



MNT BEARING LTD

HSR55B[1,2,3,4,5,6,7,8,9][D
 D, KK, LL, RR, SS, UU, ZZ]+[180-30
 00/1]L[H, P, SP, UP] THK Standard Linear
 Guide Accuracy and Preload Selectable HSR Series

Bearing No.
 HSR55B[1,2,3,4,5,6,7,8,9][DD, KK, LL, RR,
 SS, UU, ZZ]+[180-3000/1]L[H, P, SP, UP]

HSR55B[1,2,3,4,5,6,7,8,9][DD, K
 K, LL, RR, SS, UU, ZZ]+[180-3000/1]L[H,
 P, SP, UP] Bearing 2D drawings and 3D CAD
 models

Days to Ship	42 Days
Block Type	[Wide] B: Flanged w/Thru Holes (Obsolete)
The number of LM blocks combined with a axis	1 ~ 9
Nominal Part Number	55
Rail Width W1	53 mm
Material	Carbon Steel
Mounting Height M	70 mm
Rail Length L	180 ~ 3000 mm
Radial Clearance	Normal
Accuracy Grade	High Grade / Precision Grade / Super Precision Grade / Extra High Precision Grade
Retainer	Available
Rolling Element	Ball
Basic Load Rating Dynamic Rating C(N)	121000
Basic Load Rating Static Rating Co(N)	146000
Allowable Static Moment MA(N m)	2600
Allowable Static Moment MB(N m)	2600



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Allowable Static Moment MC(N m)	3430
Symbols for Dust Resistance	SS: End and Side Seals (Best Leadtime) / UU: End Seals
Advanced Seal Options (Longer Leadtime)	DD: Double End Seals and Side Seals / KK: DD + Metal Scraper / LL: Low Resistance End Seal / RR: Low Resistance End + Side Seal / ZZ: SS + Metal Scraper
Block external dimension W	140 mm
Block external dimension L	163 mm
Mounting hole for blocks	Thru Holes
Number of Block Mounting Holes(holes)	4
Mounting Hole Dimension H(ø)	14
Mounting Hole Screw Depth	Through mm
Block dimension L1	118 mm