



# GBMA Bearing Manufacturing Co.,Ltd



6226/C3VL2071 Bearing 2D drawings and 3D CAD models

## 6226/C3VL2071 SKF Insulated Bearings

Bearing No. 6226/C3VL2071

|   |                          |
|---|--------------------------|
| Size                                      | 230x130x40 mm            |
| Bore Diameter                             | 230 mm                   |
| Outer Diameter                            | 130 mm                   |
| Width                                     | 40 mm                    |
| d   | 130 mm                   |
| D   | 230 mm                   |
| B   | 40 mm                    |
| d <sub>1</sub>                            | 160.5 mm                 |
| D <sub>1</sub>                            | 197.5 mm                 |
| r <sub>1,2</sub> - min.                   | 3 mm                     |
| d <sub>a</sub> - min.                     | 144 mm                   |
| d <sub>a</sub> - max.                     | 154 mm                   |
| D <sub>a</sub> - max.                     | 216 mm                   |
| r <sub>a</sub> - max.                     | 2.5 mm                   |
| Basic dynamic load rating - C             | 156 kN                   |
| Basic static load rating - C <sub>0</sub> | 132 kN                   |
| Fatigue load limit - P <sub>u</sub>       | 4.2 kN                   |
| Reference speed                           | 5600 r/min               |
| Limiting speed                            | 3600 r/min               |
| Calculation factor - k <sub>r</sub>       | 0.025                    |
| Calculation factor - f <sub>0</sub>       | 15                       |
| Category                                  | Single Row Ball Bearings |
| Inventory                                 | 0.0                      |
| Manufacturer Name                         | SKF                      |
| Minimum Buy Quantity                      | N/A                      |



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|                                 |  |
|---------------------------------|--|
| Weight / Kilogram               | 5.909  |
| 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       | Electrical Insulation on Inner Ring  |
| Cage Material                   | Steel  |
| Internal Clearance              | C3-Loose   |
| Inch - Metric                   | Metric   |
| Long Description                | 130MM Bore; 230MM Outside Diameter; 40MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; Electrical Insulation on Inner Ring Internal Special Features; C3-Loose I |
| Other Features                  | Deep Groove   VL2071 INSOCOAT Bearing with Coated Inner Ring   |
| 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.skf.com">http://www.skf.com</a>  |
| Manufacturer Item Number        | 6226/C3VL2071  |
| Weight / LBS                    | 5.75   |
| Outer Race Width                | 1.575 Inch   40 Millimeter   |
| Bore                            | 5.118 Inch   130 Millimeter  |
| Inner Race Width                | 0 Inch   0 Millimeter  |
|                                 |  |



## GBMA Bearing Manufacturing Co.,Ltd

|                                |                             |
|--------------------------------|-----------------------------|
| Outside Diameter               | 9.055 Inch   230 Millimeter |
| bore diameter:                 | 130 mm                      |
| static load capacity:          | 132 kN                      |
| outside diameter:              | 230 mm                      |
| precision rating:              | Not Rated                   |
| overall width:                 | 40 mm                       |
| finish/coating:                | Uncoated                    |
| bore type:                     | Round                       |
| cage material:                 | Steel                       |
| closure type:                  | Open                        |
| outer ring width:              | 40 mm                       |
| row type & fill slot:          | Single Row Non-Fill Slot    |
| fillet radius:                 | 2.5 mm                      |
| snap ring included:            | Without Snap Ring           |
| maximum rpm:                   | 3600 RPM                    |
| internal clearance:            | C3                          |
| series:                        | 62                          |
| dynamic load capacity:         | 156 kN                      |
| $d_1$                          | 160.5 mm                    |
| $D_1$                          | 197.5 mm                    |
| $r_{1,2}$ min.                 | 3 mm                        |
| $d_a$ min.                     | 144 mm                      |
| $d_a$ max.                     | 154 mm                      |
| $D_a$ max.                     | 216 mm                      |
| $r_a$ max.                     | 2.5 mm                      |
| Basic dynamic load rating C    | 156 kN                      |
| Basic static load rating $C_0$ | 132 kN                      |
| Fatigue load limit $P_u$       | 4.15 kN                     |
| Calculation factor $k_r$       | 0.025                       |
| Calculation factor $f_0$       | 15                          |
| Mass bearing                   | 5.75 kg                     |