



NTN-SNR BEARING RULMENTI S.R.L.

55 mm x 100 mm x 21 mm NTN NJ211EAT2X
Single row cylindrical roller bearings

Bearing No. NJ211EAT2X

d	55 mm
D	100 mm
B	21 mm
E	90 mm
F	66 mm
d1	70.8 mm
rs min	1.5 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass (without HJ ring)	0.69 kg
Dynamic load, C	102 kN
Static load, C0	98.5 kN
Nlim (oil)	8,900 rpm
Nlim (grease)	6,300 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.35 Hz
Characteristic outer ring frequency, BPF0	7.19 Hz
Characteristic inner ring frequency, BPF1	9.81 Hz
da min	61.5 mm

NJ211EAT2X Bearing 2D drawings and 3D CAD models



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da max	65 mm
dc min	73 mm
Da max	92 mm
ra max	1.5 mm
r1a max	1 mm