

# SILVERTHIN SM12008XPO 120 mm Open Type X Thin Section Bearing

## Specifications

Bore (B)	120.000 mm
Outside Diameter (D)	136.000 mm
Width	8mm
Land Diameter (L <sub>1</sub> )	125.900 mm
Land Diameter (L <sub>2</sub> )	130.100 mm
Approximate Weight	0.16 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

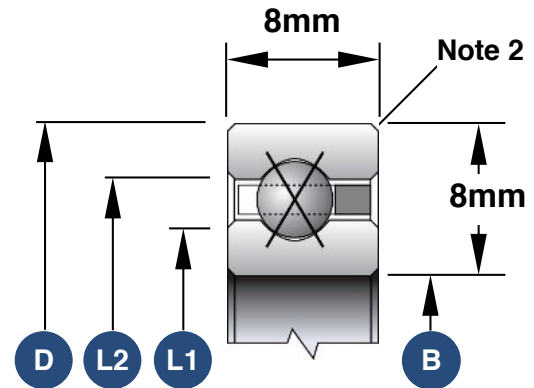
Static Radial Load	12,365 n
Dynamic Radial Load	7,295 n
Static Thrust Load	30,960 n
Dynamic Thrust Load	11,300 n
Static Moment Load	790 N-m
Dynamic Moment Load	350 N-m

## Interchange

Silverthin	SM12008XPO	Kaydon	K12008XPO	Kaydon	K12008XPO
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## Brass; snapover 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 Angular Contact	SM12008ARO
Open Radial Contact	SM12008CPO
Open Duplexed (Back-to-Back)	SM12008BR0
Open Duplexed (Face-to-Face)	SM12008FR0