

80 mm x 140 mm x 33 mm rs min SNR  
NJ.2216.E.G15 Single row Cylindrical roller  
bearing

Bearing No. NJ.2216.E.G15

d	80 mm
D	140 mm
B	33 mm
E	127.3 mm
F	95.3 mm
d1	101.5 mm
D1	122.9 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	CN
Mass (without HJ ring)	2.05 kg
Dynamic load, C	191 kN
Static load, C0	252 kN
Fatigue limit load, Cu	29.8 kN
Nref	3,400 rpm
Nlim	5,800 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.81 Hz
Characteristic outer ring frequency, BPF0	7.71 Hz

NJ.2216.E.G15 Bearing 2D drawings and 3D CAD models



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Characteristic inner ring frequency, BPFI	10.29 Hz
da min	89 mm
da max	94 mm
db min	97 mm
dc min	104 mm
Da max	131 mm
ra max	2 mm
r1a max	2 mm