



NTN-SNR BEARING RULMENTI S.R.L.

65 mm x 100 mm x 18 mm NTN 7017L1 Single row or matched pairs of angular contact ball bearings

Bearing No. 7017L1

d	65 mm
D	100 mm
B	18 mm
a	33 mm
Contact angle	30 °
rs min	1.1 mm
r1s min	0.6 mm
Mass	0.51 kg
Dynamic load, C	33.5 kN
Static load, C0	31.5 kN
Fatigue limit load, Cu	1.43 kN
Nlim (oil)	9,000 rpm
Nlim (grease)	6,700 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	7.9 Hz
Characteristic outer ring frequency, BPF0	9.36 Hz
Characteristic inner ring frequency, BPF1	11.64 Hz
da min	72 mm

7017L1 Bearing 2D drawings and 3D CAD models



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Da max	93 mm
Db max	95.5 mm
r1a max	0.6 mm
ra max	1 mm