

# loyal Spherical Roller Bearings/Brass Cage | 22312EMW33W800



**Bearing No. 22312EMW33W800**

|                                                   |                     |
|---------------------------------------------------|---------------------|
| Y2 - ISO Factor <sup>6</sup>                      | 2.00 mm0.080 in     |
| Y1 - ISO Factor <sup>5</sup>                      | 1.93                |
| Y0 - ISO Factor <sup>4</sup>                      | 2.94                |
| Reference Thermal Speed Rating (Oil) <sup>7</sup> | 1.98                |
| Reference Thermal Speed Rating (Grease)           | 4900                |
| r - Outer Ring "To Clear" Radius <sup>2</sup>     | 4100                |
| R - Inner Ring "To Clear" Radius <sup>1</sup>     | 2.00 mm0.080 in     |
| e - ISO Factor <sup>3</sup>                       | 0.34                |
| Design Unit                                       | METRIC              |
| Da - Outer Ring Backing Diameter                  | 117.000 mm4.600 in  |
| da - Inner Ring Backing Diameter                  | 77.00 mm3.000 in    |
| D - Outer Diameter                                | 129.993 mm5.1178 in |
| d - Bore                                          | 60.00 mm2.3622 in   |