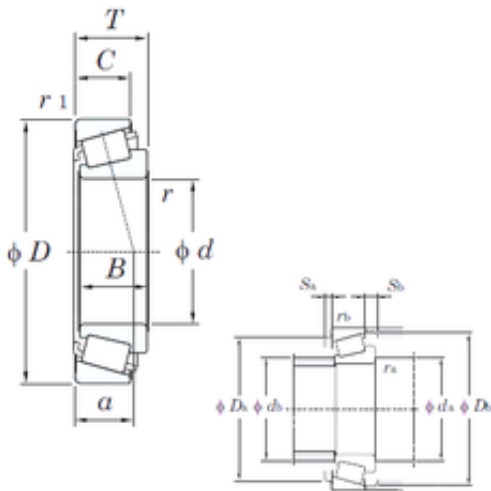




# DRIVESHAFT ANDERSON, INC.

30 mm x 72 mm x 19 mm KOYO 30306JR air conditioning compressor bearing

Bearing No. 30306JR



30306JR Bearing 2D drawings and 3D CAD models

|                               |                |
|-------------------------------|----------------|
| Size                          | 30x72x20.75 mm |
| Bore Diameter                 | 30 mm          |
| Outer Diameter                | 72 mm          |
| Width                         | 20,75 mm       |
| d                             | 30 mm          |
| D                             | 72 mm          |
| T                             | 20,75 mm       |
| B                             | 19 mm          |
| C                             | 16 mm          |
| a                             | 15,7 mm        |
| r min.                        | 1,5 mm         |
| r2 min.                       | 1,5 mm         |
| da min.                       | 38,5 mm        |
| da max                        | 40 mm          |
| Da min                        | 62 mm          |
| Da max.                       | 63,5 mm        |
| Db min.                       | 66 mm          |
| ra max.                       | 1,5 mm         |
| rb max.                       | 1,5 mm         |
| Weight                        | 0,411 Kg       |
| Basic dynamic load rating (C) | 59,6 kN        |
| Basic static load rating (C0) | 60,1 kN        |
| (Grease) Lubrication Speed    | 5800 r/min     |
| (Oil) Lubrication Speed       | 7700 r/min     |
| Calculation factor (e)        | 0,31           |



## DRIVESHAFT ANDERSON, INC.

|                          |   |
|--------------------------|---|
| Calculation factor (Y0)  | 1,05  |
| Category                 | Tapered Roller Bearing Assemblies   |
| Inventory                | 0.0   |
| Manufacturer Name        | KOYO  |
| Minimum Buy Quantity     | N/A   |
| Weight / Kilogram        | 0.41  |
| EAN                      | 0605790123191   |
| Product Group            | B04334  |
| Precision Class          | Standard  |
| Component                | Assembly  |
| Basic Number             | 30306   |
| Number of Tapered Rows   | Single Row  |
| Inch - Metric            | Metric  |
| Other Features           | High Load Capacity   Steep Contact Angle  |
| Long Description         | Assembly; Standard Precision; 30MM Bore; 72MM Outside Diameter; 20.75MM Assembly Width; Single Row of Rollers |
| Category                 | Tapered Roller Bearings Assembly  |
| UNSPSC                   | 31171516  |
| Harmonized Tariff Code   | 8482.20.00.00   |
| Noun                     | Bearing   |
| Keyword String           | Tapered   |
| Manufacturer URL         | <a href="http://www.koyousa.com">http://www.koyousa.com</a>   |
| Manufacturer Item Number | 30306JR   |
| Weight / LBS             | 0.906   |
| Bore                     | 1.181 Inch   30 Millimeter  |
| Flange Outside Diameter  | 0 Inch   0 Millimeter   |
| Outside Diameter         | 2.835 Inch   72 Millimeter  |
| Assembly Width           | 0.817 Inch   20.75 Millimeter   |



## DRIVESHAFT ANDERSON, INC.

|                  |         |
|------------------|---------|
| Bearing No.      | 30306JR |
| r(min)           | 1.5     |
| r1(min)          | 1.5     |
| Cr               | 74.4    |
| C0r              | 60.1    |
| Cu               | 9.00    |
| Grease lub.      | 5800    |
| Oil lub.         | 7700    |
| a                | 15.7 mm |
| da(min)          | 38.5    |
| db(max)          | 40      |
| Da(max)          | 63.5    |
| Da(min)          | 62      |
| Db(min)          | 66      |
| Sa(min)          | 3       |
| Sb(min)          | 4.5     |
| ra(max)          | 1.5     |
| rb(max)          | 1.5     |
| e                | 0.31    |
| Y1               | 1.90    |
| Y0               | 1.05    |
| (Refer.)Mass(kg) | 0.411   |