



Machinery Parts Co., Ltd.

HSR100HR[1,2,3,4,5,6,7,8,9]
 [RR,SS,UU]+[351-3000/1]L[H,P] THK
 Standard Linear Guide Accuracy and Preload
 Selectable HSR Series

Bearing No.
 HSR100HR[1,2,3,4,5,6,7,8,9][RR,SS,UU]+[
 351-3000/1]L[H,P]

HSR100HR[1,2,3,4,5,6,7,8,9][RR,
 SS,UU]+[351-3000/1]L[H,P] Bearing 2D
 drawings and 3D CAD models

Days to Ship	32 Days
Block Type	[Long] HR: Long Compact
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



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Block Mounting Hole Pitch (Width Direction)	130 mm
Block Mounting Hole Pitch (Length Direction)	200 mm
Block Mounting Hole Diameter	18
Rail Mounting Hole Pitch	210 mm
Rail Mounting Hole Diameter	26
Symbols for Dust Resistance	SS: End and Side Seals (Best Leadtime) / UU: End Seals
Advanced Seal Options (Longer Leadtime)	RR: Low Resistance End + Side Seal
Block external dimension W	200 mm
Block external dimension L	334 mm
Mounting hole for blocks	Tapped Holes
Number of Block Mounting Holes(holes)	6
Mounting Hole Dimension S(M)	M8
Mounting Hole Screw Depth	27 mm
Block dimension L1	261 mm