

NTN EC-6305LLB deep groove ball bearings

We work closely with our NTN EC-6305LLB deep groove ball bearings manufacturing partners to bring the best value to customers.

d	220 mm
D	340 mm
B	118 mm
D1	303.4 mm
rs min	3 mm
Number of lubrication holes	3
b	14.1 mm
k	6 mm
e	0.31
Y1	2.18
Y2	3.25
Y0	2.13
Radial clearance class	C3
Mass	38.4 kg
Dynamic load, C	1,930 kN
Static load, C0	2,750 kN
Fatigue limit load, Cu	161 kN
Nref	1,200 rpm
Nlim	1,800 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	200 °C
Characteristic cage frequency, FTF	0.44 Hz

Characteristic rolling element frequency, BSF	7.94 Hz
Characteristic outer ring frequency, BPF ₀	10.1 Hz
Characteristic inner ring frequency, BRFI	12.9 Hz
da min	232.4 mm
Da max	327.6 mm
ra max	2.5 mm