



### Bearing No. YAT 215-215

|                 |   |
|-----------------|---|
| D               | 130 mm                                  |
| d               | 74.613 mm                               |
| B               | 53.5 mm                                 |
| C               | 29 mm                                   |
| Bore            | 2.938 Inch   74.625 Millimeter          |
| Noun            | Bearing                                 |
| UNSPSC          | 31171536                                |
| Category        | Insert Bearings                         |
| Seal Type       | M Seal                                  |
| Size (mm)       | 130x74.613x53.5                         |
| Inventory       | 0.0                                     |
| Snap Ring       | No                                      |
| Width (mm)      | 53,5                                    |
| Weight / LBS    | 3.86                                    |
| Mass bearing    | 2.1 kg                                  |
| Inch - Metric   | Inch                                    |
| s <sub>1</sub>  | 39 mm                                   |
| Product Group   | M06110                                  |
| B <sub>4</sub>  | 9.5 mm                                  |
| d <sub>1</sub>  | 92.05 mm                                |
| B <sub>4</sub>  | 9.5 mm                                  |
| s <sub>1</sub>  | 39 mm                                   |
| Other Features  | Single Row   Standard Duty   Grub Screw |
| Keyword String  | Insert                                  |
| Relubricatable  | Yes                                     |
| Bearing number  | YAT 215-215                             |
| Rolling Element | Ball Bearing                            |
| Mounting Method | Set Screw                               |
|                 |   |

|                                  |   |
|----------------------------------|---|
| Length Thru Bore                 | 2.106 Inch   53.492<br>Millimeter   |
| Long Description                 | 2-15/16" Bore; Narrow<br>Inner Ring; Ball Bearing;<br>2.106" Length Thru<br>Bore; 1.142" Outer Race<br>Width; 5.118" Outside<br>Diameter;<br>Relubricatable; M Seal<br>Seal; Set Screw<br>Mounting Method |
| Outer Race Width                 | 1.142 Inch   29.007<br>Millimeter   |
| Outside Diameter                 | 5.118 Inch   129.997<br>Millimeter  |
| Manufacturer URL                 | <a href="http://www.skf.com">http://www.skf.com</a>   |
| Weight / Kilogram                | 1.997   |
| Manufacturer Name                | SKF   |
| Inner Race Profile               | Narrow Inner Ring   |
| Outer Race Profile               | Spherical   |
| Bore Diameter (mm)               | 130   |
| Outer Diameter (mm)              | 74,613  |
| r <sub>1,2</sub> min.            | 1.5 mm  |
| Minimum Buy Quantity             | N/A   |
| Mass complete bearing            | 1.75 kg   |
| d <sub>1</sub> ?                 | 92.05 mm  |
| Harmonized Tariff Code           | 8482.10.50.00   |
| r <sub>1,2</sub> - min.          | 1.5 mm  |
| Manufacturer Item<br>Number      | YAT 215-215   |
| Limiting speed <sup>1)</sup>     | 2600 r/min  |
| Basic dynamic load<br>rating C   | 66.3 kN   |
| Basic dynamic load<br>rating - C | 66.3 kN   |
| Thread grub screw G <sub>2</sub> | 3/8-24 UNF  |
|                                  |   |

|  |            |
|--|------------|
| Fatigue load limit $P_u$                     | 2.04 kN    |
| Calculation factor $f_0$                     | 15         |
| Fatigue load limit - $P_u$                   | 2 kN       |
| Calculation factor - $f_0$                   | 15         |
| Thread - $G_2$ - 3/8-24 UNF                  | 3/824 UNF  |
| Hexagonal key size for grub screw N          | 4.763 mm   |
| Hexagonal key size for grub screw - H        | 4.762 mm   |
| Limiting speed with shaft tolerance h6       | 2600 r/min |
| Basic static load rating $C_0$               | 49 kN      |
| Basic static load rating - $C_0$             | 49 kN      |
| Recommended tightening torque for grub screw | 16.5 N·m   |