



50,000 mm x 90,000 mm x 30,200 mm SNR
5210NRZZG15 angular contact ball bearings

Bearing No. 5210NRZZG15

5210NRZZG15 Bearing 2D drawings and 3D CAD models

Size	50x90x30.200 mm
Bore Diameter	50,000 mm
Outer Diameter	90,000 mm
Width	30,200 mm
d	50,000 mm
D	90,000 mm
B	30,200 mm
C	30,200 mm
d1	62 mm
D1	80.6 mm
a	45.5 mm
Contact angle	25 °
a min	3.07 mm
a max	3.28 mm
rs min	1.1 mm
rNs min	0.6 mm
D3 max	86.79 mm
b min	2.7 mm
b max	3 mm
r0 max	0.6 mm
D4 max	96.5 mm
f	2.41 mm
Snap ring reference	R 90
Radial clearance class	CN
Precision class	P0



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Mass	0.76 kg
Dynamic load, C	48.5 kN
Static load, C0	42.2 kN
Fatigue limit load, Cu	2.55 kN
f0	14.9
Nref	5,900 rpm
Nlim	5,600 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	5.45 Hz
Characteristic outer ring frequency, BPF0	4.19 Hz
Characteristic inner ring frequency, BPFI	5.81 Hz
da min	56.5 mm
da max	62 mm
Da max	83.5 mm
Ca min	5.43 mm
Ca max	5.74 mm
ra max	1 mm
rNa max	0.6 mm
Db min	97.9 mm