



Bearing No. 6314N

D	150 mm
d	70 mm
B	35 mm
C	35 mm
a	4.9 mm
b	3.1 mm
r1	0.5 mm
D1	145.24 mm
Width	35 mm
Weight	2.52 Kg
r min.	2.1 mm
r1 min.	0.5 mm
a (max)	4.9 mm
da (min)	82 mm
Cy (max)	7.3 mm
Da (max)	138 mm
Dx (min)	162 mm
ra (max)	2 mm
Factor fo	13.2
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	70x150x35
Bore Size	70 mm
Width (mm)	35
Groove Width	3.1 mm
Configuration	Single Row
Bearing number	6314N
Groove Diameter	145.2 mm
Outside Diameter	150 mm
Radial Clearance	0.010 to 0.030 mm

Static Load Rating	68,000 N
Bore Diameter (mm)	70
Dynamic Load Rating	104,000 N
Outer Diameter (mm)	150
Limiting Speed - Oil	5,400 rpm
Fillet Radius/Chamfer	2.1 mm
Limiting Speed - Grease	4,600 rpm
(Grease) Lubrication Speed	4400 r/min
Basic static load rating (C0)	68 kN
Basic dynamic load rating (C)	104 kN