



# MNT BEARING LTD

HSR55LB[1,2,3,4,5,6,7,8,9][D  
D, KK, LL, RR, SS, UU, ZZ]+[219-30  
00/1]L THK Standard Linear Guide Accuracy and  
Preload Selectable HSR Series

Bearing No.  
HSR55LB[1,2,3,4,5,6,7,8,9][DD, KK, LL, R  
R, SS, UU, ZZ]+[219-3000/1]L

HSR55LB[1,2,3,4,5,6,7,8,9][DD,  
KK, LL, RR, SS, UU, ZZ]+[219-3000/1]L  
Bearing 2D drawings and 3D CAD models

Days to Ship	42 Days
Block Type	[Wide Long] LB: Long 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	219 ~ 3000 mm
Radial Clearance	Normal
Accuracy Grade	Normal Grade (Best Leadtime)
Retainer	Available
Rolling Element	Ball
Basic Load Rating Dynamic Rating C(N)	148000
Basic Load Rating Static Rating Co(N)	194000
Allowable Static Moment MA(N m)	4460
Allowable Static Moment MB(N m)	4460



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Allowable Static Moment MC(N m)	4560
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	201.1 mm
Mounting hole for blocks	Thru Holes
Number of Block Mounting Holes(holes)	4
Mounting Hole Dimension H(∅)	14
Mounting Hole Screw Depth	Through mm
Block dimension L1	156.1 mm