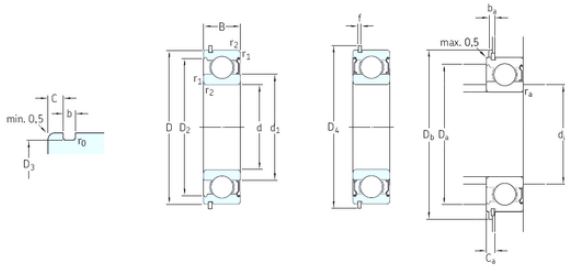




# BEARING ITALIA S.P.A

## 70 mm x 150 mm x 35 mm skf 6314-2ZNR Deep groove ball bearings



Bearing No. 6314-2ZNR

Size	70x150x35 mm
Bore Diameter	70 mm
Outer Diameter	150 mm
Width	35 mm
d	70 mm
D	150 mm
B	35 mm
C	35 mm
b	3,1 mm
d1	94,9 mm
f	2,82 mm
r0 max.	0,6 mm
r1 min.	2,1 mm
r2 min.	2,1 mm
C	4,9 mm
D2	130 mm
D3	145,25 mm
D4	159,7 mm
ba min.	7,72 mm
Ca max.	7,72 mm
da min.	3,5 mm
da max	94,9 mm
Da max.	138 mm
Db min.	162 mm
ra max.	2 mm

6314-2ZNR Bearing 2D drawings and 3D CAD models



## BEARING ITALIA S.P.A

Weight	2,65 Kg
Basic dynamic load rating (C)	111 kN
Basic static load rating (C0)	68 kN
Fatigue load limit (Pu)	2,75
Reference speed	9500 r/min
Limiting speed	6300 r/min
Calculation factor (f0)	13
d <sub>1</sub>	94.95 mm
D <sub>2</sub>	129.9 mm
D <sub>3</sub>	145.25 mm
D <sub>4</sub>	159.7 mm
r <sub>0</sub> max.	0.6 mm
r <sub>1,2</sub> min.	2.1 mm
d <sub>a</sub> min.	82 mm
d <sub>a</sub> max.	94.9 mm
D <sub>a</sub> max.	138 mm
D <sub>b</sub> min.	162 mm
b <sub>a</sub> min.	3.5 mm
C <sub>a</sub> max.	7.72 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>	2.75 kN
Calculation factor k <sub>r</sub>	0.03
Calculation factor f <sub>0</sub>	13.2
Mass bearing	2.66 kg
Snap ring	SP 150