



## IMPORTED BEARING OF AMERICA CORP.



190 mm x 290 mm x 75 mm 190 mm x 290 mm  
x 75 mm FAG 23038-E1A-M spherical roller  
bearings

Bearing No. 23038-E1A-M

23038-E1A-M Bearing 2D drawings and 3D CAD  
models

|                    |   |
|--------------------|---|
| Size               | 190x290x75 mm                               |
| Bore Diameter      | 190 mm                                      |
| Outer Diameter     | 290 mm                                      |
| Width              | 75 mm                                       |
| d                  | 190 mm                                      |
| D                  | 290 mm                                      |
| B                  | 75 mm                                       |
| D <sub>1</sub>     | 264,5 mm                                    |
| D <sub>a max</sub> | 279,8 mm                                    |
| d <sub>a min</sub> | 200,2 mm                                    |
| d <sub>s</sub>     | 8 mm  |
| n <sub>s</sub>     | 15 mm                                       |
| r <sub>a max</sub> | 2,1 mm                                      |
| r <sub>min</sub>   | 2,1 mm                                      |
| m                  | 18,3 kg / Weight                            |
| C <sub>r</sub>     | 1080000 N / Dynamic load<br>rating (radial) |
| e                  | 0,23  |
| Y <sub>1</sub>     | 2,98  |
| Y <sub>2</sub>     | 4,44  |
| C <sub>0r</sub>    | 1550000 N / Static load<br>rating (radial)  |
| Y <sub>0</sub>     | 2,92  |
| n <sub>G</sub>     | 2490 1/min / Limiting speed                 |



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|          |                              |
|----------|------------------------------|
| $n_B$    | 1690 1/min / Reference speed |
| $C_{ur}$ | 180000 N                     |