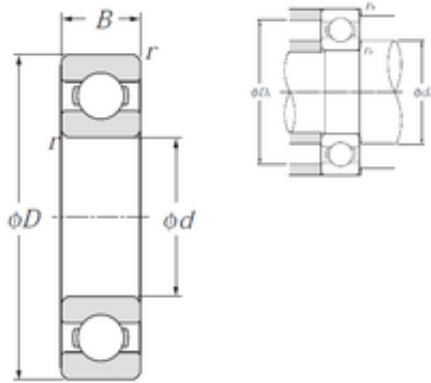




## China 608rs Bearing Supplier



6305 Bearing 2D drawings and 3D CAD models

### NTN bearing list bearing ntn 6305 ntn auto bearing

Bearing No. 6305

|                               |              |
|-------------------------------|--------------|
| Size                          | 25x62x17 mm  |
| Bore Diameter                 | 25 mm        |
| Outer Diameter                | 62 mm        |
| Width                         | 17 mm        |
| d                             | 25 mm        |
| D                             | 62 mm        |
| B                             | 17 mm        |
| C                             | 17 mm        |
| r min.                        | 1,1 mm       |
| da min.                       | 31,5 mm      |
| da max                        | 35 mm        |
| Da max.                       | 55,5 mm      |
| ra max.                       | 1 mm         |
| Weight                        | 0,232 Kg     |
| Basic dynamic load rating (C) | 21,2 kN      |
| Basic static load rating (C0) | 10,9 kN      |
| (Grease) Lubrication Speed    | 12 000 r/min |
| (Oil) Lubrication Speed       | 14 000 r/min |
| rs min                        | 1.1 mm       |
| Radial clearance class        | CN           |
| Mass                          | 0.23 kg      |
| Dynamic load, C               | 21.2 kN      |
| Static load, C0               | 10.9 kN      |
| Fatigue limit load, Cu        | 0.5 kN       |
| f0                            | 12.6         |



## China 608rs Bearing Supplier

|   |  |
|---|--|
| Nlim (oil)                                    | 14,000 rpm                             |
| Nlim (grease)                                 | 12,000 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 | 3.66 Hz                                |
| Characteristic outer ring frequency, BPF0     | 2.61 Hz                                |
| Characteristic inner ring frequency, BRF1     | 4.39 Hz                                |
| da min  | 31.5 mm                                |
| Da max  | 55.5 mm                                |
| ra max  | 1 mm                                   |
| Category                                      | Single Row Ball Bearings               |
| Inventory                                     | 0.0                                    |
| Manufacturer Name                             | NTN                                    |
| Minimum Buy Quantity                          | N/A                                    |
| Weight / Kilogram                             | 0.228                                  |
| 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                            | C0-Medium                              |
| Inch - Metric                                 | Metric                                 |
| Long Description                              | 25MM Bore; 62MM Outside Diameter; 17MM |



## China 608rs Bearing Supplier

|                          |  |
|--------------------------|--|
|                          | 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 |
| Other Features           | Deep Groove  |
| Category                 | Single Row Ball Bearing  |
| UNSPSC                   | 31171504   |
| Harmonized Tariff Code   | 8482.10.50.68  |
| Noun                     | Bearing  |
| Keyword String           | Ball   |
| Manufacturer URL         | <a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>  |
| Manufacturer Item Number | 6305   |
| Weight / LBS             | 0.511  |
| Inner Race Width         | 0 Inch   0 Millimeter  |
| Outside Diameter         | 2.441 Inch   62 Millimeter   |
| Bore                     | 0.984 Inch   25 Millimeter   |
| Outer Race Width         | 0.669 Inch   17 Millimeter   |
| bore diameter:           | 25 mm  |
| finish/coating:          | Uncoated   |
| outside diameter:        | 62 mm  |
| bearing material:        | High Carbon Chrome Steel   |
| overall width:           | 17 mm  |
| cage material:           | Steel  |
| bore type:               | Round  |
| inner ring width:        | 17 mm  |
| closure type:            | Open   |
| outer ring width:        | 17 mm  |
| row type & fill slot:    | Single Row Non-Fill Slot   |
| maximum rpm (grease):    | 12000 rpm  |
| snap ring included:      | Without Snap Ring  |
|                          |  |



## China 608rs Bearing Supplier

|                              |                            |
|------------------------------|----------------------------|
| maximum rpm (oil):           | 14000 rpm                  |
| internal clearance:          | CN                         |
| fillet radius:               | 1.1 mm                     |
| operating temperature range: | -40 to 120 ° C             |
| maximum rpm:                 | 1400 RPM                   |
| dynamic load capacity:       | 21200 N                    |
| series:                      | 63                         |
| static load capacity:        | 10900 N                    |
| manufacturer product page:   | <a href="#">Click here</a> |
| precision rating:            | Class 0                    |