

# SILVERTHIN SM14008ARO 140 mm Open Type A Thin Section Bearing

## Specifications

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Bore (B)                        | 140.000 mm                        |
| Outside Diameter (D)            | 156.000 mm                        |
| Width                           | 8mm                               |
| Land Diameter (L <sub>1</sub> ) | 145.900 mm                        |
| Land Diameter (L <sub>2</sub> ) | 150.100 mm                        |
| Land Diameter (L <sub>3</sub> ) | 152.200 mm                        |
| Approximate Weight              | 0.18 kg                           |
| Separator                       | Brass; one piece pocket separator |
| Precision Class                 | ABEC Class 1                      |
| Bearing Type                    | Angular Contact (Type A)          |
| Seals, Shields                  | None (Open)                       |
| Unit System                     | Metric                            |

## Load Capacities

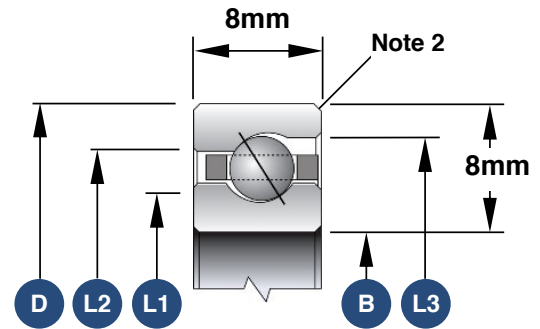
|                     |          |
|---------------------|----------|
| Static Radial Load  | 16,725 n |
| Dynamic Radial Load | 6,315 n  |
| Static Thrust Load  | 48,285 n |
| Dynamic Thrust Load | 15,190 n |

## Interchange

|            |            |        |           |        |           |
|------------|------------|--------|-----------|--------|-----------|
| Silverthin | SM14008ARO | Kaydon | K14008ARO | Kaydon | K14008ARO |
|------------|------------|--------|-----------|--------|-----------|

## Brass; one piece pocket separator

5/32" balls



1. Load capacities are not additive
2. The maximum shaft or housing fillet radius that the bearing corners will clear for this series is 0.8mm
3. Race Width Tolerance: +0.000 -0.127mm

## Also Available

|                              |            |
|------------------------------|------------|
| Open Radial Contact          | SM14008CPO |
| Open 4-Point Contact         | SM14008XPO |
| Open Duplexed (Back-to-Back) | SM14008BRO |
| Open Duplexed (Face-to-Face) | SM14008FRO |