



Bearing No. NU411

|               |                 |
|---------------|-----------------|
| F             | 77.2 mm         |
| E             | 117.2 mm        |
| d             | 55 mm           |
| D             | 140 mm          |
| B             | 33 mm           |
| C             | 33 mm           |
| Fw            | 77,2 mm         |
| db min        | 79 mm           |
| Da max        | 129 mm          |
| ra max        | 2 mm            |
| rs min        | 2.1 mm          |
| da max        | 76 mm           |
| da min        | 66 mm           |
| Weight        | 2,48 Kg         |
| r min.        | 2,1 mm          |
| series:       | NU              |
| r1 min.       | 2,1 mm          |
| r1s min       | 2.1 mm          |
| r1a max       | 2 mm            |
| flanges:      | (2) Outer Ring  |
| Category      | Roller Bearings |
| Size (mm)     | 55x140x33       |
| Inventory     | 0.0             |
| Width (mm)    | 33              |
| bore type:    | Straight        |
| Nlim (oil)    | 5,000 rpm       |
| maximum rpm:  | 5000 rpm        |
| closure type: | Open            |
| Nlim (grease) | 4,300 rpm       |
| Product Group | B04144          |
|               |                 |

|                               |                            |
|-------------------------------|----------------------------|
| overall width:                | 33 mm                      |
| fillet radius:                | 2 mm                       |
| cage material:                | Pressed Steel              |
| bore diameter:                | 55 mm                      |
| Bearing number                | NU411                      |
| Static load, C0               | 138 kN                     |
| finish/coating:               | Uncoated                   |
| Dynamic load, C               | 139 kN                     |
| number of rows:               | 1                          |
| ring separation:              | Separable Inner Ring       |
| bearing material:             | Hardened Alloy Steel       |
| outer ring width:             | 33 mm                      |
| Manufacturer Name             | NTN                        |
| Weight / Kilogram             | 2.461                      |
| precision rating:             | ISO Class 0                |
| outside diameter:             | 140 mm                     |
| Bore Diameter (mm)            | 55                         |
| Outer Diameter (mm)           | 140                        |
| internal clearance:           | CN                         |
| Minimum Buy Quantity          | N/A                        |
| static load capacity:         | 138000 N                   |
| Radial clearance class        | CN                         |
| Mass (without HJ ring)        | 2.5 kg                     |
| Fatigue limit load, Cu        | 16.8 kN                    |
| dynamic load capacity:        | 139000 N                   |
| (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) | 138 kN                     |
|                               |                            |

|                                               |         |
|-----------------------------------------------|---------|
| Basic dynamic load rating (C)                 | 139 kN  |
| Min operating temperature, Tmin               | -40 °C  |
| Max operating temperature, Tmax               | 120 °C  |
| Characteristic cage frequency, FTF            | 0.4 Hz  |
| Characteristic outer ring frequency, BPF0     | 4.37 Hz |
| Characteristic inner ring frequency, BPFI     | 6.63 Hz |
| Characteristic rolling element frequency, BSF | 4.65 Hz |