



## NTN-SNR BEARING RULMENTI S.R.L.

45 mm x 100 mm x 25 mm SNR 30309.A Single row tapered roller bearings

Bearing No. 30309.A

30309.A Bearing 2D drawings and 3D CAD models

d	45 mm
D	100 mm
B	25 mm
C	22 mm
T	27.25 mm
d1	70.8 mm
a	21.4 mm
rs min	2 mm
r1s min	1.5 mm
e	0.35
Y2	1.74
Y0	0.96
Mass	0.98 kg
ISO 355 reference	T2FB045
Dynamic load, C	115 kN
Rating life coefficient, A2	1
Static load, C0	131 kN
Fatigue limit load, Cu	16 kN
Nref	5,100 rpm
Nlim	7,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz



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Characteristic rolling element frequency, BSF	5.27 Hz
Characteristic outer ring frequency, BPF0	6.57 Hz
Characteristic inner ring frequency, BRFI	9.43 Hz
da max	59 mm
db min	55 mm
Da min	86 mm
Da max	91.5 mm
Db min	93 mm
Ca min	3 mm
Cb min	5 mm
ra max	2 mm
r1a max	1.5 mm