

SILVERTHIN SM10008XPO 100 mm Open Type X Thin Section Bearing

Specifications

Bore (B)	100.000 mm
Outside Diameter (D)	116.000 mm
Width	8mm
Land Diameter (L ₁)	105.900 mm
Land Diameter (L ₂)	110.100 mm
Approximate Weight	0.14 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

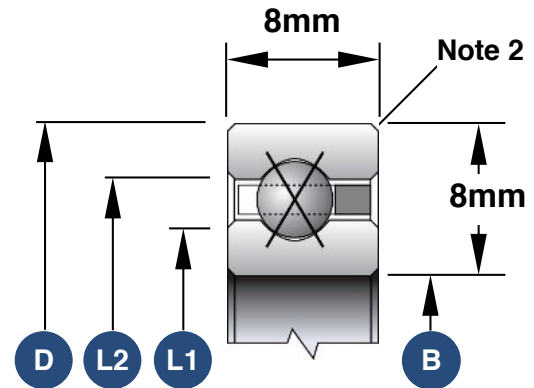
Static Radial Load	10,385 n
Dynamic Radial Load	6,560 n
Static Thrust Load	26,000 n
Dynamic Thrust Load	10,050 n
Static Moment Load	560 N-m
Dynamic Moment Load	265 N-m

Interchange

Silverthin	SM10008XPO	Kaydon	K10008XPO	Kaydon	K10008XPO
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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	SM10008ARO
Open Radial Contact	SM10008CPO
Open Duplexed (Back-to-Back)	SM10008BR0
Open Duplexed (Face-to-Face)	SM10008FR0