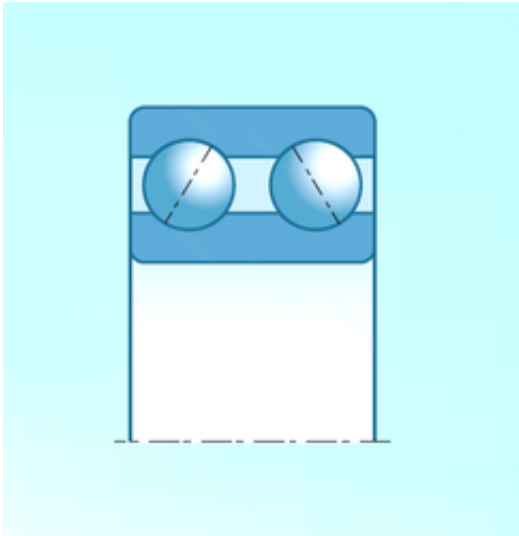




BEARING CORP.OF AMERICA



60,000 mm x 110,000 mm x 36,500 mm SNR
5212EEG15 Double row angular contact ball
bearings

Bearing No. 5212EEG15

5212EEG15 Bearing 2D drawings and 3D CAD models

| | |
|------------------------------------|------------------|
| Size | 60x110x36.500 mm |
| Bore Diameter | 60,000 mm |
| Outer Diameter | 110,000 mm |
| Width | 36,500 mm |
| d | 60,000 mm |
| D | 110,000 mm |
| B | 36,500 mm |
| C | 36,500 mm |
| d1 | 70 mm |
| D1 | 97.9 mm |
| a | 55.2 mm |
| Contact angle | 25 ° |
| rs min | 1.5 mm |
| Radial clearance class | CN |
| Precision class | P0 |
| Mass | 1.25 kg |
| Dynamic load, C | 67.2 kN |
| Static load, C0 | 61.5 kN |
| Fatigue limit load, Cu | 3.65 kN |
| f0 | 15.1 |
| Nlim | 4,000 rpm |
| Min operating temperature, Tmin | -20 ° C |
| Max operating temperature, Tmax | 120 ° C |
| | |



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| | |
|---|---------|
| Characteristic cage frequency, FTF | 0.42 Hz |
| Characteristic rolling element frequency, BSF | 5.81 Hz |
| Characteristic outer ring frequency, BPF0 | 4.66 Hz |
| Characteristic inner ring frequency, BPFI | 6.39 Hz |
| da min | 68 mm |
| da max | 70 mm |
| Da max | 102 mm |
| ra max | 1.5 mm |