



NTN Bearing Rolamentos do Brasil Ltda.

50 mm x 80 mm x 16 mm NTN 6010CM Single row deep groove ball bearings

Bearing No. 6010CM

d	50 mm
D	80 mm
B	16 mm
rs min	1 mm
Radial clearance class	CM
Mass	0.26 kg
Dynamic load, C	21.8 kN
Static load, C ₀	16.6 kN
Fatigue limit load, C _u	0.75 kN
f ₀	15.5
N _{lim} (oil)	9,800 rpm
N _{lim} (grease)	8,400 rpm
Min operating temperature, T _{min}	-40 ° C
Max operating temperature, T _{max}	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.31 Hz
Characteristic outer ring frequency, BPF ₀	6.06 Hz
Characteristic inner ring frequency, BPF ₁	7.94 Hz
da min	55 mm
Da max	75 mm
ra max	1 mm

6010CM Bearing 2D drawings and 3D CAD models



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