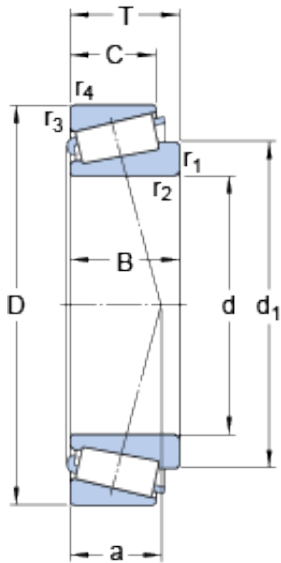




# GENERAL BEARING IMPORT COMPANY



90 mm x 160 mm x 40 mm SKF 32218 J2/Q  
AUSTRIA Bearing 90 × 160 × 42.5

Bearing No. 32218 J2/Q

32218 J2/Q Bearing 2D drawings and 3D CAD models

|                             |                |
|-----------------------------|----------------|
| Size                        | 160x90x42.5 mm |
| Bore Diameter               | 160 mm         |
| Outer Diameter              | 90 mm          |
| Width                       | 42,5 mm        |
| d                           | 90 mm          |
| D                           | 160 mm         |
| T                           | 42.5 mm        |
| d <sub>1</sub>              | 121 mm         |
| D <sub>1</sub>              | 999.99 mm      |
| B                           | 40 mm          |
| C                           | 34 mm          |
| C <sub>1</sub>              | 999.99 mm      |
| r <sub>1,2</sub> - min.     | 2.5 mm         |
| r <sub>3,4</sub> - min.     | 2 mm           |
| a                           | 36 mm          |
| d <sub>a</sub> - max.       | 103 mm         |
| d <sub>b</sub> - min.       | 102.5 mm       |
| D <sub>a</sub> - min.       | 138 mm         |
| D <sub>a</sub> - max.       | 150 mm         |
| D <sub>b</sub> - min.       | 152 mm         |
| C <sub>a</sub> - min.       | 5 mm           |
| C <sub>b</sub> - min.       | 8.5 mm         |
| r <sub>a</sub> - max.       | 2.5 mm         |
| r <sub>b</sub> - max.       | 2 mm           |
| Basic dynamic load rating - | 251 kN         |



## GENERAL BEARING IMPORT COMPANY

|                                  |                     |
|----------------------------------|---------------------|
| C                                |                     |
| Basic static load rating - $C_0$ | 340 kN              |
| Fatigue load limit - $P_u$       | 38 kN               |
| Reference speed                  | 3000 r/min          |
| Limiting speed                   | 4000 r/min          |
| Calculation factor - e           | 0.43                |
| Calculation factor - Y           | 1.4                 |
| Calculation factor - $Y_0$       | 0.8                 |
| Category                         | Roller Bearings     |
| Inventory                        | 0.0                 |
| Manufacturer Name                | SKF                 |
| Minimum Buy Quantity             | N/A                 |
| Weight / Kilogram                | 3.344               |
| Product Group                    | B04334              |
| bore diameter:                   | 90 mm               |
| operating temperature range:     | Maximum of +250 ° F |
| cup width:                       | 34 mm               |
| dynamic load capacity:           | 251 kN              |
| assembly type:                   | Cone & Cup          |
| static load capacity:            | 340 kN              |
| outside diameter:                | 160 mm              |
| finish/coating:                  | Uncoated            |
| cone width:                      | 40 mm               |
| maximum rpm:                     | 4000 RPM            |
| closure type:                    | Open                |
| series:                          | 322                 |
| abma precision rating:           | Class 4             |
| flange type:                     | Non-Flanged Cup     |
| cage material:                   | Steel               |