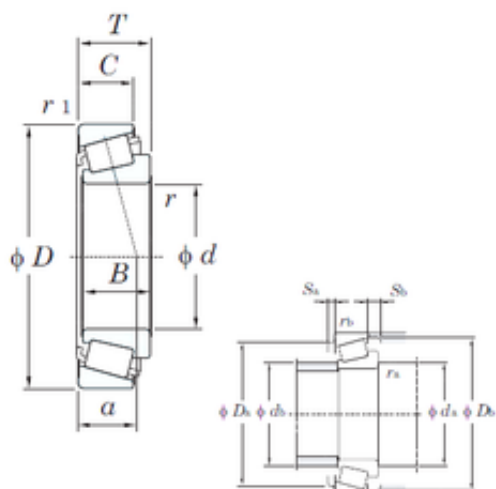




## Bearing Rolamentos do Brasil Ltda.



45 mm x 100 mm x 25 mm KOYO 30309DJR tapered roller bearings

Bearing No. 30309DJR

|                               |                 |
|-------------------------------|-----------------|
| Size                          | 45x100x27.25 mm |
| Bore Diameter                 | 45 mm           |
| Outer Diameter                | 100 mm          |
| Width                         | 27,25 mm        |
| d                             | 45 mm           |
| D                             | 100 mm          |
| T                             | 27,25 mm        |
| B                             | 25 mm           |
| C                             | 18 mm           |
| a                             | 32,9 mm         |
| r min.                        | 2 mm            |
| r2 min.                       | 1,5 mm          |
| da min.                       | 55 mm           |
| da max                        | 56 mm           |
| Da min                        | 79 mm           |
| Da max.                       | 90 mm           |
| Db min.                       | 96 mm           |
| ra max.                       | 2 mm            |
| rb max.                       | 1,5 mm          |
| Weight                        | 0,973 Kg        |
| Basic dynamic load rating (C) | 95,1 kN         |
| Basic static load rating (C0) | 107 kN          |
| (Grease) Lubrication Speed    | 3400 r/min      |
| (Oil) Lubrication Speed       | 4700 r/min      |
| Calculation factor (e)        | 0,83            |

30309DJR Bearing 2D drawings and 3D CAD models



## Bearing Rolamentos do Brasil Ltda.

|                         |          |
|-------------------------|----------|
| Calculation factor (Y0) | 0,4      |
| Category                | Bearings |
| Inventory               | 0.0      |
| Manufacturer Name       | KOYO     |
| Minimum Buy Quantity    | N/A      |
| Weight / US pound       | 2.12     |
| Product Group           | B04334   |
| Bearing No.             | 30309DJR |
| r(min)                  | 2        |
| r1(min)                 | 1.5      |
| Cr                      | 119      |
| C0r                     | 107      |
| Cu                      | 15.8     |
| Grease lub.             | 3400     |
| Oil lub.                | 4700     |
| a                       | 32.9 mm  |
| da(min)                 | 55       |
| db(max)                 | 56       |
| Da(max)                 | 90       |
| Da(min)                 | 79       |
| Db(min)                 | 96       |
| Sa(min)                 | 3        |
| Sb(min)                 | 9        |
| ra(max)                 | 2        |
| rb(max)                 | 1.5      |
| e                       | 0.83     |
| Y1                      | 0.73     |
| Y0                      | 0.40     |
| (Refer.) Mass(kg)       | 0.973    |