



60 mm x 130 mm x 46 mm FAG 22312-E1-K  
Spherical Roller Bearings

Bearing No. 22312-E1-K

22312-E1-K Bearing 2D drawings and 3D CAD models

|                    |   |
|--------------------|---|
| Size               | 60x130x46 mm                            |
| Bore Diameter      | 60 mm                                   |
| Outer Diameter     | 130 mm                                  |
| Width              | 46 mm                                   |
| d                  | 60 mm                                   |
| D                  | 130 mm                                  |
| B                  | 46 mm                                   |
| D <sub>1</sub>     | 110,1 mm                                |
| D <sub>a max</sub> | 118 mm                                  |
| d <sub>2</sub>     | 74,8 mm                                 |
| d <sub>a min</sub> | 72 mm                                   |
| d <sub>s</sub>     | 3,2 mm                                  |
| n <sub>s</sub>     | 6,5 mm                                  |
| r <sub>a max</sub> | 2,1 mm                                  |
| r <sub>min</sub>   | 2,1 mm                                  |
| m                  | 2,8 kg / Weight                         |
| C <sub>r</sub>     | 310000 N / Dynamic load rating (radial) |
| e                  | 0,35                                    |
| Y <sub>1</sub>     | 1,91                                    |
| Y <sub>2</sub>     | 2,85                                    |
| C <sub>0r</sub>    | 310000 N / Static load rating (radial)  |
| Y <sub>0</sub>     | 1,87                                    |
|                    |   |



## AMERICAN NTN BEARING MFG.CORP.

|          |   |
|----------|---|
| $n_G$    | 5400 1/min / Limiting speed             |
| $n_B$    | 4300 1/min                              |
| $C_{ur}$ | 28000 N / Fatigue limit load,<br>radial |