
d <sub>a</sub> min.	82 mm



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$D_a$ 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 $P_u$	2.75 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.2
Mass bearing	3.08 kg