



NTN-BOWER LTD.



60 mm x 130 mm x 31 mm NTN N312 JAPAN Bearing

Bearing No. N312

Size	60x113x31 mm
Bore Diameter	60 mm
Outer Diameter	113 mm
Width	31 mm
d	60 mm
D	130 mm
Ew	113 mm
B	31 mm
C	31 mm
r min.	2,1 mm
r1 min.	2,1 mm
J	84,2 mm
Weight	1,76 Kg
Basic dynamic load rating (C)	124 kN
Basic static load rating (C0)	126 kN
(Grease) Lubrication Speed	5 500 r/min
E	113 mm
F	77 mm
d1	84.2 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	1.79 kg
Dynamic load, C	124 kN
Static load, C0	126 kN

N312 Bearing 2D drawings and 3D CAD models



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Fatigue limit load, Cu	15.4 kN
Nlim (oil)	6,500 rpm
Nlim (grease)	5,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	5.09 Hz
Characteristic outer ring frequency, BPF0	4.86 Hz
Characteristic inner ring frequency, BRFI	7.14 Hz
da min	71 mm
Da max	119 mm
Db min	115 mm
Dc max	111 mm
ra max	2 mm
r1a max	2 mm
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.76
Product Group	B04144