



NTN Bearing Rolamentos do Brasil Ltda.

50 mm x 80 mm x 16 mm SNR 6010.NEE Single row deep groove ball bearings

Bearing No. 6010.NEE

d	50 mm
D	80 mm
B	16 mm
d1	59.7 mm
D1	74.4 mm
a min	2.29 mm
a max	2.49 mm
rs min	1 mm
rNs min	0.5 mm
D3 max	76.81 mm
b min	1.9 mm
b max	2.2 mm
r0 max	0.6 mm
Radial clearance class	CN
Mass	0.27 kg
Dynamic load, C	21.1 kN
Static load, C0	16.6 kN
Fatigue limit load, Cu	0.9 kN
f0	15.6
Nlim	4,800 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz

6010.NEE Bearing 2D drawings and 3D CAD models



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Characteristic rolling element frequency, BSF	7.37 Hz
Characteristic outer ring frequency, BPF0	6.07 Hz
Characteristic inner ring frequency, BRFI	7.93 Hz
da min	55 mm
da max	59.7 mm
Da max	75 mm
ra max	1 mm
rNa max	0.5 mm
Db min	88 mm