



NTN Bearing Rolamentos do Brasil Ltda.

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

Bearing No. 6010NRE

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
Ca min	3.89 mm
Ca max	4.19 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
D4 max	86.6 mm
f	1.65 mm
Snap ring reference	R80
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

6010NRE Bearing 2D drawings and 3D CAD models



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Min operating temperature, T _{min}	-20 ° C
Max operating temperature, T _{max}	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.37 Hz
Characteristic outer ring frequency, BPF0	6.07 Hz
Characteristic inner ring frequency, BRFI	7.93 Hz
d _a min	55 mm
d _a max	59.7 mm
D _a max	75 mm
r _a max	1 mm
r _{Na} max	0.5 mm
D _b min	88 mm