



# MNT BEARING LTD

HSR45LR[1,2,3,4,5,6,7,8,9][  
DD, KK, LL, RR, SS, UU, ZZ]+[188-3  
090/1]L[H, P, SP, UP] THK Standard Linear  
Guide Accuracy and Preload Selectable HSR Series

Bearing No.  
HSR45LR[1,2,3,4,5,6,7,8,9][DD, KK, LL, R  
R, SS, UU, ZZ]+[188-3090/1]L[H, P, SP, UP]

HSR45LR[1,2,3,4,5,6,7,8,9][DD,  
KK, LL, RR, SS, UU, ZZ]+[188-3090/1]L[H,  
P, SP, UP] Bearing 2D drawings and 3D CAD  
models

Days to Ship	3 Days
Block Type	[Long] LR: Long Tall Height
The number of LM blocks combined with a axis	1 ~ 9
Nominal Part Number	45
Rail Width W1	45 mm
Material	Carbon Steel
Mounting Height M	70 mm
Rail Length L	188 ~ 3090 mm
Radial Clearance	Normal
Accuracy Grade	High Grade / Precision Grade / Super Precision Grade / Extra High Precision Grade
Retainer	N/A
Rolling Element	Ball
Basic Load Rating Dynamic Rating C(N)	100000
Basic Load Rating Static Rating Co(N)	135000
Allowable Static Moment MA(N m)	2590
Allowable Static Moment MB(N m)	2590



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Allowable Static Moment MC(N m)	2600
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	86 mm
Block external dimension L	170.8 mm
Mounting hole for blocks	Tapped Holes
Number of Block Mounting Holes(holes)	4
Mounting Hole Dimension S(M)	M10
Mounting Hole Screw Depth	17 mm
Block dimension L1	129.8 mm