

# SILVERTHIN SM18013XP0 180 mm Open Type X Thin Section Bearing

## Specifications

|                                 |                           |
|---------------------------------|---------------------------|
| Bore (B)                        | 180.000 mm                |
| Outside Diameter (D)            | 206.000 mm                |
| Width                           | 13mm                      |
| Land Diameter (L <sub>1</sub> ) | 189.700 mm                |
| Land Diameter (L <sub>2</sub> ) | 196.300 mm                |
| Approximate Weight              | 0.55 kg                   |
| Separator                       | Brass; snapover separator |
| Precision Class                 | ABEC Class 1              |
| Bearing Type                    | 4-Point Contact (Type X)  |
| Seals, Shields                  | None (Open)               |
| Unit System                     | Metric                    |

## Load Capacities

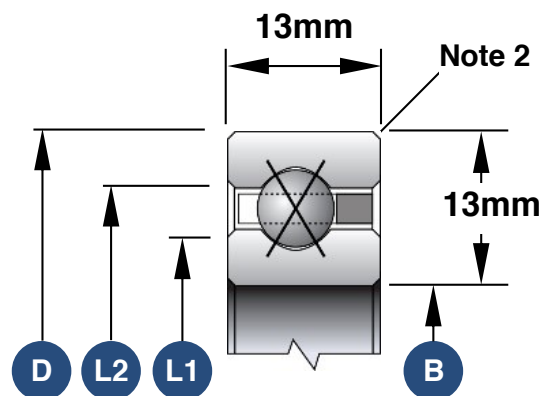
|                     |           |
|---------------------|-----------|
| Static Radial Load  | 28,535 n  |
| Dynamic Radial Load | 17,215 n  |
| Static Thrust Load  | 71,300 n  |
| Dynamic Thrust Load | 26,955 n  |
| Static Moment Load  | 2,755 N-m |
| Dynamic Moment Load | 1,245 N-m |

## Interchange

Silverthin [SM18013XP0](#) Kaydon [K18013XP0](#) Kaydon [K18013XP0](#)

## Brass; snapover separator

1/4" 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 1.5mm
3. Race Width Tolerance: +0.000 -0.127mm

## Also Available

|                              |                            |
|------------------------------|----------------------------|
| Open Angular Contact         | <a href="#">SM18013AR0</a> |
| Open Radial Contact          | <a href="#">SM18013CP0</a> |
| Open Duplexed (Back-to-Back) | <a href="#">SM18013BR0</a> |
| Open Duplexed (Face-to-Face) | <a href="#">SM18013FR0</a> |

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