



# NTN Bearing Rolamentos do Brasil Ltda.

## timken 24080EMBW507W40C3 Spherical Roller Bearings/Brass Cage

Bearing No. 24080EMBW507W40C3

|  |                   |
|--|-------------------|
| Category                                       | Bearings          |
| Inventory                                      | 0.0               |
| Manufacturer Name                              | TIMKEN            |
| Minimum Buy Quantity                           | N/A               |
| EAN  | 0087796209299     |
| Weight / US pound                              | 0                 |
| Product Group                                  | B04311            |
| Design Unit                                    | METRIC            |
| Bearing Weight                                 | 200.000 Kg        |
| Cage Type                                      | EMB               |
| UPC Code                                       | 087796209299      |
| Cage Material                                  | Brass             |
| Superseded Part                                | 24080YMBW507W40C3 |
| d - Bore                                       | 400.000 mm        |
| D - Outer Diameter                             | 600.000 mm        |
| B - Inner Ring Width                           | 200 mm            |
| B - Outer Ring Width                           | 200.000 mm        |
| R - Inner Ring To Clear<br>Radius <sup>1</sup> | 4.000 mm          |
| r - Outer Ring To Clear<br>Radius <sup>2</sup> | 4.000 mm          |
| da - Inner Ring Backing<br>Diameter            | 442.000 mm        |
| Da - Outer Ring Backing<br>Diameter            | 555.000 mm        |
| C0 - Static Radial Rating                      | 8480000 N         |
| C1(2) - Dynamic Radial<br>Rating (Two-Rows)    | 4790000 N         |
|  |                   |



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|   |        |
|---|--------|
| e - ISO Factor <sup>3</sup>                       | 0.3    |
| Y0 - ISO Factor <sup>4</sup>                      | 2.24   |
| Y1 - ISO Factor <sup>5</sup>                      | 3.33   |
| Y2 - ISO Factor <sup>6</sup>                      | 2.19   |
| Reference Thermal Speed Rating (Grease)           | 460    |
| Reference Thermal Speed Rating (Oil) <sup>7</sup> | 510    |
| Cg - Geometry Factor <sup>8</sup>                 | 0.1472 |