



# Machinery Parts Co., Ltd.

HSR100HB[1,2,3,4,5,6,7,8,9]  
+[351-3000/1]L[H,P] THK Standard Linear  
Guide Accuracy and Preload Selectable HSR Series

Bearing No.  
HSR100HB[1,2,3,4,5,6,7,8,9]+[351-3000/1]L[H,  
P]

HSR100HB[1,2,3,4,5,6,7,8,9]+[351  
-3000/1]L[H,P] Bearing 2D drawings and 3D CAD  
models

Days to Ship	32 Days
Block Type	[Wide Long] HB: Long Flanged w/Thru Holes
The number of LM blocks combined with a axis	1 ~ 9
Nominal Part Number	100
Rail Width W1	100 mm
Material	Carbon Steel
Mounting Height M	120 mm
Rail Length L	351 ~ 3000 mm
Radial Clearance	Normal
Accuracy Grade	High Grade / Precision Grade
Retainer	N/A
Rolling Element	Ball
Basic Load Rating Dynamic Rating C(N)	441000
Basic Load Rating Static Rating Co(N)	540000
Allowable Static Moment MA(N m)	20700
Allowable Static Moment MB(N m)	20700
Allowable Static Moment MC(N m)	24100



## Machinery Parts Co., Ltd.

Block Mounting Hole Pitch (Width Direction)	220 mm
Block Mounting Hole Pitch (Length Direction)	200 mm
Block Mounting Hole Diameter	20
Rail Mounting Hole Pitch	210 mm
Rail Mounting Hole Diameter	26
Symbols for Dust Resistance	None (Not Recommended)
Block external dimension W	250 mm
Block external dimension L	334 mm
Mounting hole for blocks	Thru Holes
Number of Block Mounting Holes(holes)	9
Mounting Hole Dimension H( $\varnothing$ )	20
Mounting Hole Screw Depth	Through mm
Block dimension L1	261 mm