



# JOP BEARING MFG. CORP.

## 23244EMBW33 TIMKEN Spherical Roller Bearings Steel Cage

Bearing No. 23244EMBW33

| Category                                    | Mounted Units & Inserts |
|---|-------------------------|
| Inventory                                   | 0.0                     |
| Manufacturer Name                           | TIMKEN                  |
| Minimum Buy Quantity                        | N/A                     |
| Weight                                      | 0                       |
| Product Group                               | M06288                  |
| Design Unit                                 | METRIC                  |
| Bearing Weight                              | 79.4 Kg                 |
| Cage Type                                   | EMB                     |
| UPC Code                                    | 087796303348            |
| Cage Material                               | Brass                   |
| Superseded Part                             | 23244YMBW33             |
| d - Bore                                    | 220 mm                  |
| D - Outer Diameter                          | 400.000 mm              |
| B - Inner Ring Width                        | 144 mm                  |
| B - Outer Ring Width                        | 144 mm                  |
| R - Inner Ring To Clear Radius <sup>1</sup> | 3.0 mm                  |
| r - Outer Ring To Clear Radius <sup>2</sup> | 3.0 mm                  |
| da - Inner Ring Backing Diameter            | 257.000 mm              |
| Da - Outer Ring Backing Diameter            | 359.000 mm              |
| C0 - Static Radial Rating                   | 3350000 N               |
| C1(2) - Dynamic Radial Rating (Two-Rows)    | 2490000 N               |
| e - ISO Factor <sup>3</sup>                 | 0.35                    |
|   |                         |



## JOP BEARING MFG.CORP.

|   |        |
|---|--------|
| Y0 - ISO Factor <sup>4</sup>                      | 1.95   |
| Y1 - ISO Factor <sup>5</sup>                      | 2.9    |
| Y2 - ISO Factor <sup>6</sup>                      | 1.9    |
| Reference Thermal Speed Rating (Grease)           | 830    |
| Reference Thermal Speed Rating (Oil) <sup>7</sup> | 920    |
| Cg - Geometry Factor <sup>8</sup>                 | 0.1051 |