

# SKF W618/6 deep groove ball bearings

Welcome to 40 mm d the SKF W618/6 deep groove ball bearings online seller.

|   |           |
|---|-----------|
| d   | 40 mm     |
| D   | 90 mm     |
| B   | 23 mm     |
| rs min  | 1.5 mm    |
| Radial clearance class                        | C3        |
| Mass  | 0.63 kg   |
| Dynamic load, C                               | 40.5 kN   |
| Static load, C0                               | 24 kN     |
| Fatigue limit load, Cu                        | 1.09 kN   |
| f0  | 13.2      |
| Nlim (oil)                                    | 9,200 rpm |
| Nlim (grease)                                 | 7,800 rpm |
| Min operating temperature, Tmin               | -40 °C    |
| Max operating temperature, Tmax               | 120 °C    |
| Characteristic cage frequency, FTF            | 0.38 Hz   |
| Characteristic rolling element frequency, BSF | 4.08 Hz   |
| Characteristic outer ring frequency, BPF0     | 3.07 Hz   |
| Characteristic inner ring frequency, BPI      | 4.93 Hz   |
| da min  | 48 mm     |
| Da max  | 82 mm     |

|                                 |   |
|---------------------------------|---|
| ra max                          | 1.5 mm  |
| Inventory                       | 7.0   |
| Manufacturer Name               | NTN   |
| Minimum Buy Quantity            | N/A   |
| Weight / Kilogram               | 0.64  |
| EAN                             | 4547359576450   |
| Product Group                   | B00308  |
| Enclosure                       | Open  |
| Precision Class                 | ABEC 1   ISO P0   |
| Maximum Capacity / Filling Slot | No  |
| Rolling Element                 | Ball Bearing  |
| Snap Ring                       | No  |
| Internal Special Features       | No  |
| Cage Material                   | Steel   |
| Internal Clearance              | C3-Loose  |
| Inch – Metric                   | Metric  |
| Long Description                | 40MM Bore; 90MM Outside Diameter; 23MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No |
| UNSPSC                          | 31171504  |
| Harmonized Tariff Code          | 8482.10.50.68   |
| Noun                            | Bearing   |
| Keyword String                  | Ball  |
| Manufacturer Item Number        | 6308C3  |
| Weight / LBS                    | 1.4   |
| Bore                            | 1.575 Inch   40 Millimeter  |

|                              |                               |
|------------------------------|-------------------------------|
| Outer Race Width             | 0.906 Inch   23<br>Millimeter |
| Outside Diameter             | 3.543 Inch   90<br>Millimeter |
| bore diameter:               | 40 mm                         |
| finish/coating:              | Uncoated                      |
| outside diameter:            | 90 mm                         |
| bearing material:            | High Carbon Chrome Steel      |
| overall width:               | 23 mm                         |
| cage material:               | Steel                         |
| bore type:                   | Round                         |
| inner ring width:            | 23 mm                         |
| closure type:                | Open                          |
| outer ring width:            | 23 mm                         |
| row type & fill slot:        | Single Row Non-Fill Slot      |
| maximum rpm (grease):        | 7800 rpm                      |
| snap ring included:          | Without Snap Ring             |
| maximum rpm (oil):           | 9200 rpm                      |
| internal clearance:          | C3                            |
| fillet radius:               | 1.5 mm                        |
| operating temperature range: | -40 to 120 °C                 |
| maximum rpm:                 | 9200 RPM                      |
| dynamic load capacity:       | 40500 N                       |
| series:                      | 63                            |
| static load capacity:        | 24000 N                       |
| manufacturer product page:   | <a href="#">Click here</a>    |
| precision rating:            | Class 0                       |