



## QM INDUSTRIES BEARING LIMITED



42.862 mm x 85 mm x 49.2 mm SKF YAR  
209-111-2F CHINA Bearing 42.862x85x49.2

Bearing No. YAR 209-111-2F

YAR 209-111-2F Bearing 2D drawings and 3D CAD models

|                      |   |
|----------------------|---|
| Category             | Insert Bearings Spherical<br>OD   |
| Inventory            | 0.0   |
| Manufacturer Name    | SKF   |
| Minimum Buy Quantity | N/A   |
| Weight               | 0.66  |
| EAN                  | 7316577754639   |
| Product Group        | M06110  |
| Inner Race Profile   | Wide Inner Ring   |
| Outer Race Profile   | Spherical   |
| Relubricatable       | Yes   |
| Seal Type            | M Seal  |
| Mounting Method      | Set Screw   |
| Rolling Element      | Ball Bearing  |
| Snap Ring            | No  |
| Long Description     | 1-11/16" Bore; Wide Inner Ring; Ball Bearing; 1-15/16" Length Thru Bore; 0.827" Outer Race Width; 3.347" Outside Diameter; Relubricatable; M Seal Seal; Set Screw Mounting Method |
| Inch - Metric        | Inch  |
| Other Features       | Single Row   Medium Duty   Grub Screw   Has Flinger   |
| Category             | Insert Bearings   |
| UNSPSC               | 31171536  |
|                      |   |



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|                                  |   |
|----------------------------------|---|
| Harmonized Tariff Code           | 8482.10.50.00                                       |
| Noun                             | Bearing   |
| Keyword String                   | Insert  |
| Manufacturer URL                 | <a href="http://www.skf.com">http://www.skf.com</a> |
| Manufacturer Item Number         | YAR 209-111-2F                                      |
| Weight / LBS                     | 1.46  |
| d                                | 1.688 Inch   42.875<br>Millimeter                   |
| D                                | 3.347 Inch   85.014<br>Millimeter                   |
| D                                | 1.937 Inch   49.2 Millimeter                        |
| Outer Race Width                 | 0.827 Inch   21.006<br>Millimeter                   |
| bore diameter:                   | 1.6875 in   |
| radial dynamic load<br>capacity: | 33.2 kN   |
| outside diameter:                | 85 mm   |
| radial static load capacity:     | 21.6 kN   |
| outer ring width:                | 22 mm   |
| finish/coating:                  | Uncoated  |
| inner ring width:                | 49.2 mm   |
| maximum rpm:                     | 4300 RPM  |
| bore type:                       | Round   |
| seal type:                       | Contact with Flinger                                |
| locking device:                  | Set Screw   |
| d                                | 42.862 mm   |
| D                                | 85 mm   |
| B                                | 49.2 mm   |
| C                                | 22 mm   |
| d <sub>1</sub>                   | 56.8 mm   |
| B <sub>4</sub>                   | 8 mm  |
| r <sub>1,2</sub> min.            | 1 mm  |
| s <sub>1</sub>                   | 30.2 mm   |
|                                  |   |



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|  |             |
|--|-------------|
| Basic dynamic load rating C                  | 33.2 kN     |
| Basic static load rating $C_0$               | 21.6 kN     |
| Fatigue load limit $P_u$                     | 0.915 kN    |
| Limiting speed <sup>1)</sup>                 | 4300 r/min  |
| Calculation factor $f_0$                     | 14          |
| Mass complete bearing                        | 0.73 kg     |
| Thread grub screw $G_2$                      | 5/16-24 UNF |
| Hexagonal key size for grub screw N          | 3.969 mm    |
| Recommended tightening torque for grub screw | 6.5 N · m   |