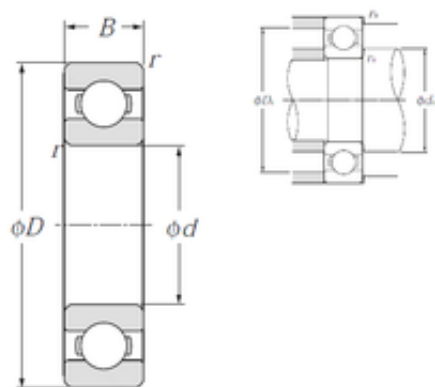




Bearing No. 6921

|              |                             |
|--------------|-----------------------------|
| D            | 145 mm                      |
| d            | 105 mm                      |
| B            | 20 mm                       |
| C            | 20 mm                       |
| f0           | 16.5                        |
| Mass         | 0.82 kg                     |
| Bore         | 4.134 Inch   105 Millimeter |
| Noun         | Bearing                     |
| Weight       | 0,816 Kg                    |
| rs min       | 1.1 mm                      |
| Da max       | 138.5 mm                    |
| da min       | 111.5 mm                    |
| UNSPSC       | 31171504                    |
| r min.       | 1,1 mm                      |
| ra max       | 1 mm                        |
| da max       | 115 mm                      |
| Da max.      | 138,5 mm                    |
| ra max.      | 1 mm                        |
| da min.      | 111,5 mm                    |
| series:      | 69                          |
| Category     | Single Row Ball Bearing     |
| Inventory    | 0.0                         |
| Enclosure    | Open                        |
| Size (mm)    | 105x145x20                  |
| Snap Ring    | No                          |
| Nlim (oil)   | 5,100 rpm                   |
| Width (mm)   | 20                          |
| bore type:   | Round                       |
| Weight / LBS | 1.8                         |
|              |                             |

|                   |                                                                                                                                                                                                       |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| maximum rpm:      | 5100 RPM                                                                                                                                                                                              |
| Cage Material     | Steel                                                                                                                                                                                                 |
| Nlim (grease)     | 4,300 rpm                                                                                                                                                                                             |
| closure type:     | Open                                                                                                                                                                                                  |
| Product Group     | B00308                                                                                                                                                                                                |
| Inch - Metric     | Metric                                                                                                                                                                                                |
| Bearing number    | 6921                                                                                                                                                                                                  |
| Other Features    | Deep Groove                                                                                                                                                                                           |
| Keyword String    | Ball                                                                                                                                                                                                  |
| bore diameter:    | 105 mm                                                                                                                                                                                                |
| overall width:    | 20 mm                                                                                                                                                                                                 |
| cage material:    | Steel                                                                                                                                                                                                 |
| fillet radius:    | 1.1 mm                                                                                                                                                                                                |
| Rolling Element   | Ball Bearing                                                                                                                                                                                          |
| finish/coating:   | Uncoated                                                                                                                                                                                              |
| Precision Class   | ABEC 1   ISO P0                                                                                                                                                                                       |
| Static load, C0   | 42 kN                                                                                                                                                                                                 |
| Dynamic load, C   | 42.5 kN                                                                                                                                                                                               |
| Manufacturer URL  | <a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>                                                                                                                                     |
| Long Description  | 105MM Bore; 145MM Outside Diameter; 20MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage |
| Outside Diameter  | 5.709 Inch   145 Millimeter                                                                                                                                                                           |
| Inner Race Width  | 0 Inch   0 Millimeter                                                                                                                                                                                 |
| Outer Race Width  | 0.787 Inch   20 Millimeter                                                                                                                                                                            |
| outer ring width: | 20 mm                                                                                                                                                                                                 |

|                               |                            |
|-------------------------------|----------------------------|
| inner ring width:             | 20 mm                      |
| bearing material:             | High Carbon Chrome Steel   |
| outside diameter:             | 145 mm                     |
| Weight / Kilogram             | 0.843                      |
| precision rating:             | Class 0                    |
| Manufacturer Name             | NTN                        |
| Bore Diameter (mm)            | 105                        |
| Internal Clearance            | C0-Medium                  |
| maximum rpm (oil):            | 5100 rpm                   |
| snap ring included:           | Without Snap Ring          |
| Outer Diameter (mm)           | 145                        |
| internal clearance:           | CN                         |
| Minimum Buy Quantity          | N/A                        |
| static load capacity:         | 42000 N                    |
| maximum rpm (grease):         | 4300 rpm                   |
| row type & fill slot:         | Single Row Non-Fill Slot   |
| Radial clearance class        | CN                         |
| dynamic load capacity:        | 42500 N                    |
| Harmonized Tariff Code        | 8482.10.50.68              |
| Fatigue limit load, Cu        | 1.71 kN                    |
| (Oil) Lubrication Speed       | 5 100 r/min                |
| Manufacturer Item Number      | 6921                       |
| Internal Special Features     | No                         |
| (Grease) Lubrication Speed    | 4 300 r/min                |
| manufacturer product page:    | <a href="#">Click here</a> |
| operating temperature range:  | -40 to 120 °C              |
| Basic static load rating (C0) | 42 kN                      |
|                               |                            |

|                                               |         |
|-----------------------------------------------|---------|
| Basic dynamic load rating (C)                 | 42,5 kN |
| Max operating temperature, Tmax               | 120 °C  |
| Min operating temperature, Tmin               | -20 °C  |
| Maximum Capacity / Filling Slot               | No      |
| Characteristic cage frequency, FTF            | 0.45 Hz |
| Characteristic inner ring frequency, BPFI     | 9.86 Hz |
| Characteristic outer ring frequency, BPF0     | 8.14 Hz |
| Characteristic rolling element frequency, BSF | 10.4 Hz |