



Bearing No. 6312N

D	130 mm
d	60 mm
B	31 mm
C	31 mm
a	4.06 mm
b	3.1 mm
r1	0.5 mm
D1	125.22 mm
Width	31 mm
Weight	1.70 Kg
r min.	2.1 mm
r1 min.	0.5 mm
a (max)	4.1 mm
da (min)	72 mm
Cy (max)	6.5 mm
Da (max)	118 mm
Dx (min)	141.5 mm
ra (max)	2 mm
Factor fo	13.2
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	60x130x31
Bore Size	60 mm
Width (mm)	31
Groove Width	3.1 mm
Configuration	Single Row
Bearing number	6312N
Groove Diameter	125.2 mm
Outside Diameter	130 mm
Radial Clearance	0.008 to 0.028 mm

Static Load Rating	52,000 N
Bore Diameter (mm)	60
Dynamic Load Rating	82,000 N
Outer Diameter (mm)	130
Limiting Speed - Oil	6,300 rpm
Fillet Radius/Chamfer	2.1 mm
Limiting Speed - Grease	5,400 rpm
(Grease) Lubrication Speed	5100 r/min
Basic static load rating (C0)	52 kN
Basic dynamic load rating (C)	82 kN