

NTN SC08A37LLHPX1V3NT deep groove ball bearings

NTN SC08A37LLHPX1V3NT deep groove ball bearings Engineering 25x52x15 Size (mm) Calculator , Manufacturing Service . Get Your Free.

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|---------------------|----------|
| Size (mm) | 25x52x15 |
| Bore Diameter (mm) | 25 |
| Outer Diameter (mm) | 52 |
| Width (mm) | 15 |
| d | 25 mm |
| D | 52 mm |
| B | 15 mm |
| C | 15 mm |
| rn | 0,5 mm |
| a | 2,46 mm |
| b | 1,35 mm |
| f | 1,12 mm |
| r min. | 1 mm |
| r θ max. | 0,4 mm |
| D1 | 49,73 mm |
| D2 | 57,9 mm |
| da min. | 30 mm |
| da max | 32 mm |
| Da max. | 47 mm |
| ra max. | 1 mm |
| Dx | 58,5 mm |
| Cy | 3,3 mm |

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|------------------------------------|--------------|
| Cz | 1,2 mm |
| Weight | 0,128 Kg |
| Basic dynamic load rating (C) | 14 kN |
| Basic static load rating (C0) | 7,85 kN |
| (Grease) Lubrication Speed | 13 000 r/min |
| (Oil) Lubrication Speed | 15 000 r/min |
| a min | 2.31 mm |
| a max | 2.46 mm |
| Ca min | 3.33 mm |
| Ca max | 3.58 mm |
| rs min | 1 mm |
| rNs min | 0.5 mm |
| D3 max | 49.73 mm |
| b min | 1.35 mm |
| b max | 1.65 mm |
| r0 max | 0.4 mm |
| D4 max | 57.9 mm |
| Snap ring reference | R52 |
| Radial clearance class | CN |
| Mass | 0.13 kg |
| Dynamic load, C | 14 kN |
| Static load, C0 | 7.85 kN |
| Fatigue limit load, Cu | 0.36 kN |
| f0 | 13.9 |
| Nlim (oil) | 15,000 rpm |
| Nlim (grease) | 13,000 rpm |
| Min operating temperature, Tmin | -20 °C |
| Max operating temperature, Tmax | 120 °C |
| Characteristic cage frequency, FTF | 0.4 Hz |

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|---|-----------------|
| Characteristic rolling element frequency, BSF | 4.71 Hz |
| Characteristic outer ring frequency, BPF0 | 3.58 Hz |
| Characteristic inner ring frequency, BPI | 5.42 Hz |
| da min | 30 mm |
| Da max | 47 mm |
| ra max | 1 mm |
| rNa max | 0.5 mm |
| Db min | 58.5 mm |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.13 |
| EAN | 4547359563474 |
| Product Group | B00308 |
| Enclosure | Open |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | No |
| Rolling Element | Ball Bearing |
| Snap Ring | Yes |
| Internal Special Features | No |
| Cage Material | Steel |
| Internal Clearance | C0-Medium |
| Inch – Metric | Metric |

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|--------------------------|--|
| Long Description | 25MM Bore; 52MM Outside Diameter; 15MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Fil |
| Other Features | Deep Groove With Snap Ring |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |
| Manufacturer Item Number | 6205NR |
| Weight / LBS | 0.287 |
| Bore | 0.984 Inch 25 Millimeter |
| Outside Diameter | 2.047 Inch 52 Millimeter |
| Outer Race Width | 0.591 Inch 15 Millimeter |
| Inner Race Width | 0 Inch 0 Millimeter |
| bore diameter: | 25 mm |
| precision rating: | ISO Class 0 |
| outside diameter: | 52 mm |
| finish/coating: | Uncoated |
| overall width: | 15 mm |
| bearing material: | High Carbon Chrome Steel |
| bore type: | Round |
| cage material: | Steel |
| closure type: | Open |
| inner ring width: | 15 mm |
| row type & fill slot: | Single Row Non-Fill Slot |

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|------------------------------|----------------------------|
| outer ring width: | 15 mm |
| snap ring included: | With Snap Ring |
| maximum rpm (grease): | 13000 rpm |
| internal clearance: | CN |
| maximum rpm (oil): | 15000 rpm |
| operating temperature range: | -40 to 120 °C |
| fillet radius: | 1 mm |
| dynamic load capacity: | 14000 N |
| manufacturer product page: | Click here |
| static load capacity: | 7850 N |