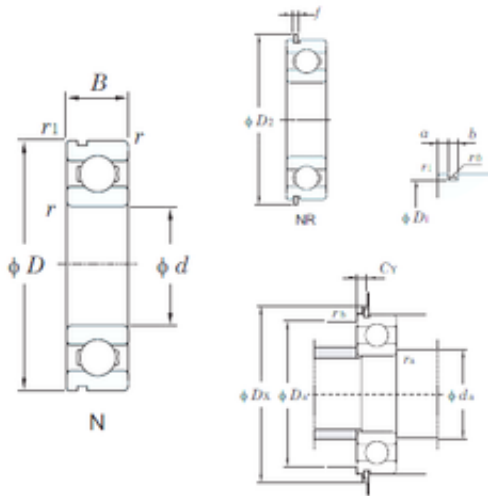




Shandong Chik Bearing Co., Ltd.

45 mm x 100 mm x 25 mm KOYO 6309NR deep groove ball bearings

Bearing No. 6309NR



6309NR Bearing 2D drawings and 3D CAD models

| | |
|-------------------------------|--------------------------|
| Size | 45x100x25 mm |
| Bore Diameter | 45 mm |
| Outer Diameter | 100 mm |
| Width | 25 mm |
| d | 45 mm |
| D | 100 mm |
| B | 25 mm |
| C | 25 mm |
| a | 3,28 mm |
| b | 2,85 mm |
| f | 2,41 mm |
| r min. | 1,5 mm |
| r0 max. | 0,6 mm |
| r1 min. | 0,5 mm |
| D1 | 96,8 mm |
| D2 | 106,5 mm |
| da min. | 53 mm |
| Da max. | 92 mm |
| Weight | 0,833 Kg |
| Basic dynamic load rating (C) | 48,9 kN |
| Basic static load rating (C0) | 29,5 kN |
| (Grease) Lubrication Speed | 6800 r/min |
| (Oil) Lubrication Speed | 8100 r/min |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |



Shandong Chik Bearing Co., Ltd.

| | |
|---------------------------------|---|
| Manufacturer Name | KOYO |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.933 |
| 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 | 45MM Bore; 100MM Outside Diameter; 25MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage |
| Other Features | Deep Groove With Snap Ring |
| Category | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |
| Manufacturer URL | http://www.koyousa.com |
| Weight / LBS | 1.83645 |
| Outside Diameter | 3.937 Inch 100 Millimeter |
| Outer Race Width | 0.984 Inch 25 Millimeter |
| Bore | 1.772 Inch 45 Millimeter |
| | |



Shandong Chik Bearing Co., Ltd.

| | |
|------------------|-----------------------|
| Inner Race Width | 0 Inch 0 Millimeter |
| Bearing No. | 6309NR |
| r(min) | 1.5 |
| r1(min) | 0.5 |
| Cr | 61.1 |
| C0r | 29.5 |
| Cu | 2.25 |
| f0 | 13.3 |
| Grease lub. | 6800 |
| Oil lub. | 8100 |
| D2(min) | 106.5 |
| f()0.05) | 2.41 |
| da(min) | 53 |
| Da(max) | 92 |
| Dx(min) | 108 |
| Cy(max) | 5.43 |
| ra(max) | 1.5 |
| rb(max) | 0.5 |
| (Refer.)Mass(kg) | 0.833 |