



Machinery Parts Co., Ltd.



6024 Bearing 2D drawings and 3D CAD models

6024 KOYO Single-row deep groove ball bearings

Bearing No. 6024

| | |
|-------------------------------|--------------------------|
| Size | 120x180x28 mm |
| Bore Diameter | 120 mm |
| Outer Diameter | 180 mm |
| Width | 28 mm |
| d | 120 mm |
| D | 180 mm |
| B | 28 mm |
| C | 28 mm |
| r min. | 2 mm |
| da min. | 129 mm |
| Da max. | 171 mm |
| ra max. | 2 mm |
| Weight | 2,07 Kg |
| Basic dynamic load rating (C) | 85 kN |
| Basic static load rating (C0) | 79,3 kN |
| (Grease) Lubrication Speed | 3600 r/min |
| (Oil) Lubrication Speed | 4200 r/min |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | KOYO |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 2.281 |
| Product Group | B00308 |
| Enclosure | Open |
| Precision Class | ABEC 1 ISO P0 |



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|---------------------------------|--|
| 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 | 120MM Bore; 180MM Outside Diameter; 28MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| 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 |
| Manufacturer Item Number | 6024 |
| Weight / LBS | 5.024 |
| Bore | 4.724 Inch 120 Millimeter |
| Outside Diameter | 7.087 Inch 180 Millimeter |
| Outer Race Width | 1.102 Inch 28 Millimeter |
| Bearing No. | 6024 |
| r(min) | 2 |
| Cr | 106 |
| C0r | 79.3 |
| Cu | 3.60 |
| f0 | 15.9 |
| Grease lub. | 3600 |
| Oil lub. | 4200 |
| | |



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|------------------|------|
| da(min) | 129 |
| Da(max) | 171 |
| ra(max) | 2 |
| (Refer.)Mass(kg) | 2.07 |