

# ILJIN IJ112005 angular contact ball bearings

What is the 12x32x10 Size (mm) best place 12 Bore Diameter (mm) to buy ILJIN IJ112005 angular contact ball bearings online? Manufacturing 32 Outer Diameter (mm) Service .

|                     |          |
|---------------------|----------|
| Size (mm)           | 12x32x10 |
| Bore Diameter (mm)  | 12       |
| Outer Diameter (mm) | 32       |
| Width (mm)          | 10       |
| d                   | 12 mm    |
| D                   | 32 mm    |
| B                   | 10 mm    |
| C                   | 10 mm    |
| rn                  | 0,5 mm   |
| a                   | 2,06 mm  |
| b                   | 1,35 mm  |
| f                   | 1,12 mm  |
| r min.              | 0,6 mm   |
| r $\theta$ max.     | 0,4 mm   |
| D1                  | 30,15 mm |
| D2                  | 36,7 mm  |
| da min.             | 16 mm    |
| da max              | 17 mm    |
| Da max.             | 28 mm    |
| ra max.             | 0,6 mm   |
| Dx                  | 37,5 mm  |
| Cy                  | 2,9 mm   |

|                                    |              |
|------------------------------------|--------------|
| Cz                                 | 1,2 mm       |
| Weight                             | 0,037 Kg     |
| Basic dynamic load rating (C)      | 6,1 kN       |
| Basic static load rating (C0)      | 2,75 kN      |
| (Grease) Lubrication Speed         | 22 000 r/min |
| (Oil) Lubrication Speed            | 26 000 r/min |
| a min                              | 1.9 mm       |
| a max                              | 2.06 mm      |
| Ca min                             | 2.92 mm      |
| Ca max                             | 3.18 mm      |
| rs min                             | 0.6 mm       |
| rNs min                            | 0.5 mm       |
| D3 max                             | 30.15 mm     |
| b min                              | 1.35 mm      |
| b max                              | 1.65 mm      |
| r0 max                             | 0.4 mm       |
| D4 max                             | 36.7 mm      |
| Snap ring reference                | R32          |
| Radial clearance class             | CN           |
| Mass                               | 0.04 kg      |
| Dynamic load, C                    | 6.1 kN       |
| Static load, C0                    | 2.75 kN      |
| Fatigue limit load, Cu             | 0.13 kN      |
| f0                                 | 12.7         |
| Nlim (oil)                         | 26,000 rpm   |
| Nlim (grease)                      | 22,000 rpm   |
| Min operating temperature, Tmin    | -20 °C       |
| Max operating temperature, Tmax    | 120 °C       |
| Characteristic cage frequency, FTF | 0.37 Hz      |

|   |  |
|---|--|
| Characteristic rolling element frequency, BSF | 3.71 Hz  |
| Characteristic outer ring frequency, BPF0     | 2.62 Hz  |
| Characteristic inner ring frequency, BPII     | 4.38 Hz  |
| da min  | 16 mm  |
| Da max  | 28 mm  |
| ra max  | 0.6 mm   |
| rNa max                                       | 0.5 mm   |
| Db min  | 37.5 mm  |
| Inventory                                     | 0.0  |
| Manufacturer Name                             | NTN  |
| Minimum Buy Quantity                          | N/A  |
| Weight / Kilogram                             | 0.039  |
| EAN   | 4547359346633  |
| 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   |
| Long Description                              | 12MM Bore; 32MM Outside Diameter; 10MM 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     | 6201NR                       |
| Weight / LBS                 | 0.08598                      |
| Outer Race Width             | 0.394 Inch   10 Millimeter   |
| Inner Race Width             | 0 Inch   0 Millimeter        |
| Bore                         | 0.472 Inch   12 Millimeter   |
| Outside Diameter             | 1.26 Inch   32 Millimeter    |
| bore diameter:               | 12 mm                        |
| finish/coating:              | Uncoated                     |
| outside diameter:            | 32 mm                        |
| bearing material:            | High Carbon Chrome Steel     |
| overall width:               | 10 mm                        |
| cage material:               | Steel                        |
| bore type:                   | Round                        |
| inner ring width:            | 10 mm                        |
| closure type:                | Open                         |
| outer ring width:            | 10 mm                        |
| row type & fill slot:        | Single Row Non-Fill Slot     |
| maximum rpm (grease):        | 22000 rpm                    |
| snap ring included:          | With Snap Ring               |
| maximum rpm (oil):           | 26000 rpm                    |
| internal clearance:          | CN                           |
| fillet radius:               | 0.6 mm                       |
| operating temperature range: | -40 to 120 °C                |

|                            |                            |
|----------------------------|----------------------------|
| maximum rpm:               | 26000 RPM                  |
| dynamic load capacity:     | 6100 N                     |
| series:                    | 62                         |
| static load capacity:      | 2750 N                     |
| manufacturer product page: | <a href="#">Click here</a> |
| precision rating:          | ISO Class 0                |