



NTN-SNR BEARING RULMENTI S.R.L.

90 mm x 160 mm x 30 mm SNR N.218.E.G15
Single row cylindrical roller bearings

Bearing No. N.218.E.G15

d	90 mm
D	160 mm
B	30 mm
E	145 mm
F	107 mm
d1	114.3 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	CN
Mass (without HJ ring)	2.37 kg
Dynamic load, C	183 kN
Static load, C0	220 kN
Fatigue limit load, Cu	25 kN
Nref	3,900 rpm
Nlim	5,100 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	6.48 Hz
Characteristic outer ring frequency, BPF0	7.22 Hz
Characteristic inner ring frequency, BPF1	9.78 Hz

N.218.E.G15 Bearing 2D drawings and 3D CAD models



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da min	99 mm
Da max	151 mm
Db min	147 mm
Dc max	143 mm
ra max	2 mm
r1a max	2 mm