



Bearing Manufacturing of America



20,000 mm x 47,000 mm x 20,600 mm 20,000 mm x 47,000 mm x 20,600 mm SNR 5204ZZG15 angular contact ball bearings

Bearing No. 5204ZZG15

Size	20x47x20.600 mm
Bore Diameter	20,000 mm
Outer Diameter	47,000 mm
Width	20,600 mm
d	20,000 mm
D	47,000 mm
B	20,600 mm
C	20,600 mm
d1	28.8 mm
D1	41.9 mm
a	24.2 mm
Contact angle	25 °
rs min	1 mm
Radial clearance class	CN
Precision class	P0
Mass	0.14 kg
Dynamic load, C	19.1 kN
Static load, C0	12.5 kN
Fatigue limit load, Cu	0.81 kN
f0	13.7
Nref	12,000 rpm
Nlim	12,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature,	120 ° C

5204ZZG15 Bearing 2D drawings and 3D CAD models



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Tmax	
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.09 Hz
Characteristic outer ring frequency, BPF0	3.15 Hz
Characteristic inner ring frequency, BRFI	4.85 Hz
da min	25 mm
da max	28.8 mm
Da max	42 mm
ra max	1 mm